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SECOND FIVE-YEAR PLAN ANDHRA PRADESH

REVIEW OF PROGRESS 1959-60

Bureau of Economics and Statistics
Government of Andhra Pradesh, Hyderabad

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INTRODUCTION

This is the fourth in the series of annual reviews on the Progress of plan schemes of Andhra Pradesh. The first three reviews were issued by the Planning and Local Administration Department and this work has since been transferred to the Bureau of Economics and Statistics. Apart from the review of the progress made during 1959-60, an attempt has been made in this review to indicate the achievements of the first four years of the Second Plan. In the first three chapters of this volume, a review of the economy of Andhra Pradesh, general review of the progress of plan schemes and the programme for 1959-60 in brief are discussed and in the following chapters an account of the progress of financial and physical targets in respect of each scheme implemented during 1959-60 is given under the various Minor Heads of Development.

My thanks are due to the Heads of the Departments for furnishing the required information, in time. But for their co-operation, it would not have been possible to complete the work by the end of August, 1960. It is hoped that this publication will serve as a useful reference book on the progress of Second Plan schemes in Andhra Pradesh. I shall gladly welcome suggestions, for the improvement of this publication.

Hyderabad,
31st August 1960.

D. RANGA RAMANUJAM,
Director,
Bureau of Economics and Statistics.

CHAPTER I.

A Review of the Economy of Andhra Pradesh during 1955-56 to 1959-60.

Andhra Pradesh was formed on 1st November 1956 by the integration of the Telangana region of the former Hyderabad State with the Andhra State. It extends over an area of 1,06,041 sq. miles forming 8.4% of the total geographical area of the Indian Union. According to 1951 Census, the State's population was 313 lakhs and in 1959 this was estimated to have increased to 358 lakhs or 8.6% of the total estimated population of the Indian Union in that year. The population of the State is larger than that of Canada, Australia, Philippines, Netherlands, Yugoslavia, Iran, United Arab Republic, etc. Both in size and population, Andhra Pradesh is bigger than Ceylon, Austria, Belgium, Czechoslovakia, Switzerland, etc.

The State is predominantly Agricultural in character and 67.3% of its population were dependent on Agricultural occupations in 1951. It accounted for 41.4% of tobacco, 28.6% of chillies, 15.9% of oil seeds, 9.9% of cereals, 9.2% of sugarcane (gur), and 2.5% of cotton produced in the Indian Union in 1959-60. In the Industrial sector also, the Agro-Industries like Rice Mills, Oil Mills, Sugar, textile and cigarette factories predominate. Ship-building, oil refinery, cement manufacture and metal works are the important non-agricultural Industries in the State. There are also a number of Engineering Firms coming under the Factories Act but the majority of them are engaged in repair and maintenance work. Besides this, 10.5% of the total working force was engaged in the Cottage and Small Scale Industries. The State had launched on a programme of economic and social development and the following is a short account of the progress recorded in different sectors during the first four years of the Second Plan.

Agriculture :

It has already been observed that Agricultureis the main stay of the majority of people in the State and

the Government have undertaken several measures like the provision of improved seeds, manures and fertilisers, irrigation facilities under major, medium and minor irrigation projects and the provision of extension services through the Block and departmental agencies. During the first four years of the Second Plan, an additional area of 4.77 lakh acres was benefited by the various irrigation projects and 67.1 % of the villages and 72.8% of the rural population were covered by the C. D. Programmes. These measures were largely responsible for the improvement recorded in the average yield of principal crops grown in the State. Thus, the average yield of Ragi in 1959-60 recorded an increase of 40.7% over that of 1955-56. Jowar improved by 18.4%, Sugarcane 15.7% Rice 10.5% Bazra 8.4%, and Cotton 6.0% during the period. However, on account of adverse seasonal conditions, the average yield of oil seeds, tobacco and pulses were affected. The following table gives the details of production of principal crops in the State during each of the years 1955-56 to 1959-60.

Outturn of Principal crops in Andhra Pradesh.

('000 tons)

Crop	1955-56	1956-57	1957-58	1958-59	1959-60	% of Col. 6 to Col. 2
1	2	3	4	5	6	7
Rice	3,050	3,353	3,293	3,614	3,614	118.5
Millets	2,113	2,169	2,301	2,429	2,396	113.4
Pulses	274	272	260	274	279	101.8
Groundnut (unshelled) ..	1,070	1,202	1,090	1,003	978	91.4
Castor	62	64	32	47	45	72.6
Gingelly	52	52	52	55	53	101.9
Sugarcane (gur) ..	517	578	688	661	627	121.3
Tobacco (cured leaf) ..	131	133	116	109	116	88.5
Cotton (bales of 392 lbs.) each	128	126	102	116	115	89.8
Mesta (bales of 400 lbs.) each	264		..	158	172	65.1
Chillies	110	113	84	95	98	89.1

Thus, the production of Rice, Millets, Sugarcane, Gingelly and pulses recorded a rise in 1959-60 as compared to the year 1955-56 while the production of other oil seeds, fibres, chillies, tobacco, etc.; declined during the same period. However, in view of the importance of food crops which recorded substantial improvement during the period, there was an improvement in the general index of agricultural production (base Agrl. Year 1949-50=100) from 126.9 in 1955-56 to 136.0 in 1958-59 and 135.7 in 1959-60 as detailed below.

Index Numbers of Agricultural Production in Andhra Pradesh.

(Base Agricultural Year 1949-50=100).

Group	1955-56	1956-57	1957-58	1958-59	1959-60*
Foodgrains	126.2	143.7	145.8	156.7	156.7
Oil seeds	104.5	116.1	104.0	97.8	95.2
Fibres ..	102.8	98.9	103.4	93.3	92.8
Miscellaneous	125.8	130.8	119.8	122.9	123.4
All Commodities	126.9	134.4	130.8	136.0	135.7

*Provisional.

Electricity :

Electricity generated in the State in 1958-59 formed 234% of that in 1955-56. The Electricity consumed for industrial purposes was more than doubled while that for non-industrial purposes increased by 1½ times. There were 700 towns and villages electrified in Andhra Pradesh in 1955-56 and this sharply rose to 2,408 in 1959-60. The *per capita* consumption was 7 units at the commencement of the plan and 15 units in 1959-60. The table below gives the details of electricity generated in Andhra Pradesh during 1955-56 to 1959-60.

Electricity Generated in Andhra Pradesh.

Item	Unit	1955-56	1956-57	1957-58	1958-59	
Installed capacity	1000 K.W.	99	118	177	192	222
Units generated Electricity	Million K.W.h.	189	263	277	442	N.A.
Electricity consumed for Industrial purposes	do	74	91	142	158	..
Electricity consumed for non-Industrial purposes ..	do	85	142	114	126	N.A.
Towns & villages electrified	No.	700	937	1,807	1,785	2,408
Per capita consumption of electricity	Units	7	..	..	13.5	15

Industries :

Though, the State's participation in the industrial development was limited in extent, the plan programmes provided necessary incentives for the expansion of this sector. The proposed land reforms, by limiting the scope for investment in Agriculture, also facilitated the expansion of industrial activity and the number of factories coming under the Factories Act increased from 3,955 in 1955-56 to 6,986 in 1959-60, while the average number of persons employed in them increased from 1.65 lakhs to 2.00 lakhs. However, the bulk of these factories were small units. Ship-building, Oil refining, Cement, Sugar, Cotton, Jute and Rayon textiles, Cigarettes, Paper and Metal works are the important large scale industries in the State but they covered only 44 units in 1959-60. The State is meeting the bulk of the coal requirements of the Southern region and the production of coal increased from 14.70 lakhs tons in 1955-56 to 22.32 lakh tons in 1959-60 *i.e.*, by 53.7%. There has been a substantial improvement in the production of large and medium industries in the State during the period under review. Thus, Cement production in 1959 formed 284.3% of that in 1955. The corresponding increases were 166.7% for paper, 140.8% Cigarettes, 142.9% Cotton yarn, 106.8% Sugar and 103.4% jute products. The production of cotton piecegoods however declined to 74.2%. The following table furnishes the details of production of important industries in the State during the period under review.

Industrial Production in Andhra Pradesh.

Product	Unit	Production				% of 1959 to 1955
	1955	1956	1957	1958	1959	
Cotton yarn	.. '000 lb.	23,239	23,861	24,633	25,930	33,213	142.9
Cotton piece	.. '000 yds.	42,346	42,741	40,751	34,076	31,406	74.2
Jute products	.. '000 tons	26	29	30	33	30	115.4
Sugar	.. do	118	137	144	140	126	106.8
Cement	.. do	204	221	262	377	580	284.3
Paper	.. do	15	17	21	21	25	166.7
Cigarettes	.. lakhs	44,608	54,134	54,413	58,828	62,827	140.8
Coal	.. '000 tons	1,470	1,710	1,979	2,171	2,260*	153.7

*Financial years

Prices:

In spite of this general improvement in production there has however been a sharp increase in the prices during tne period under review. In 1959-60 the State average wholesale prices of Paddy, Ragi, Cane Jaggery, Groundnuts and Gingelly seed recorded a rise of more than 60% as compared to those prevailing in 1955-56. The increase in the prices varied from 50% to 60% in the case of Jowar, Bazra, Greengram, Chillies and Onions and from 25% to 50% in the case of Rice II sort, Redgram, Bengalgram, Horsegram and Castor. The prices of Tobacco, however, declined by 1.2% during this period. The wholesale price index of Hyderabad City (base Ag. 1939=100) which stood at 324 in the year 1955 steadily increased to 422 in 1957 and 510 in 1959 thereby recording an increase of 57.4% in 1959 as compared to 1955. The increase in the Consumer Price Index in 1959-60 over that in 1955-56 amounted to 29.3% for Eluru Centre, 35.5% for Hyderabad, 36.2% for Visakhapatnam, 39.9% for Warangal and 43.2% for Nizamabad.

Joint Stock Companies:

There were 587 Joint Stock Companies in the State with a paid-up capital of 20.75 crores in 1955-56. Though there was a steady decline in the number of companies to 444 in 1959-60, the paid up capital increased to Rs. 22.71 crores.

Commercial Banks:

There was also an expansion in the Banking facilities in the State and the number of branches of Commercial Banks steadily increased from 238 in 1955-56 to 273 in 1957-58 and 295 in 1959-60.

Employment Exchanges:

There were only 12 Employment Exchanges in the State at the commencement of the Second Plan and it was therefore proposed to establish one unit in each district during the second plan period. In accordance with this programme, 19 Employment Exchanges were established including one at Nagarjunasagar by the end of 1959-60, with the result that barring Mahaboobnagar and Medak Districts, each district in the State has an employment exchange to assist the employment seekers

in securing jobs. Partly due to the increased coverage and also on account of the increase in the number of persons entering the labour force, there was a steady increase in the number of persons on the live-registers of the employment exchanges in the State from 0.61 lakhs in March, 1956 to 0.98 lakh in March, 1960. On an average, these exchanges secured jobs for about 15 thousand persons per year during the period under review.

Employment in the Public Sector :

As a result of the implementation of the developmental programmes, the employment in the public Sector which amounted to 2.64 lakhs on 31-3-1956 increased to 3.98 lakhs on 31-3-1959. During this period, the employment in the Central Government establishments in the State increased from 0.44 lakh to 0.83 lakh, State Government establishments from 1.40 lakh to 2.12 lakhs, Quasi-Government establishment from 0.35 lakh to 0.42 lakh and Local Bodies from 0.47 lakh to 0.61 lakhs.

State Revenues :

In order to copeup with the increased demand for finances for implementation of the developmental programmes the State Government have adopted several measures to augment its resources. The recommendations of the Finance Commission have also facilitated this. As a result of these several measures the revenues of the State Government which stood at Rs. 40.43 crores in 1955-56 sharply increased to Rs. 67.52 crores in 1958-59 and to Rs. 78.08 crores in 1959-60. The revenue deficit of Rs. 6.99 crores in 1955-56 was converted into a revenue surplus in 1956-57 itself and the revenue surplus of the first four years of the Second Plan Period amounted to Rs. 13.05 crores or Rs. 3.26 crores, on the average per year.

State Income :

The State Income of Andhra Pradesh amounted to Rs. 828 crores at current prices in 1955-56. This steadily increased to Rs. 985 crores in 1957-58 and Rs. 1112 crores in 1959-60 according to the provisional estimates prepared by the Bureau of Economics and Statistics. The State income thus recorded an increase of 34.4 %

during the first four years. At 1952-53 prices, however, the State Income increased from Rs. 920 crores in 1955-56 to Rs. 990 crores in 1959-60. The per capita income at current prices increased from Rs. 250 in 1955-56 to Rs. 311 in 1959-60 while the per capita income at 1952-53 prices increased from Rs. 278 to Rs. 284 during this period.

Roads :

The total mileage of roads maintained by the State Highways Department increased from 10,461 miles in 1955-56 to 11,025 miles in 1958-59. Though the increase in the mileage was not so spectacular, there has been a good improvement in the quality of Roads maintained and the milcage of tar roads which stood at 2,743 in 1955-56 increased to 3,096 in 1958-59.

Road Transport :

On account of the impetus given by the developmental programmes to the transport sector, there has been a spectacular increase in the number of vehicles on roads and in 1959-60 the number of vehicles registered was nearly double that of 1955-56. The number of buses registered in 1955-56 was 1,801 and this sharply increased to 3,046 in 1959-60 while trucks and lorries increased from 5,567 to 9,815 private motor cars from 9,180 to 19,257 and motor cycles from 3,384 to 5,782.

Co-operation :

Special emphasis was laid on the development of co-operative movement in the State for providing necessary credit and non-credit facilities. In 1955-56, there were 19,198 Co-operative Societies in the State. This number progressively increased to 21,205 in 1958-59. Tne number of these societies increased from 22.89 lakhs to 28.76 lakhs while tne working capital increased from Rs. 59.26 crores to Rs. 80.13 crores during this period. The increase in the number of Societies thus amounted to 10.5% membership to 25.6% and working capital to 50.4%.

Education :

During the period from 1955-56 to 1959-60 there was a substantial increase in the number of various types of educational institutions and their intake capacity as may be observed from the following table.

Educational Institutions in Andhra Pradesh

Year	Primary Schools		Middle Schools		High Schools		Colleges	
	No.	Schoolars	No.	Schoolars	No.	Schoolars	No.	Schoolars
1955-56	28,538	23,59,394	281	3,08,807	726	1,81,451	72	48,443
1956-57	29,069	23,91,954	369	3,29,532	780	1,88,051	90	50,816
1957-58	30,762	24,54,514	446	3,50,627	859	1,95,251	101	52,841
1958-59	32,093	25,47,408	561	3,66,041	955	2,00,472	106	47,158
1959-60	33,313	26,25,768	699	3,86,951	1,007	2,07,872	205	55,172

The number of professional colleges in the State increased from 21 in 1955-56 to 36 in 1959-60, while their intake capacity increased from 5,962 to 9,054. At the commencement of the Second Plan there were only 5 Polytechnics in the State with an intake capacity of 460 while in 1959-60 there were 16 Polytechnics with an intake capacity of 4,650.

Hospitals and Dispensaries :

The progress recorded in providing Medical facilities in the State was equally impressive. In 1959-60, there were 1048 Hospitals and Dispensaries under the State Medical Department as against 296 at the commencement of the Second Plan. The number of beds in these institutions increased from 12,340 in 1955-56 to 18,533 in 1959-60. The number of Primary Health Centres in the State increased from 39 to 153 during this period.

CHAPTER II.

Review of Progress of Plan Schemes during the Period 1956-57 to 1959-60.

The size of the Second Plan of Andhra Pradesh was originally fixed at Rs. 175.74 crores after the formation of the State in November, 1956 by integrating the Telangana portion of the former Hyderabad State Plan with that of the former Andhra State. Nearly half of the total plan expenditure was earmarked for Irrigation and Agricultural Programmes while a little less than one-fifth was provided for the Power Schemes. Industries, Transport and Communications accounted for about 13% of the plan provision, while the remaining amount was earmarked for the Social Services and Miscellaneous Development Schemes.

The States Reorganisation has, to some extent, affected the pace of the progress of plan schemes particularly in the Telangana Region during the first two years of the Plan. In addition to this, a number of administrative problems like the late sanction and implementation of schemes, delay in the land acquisition proceedings, delay in the construction of buildings acquisition of materials through the Central Stores Purchase Department, dearth of technical personnel, etc., have also affected the plan programmes besides the foreign exchange difficulties and scarcity of steel and other key materials. The State Government, have, therefore, adopted several measures to overcome these problems. From the year 1958-59, it was ensured that the bulk of the plan schemes included in the annual plan are sanctioned at the commencement of the year so that the schemes can be taken up from the beginning of the year. In order to overcome the dearth of technical personnel, the number of institutions and their intake capacity were increased. Some science graduates were also appointed in the place of technical personnel wherever possible. The delays in the procurement of machinery and equipment through the Central Stores Purchase Department were solved to some extent by empowering the Heads of the Departments to place orders direct with the suppliers without going through the Central Stores Purchase Department, subject to certain financial

limitations. Certain administrative instructions were also issued to reduce the delays in the land acquisition proceedings. In order to overcome the foreign exchange problem, attempts were made to execute the programmes with indegenous substitutes wherever possible. At the Co-ordination Meetings of the Secretaries to Government and Heads of the Departments held once in about two months,the progress of plan schemes implemented by the different departments was reviewed and necessary steps were taken to ensure speedy execution of plan programmes. In order to ensure a reasonable level of development in spite of shortfalls in some sectors, a larger volume of plan programmes,than was originally contemplated for the year, was taken up for implementation and the excess of provision with some of the departments that were not able to implement the programmes as scheduled were diverted to others in need of additional funds.

As a result of these and other measures taken by the Government, the plan expenditure in the State has steadily increased from Rs. 25.66 crores in 1956-57 to Rs. 31.18 crores in 1957-58, to Rs. 34.51 crores in 1958-59 and to Rs. 41.84 in 1959-60. The shortfalls in plan expenditure were also reduced from year to year and the actual expenditure formed 86.2% of the budget provision in 1956-57, 89.1% in 1957-58, 114.3 in 1958-59 and 100.0% in 1959-60. Though the percentage of expenditure during 1959-60 is less than that of 1958-59, the absolute expenditure during 1959-60 registered an increase of 19.9% over that of the previous year. The following table shows the provisions and expenditure during each of the years 1956-57 to 1959-60 under the six major heads of development.

Progress of Plan (Rs. in Crores).

Serial No.	Head of Development	1956-57			1957-58			1958-59			1959-60		
		Provision	Expenditure	% of Expenditure to Provision	Provision	Expenditure	% of Expenditure to Provision	Provision	Expenditure	% of Expenditure to Provision	Provision	Expenditure	% of Expenditure to Provision
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Agricultural Programmes ..	6.55	3.08	47.0	6.99	5.05	72.2	7.68	7.31	95.2	10.60	9.19	86.7
2.	Irrigation and Power ..	16.42	18.16	110.6	16.77	18.28	109.0	12.99	16.77	129.1	17.06	19.22	112.7
3.	Industries	1.63	0.98	60.1	2.51	2.03	80.9	1.92	2.30	119.8	2.95	2.18	73.9
4.	Transport and Communications .	0.83	0.31	37.3	1.19	0.63	52.9	1.11	1.13	101.8	2.10	1.96	93.3
5.	Social Services	3.62	2.96	81.8	6.48	4.28	66.0	5.59	6.80	121.6	8.58	8.88	103.5
6.	Miscellaneous	0.73	0.17	23.3	1.05	0.91	86.7	0.73	0.60	82.2	0.54	0.41	75.5
	Total ..	29.78	25.66	86.2	34.99	31.18	89.1	30.02	34.91	116.3	41.83	41.84	100.0

It will thus be seen that though there has been substantial improvement in the pace of progress under all heads of development during the period 1956-57 to 1959-60, the progress was not uniform in rspect of each head of development as revealed from the following table showing the Second Plan Provision and Expenditure during the first four years of the Plan.

(Rupees in crores)

Sl. No.	Head of Development	Second Plan Provision	Expenditure during 1956-57 to 59-60	% of col. 4 to col. 3
1	2	3	4	5
1.	Agricultural Programmes	39.96	24.63	61.7
2.	Irrigation and Power	76.47	72.43	94.7
3.	Industries	14.45	7.49	51.8
4.	Transport and Communications ..	7.69	4.03	52.4
5.	Social Services	34.50	22.92	66.4
6.	Miscellaneous	2.67	2.09	78.3
	Total	175.74	133.59	76.0

The cumulative expenditure upto end of March, 1960 formed 94.7% of the Second Plan Provision in the case of Irrigation and Power, 78.3% in the case of Miscellaneous Development schemes and 66.4% in respect of Social Services. The progress of expenditure on schemes under Industries, Transport sectors, however, formed only 51.8% and 52.4% respectively.

During the course of the year 1959-60, a review of the progress of plan schemes under different heads of development was made and on the basis of the expectation that a sum of Rs. 134.85 crores would have been spent by the end of the fourth year of the Plan and in the light of a provision of Rs. 44.04 crores made for 1960-61, the State's Second Plan outlay was increased to Rs. 179.89 crores and the amounts reallotted among the different heads on the basis of the performance and further requirements. The following table shows the original and revised allocations made under different development heads.

Original and Revised Allocations under Second Plan of Andhra Pradesh.

(Rupees in crores).

Head of Development	Original Provision		Revised Provision	
	Amount	%to total	Amount	%to total
1	2	3	4	5
1. Agricultural Programmes ..	39.96	22.7	38.93	21.6
2. Irrigation and Power ..	76.47	43.6	89.90	50.0
3. Industries	14.45	8.2	10.98	6.2
4. Transport and Communications	7.69	4.4	6.02	3.3
5. Social Services	34.50	19.6	31.20	17.3
6. Miscellaneous	2.67	1.5	2.86	1.6
Total ..	175.74	100.0	179.89	100.0

In the light of past performance and the various steps taken by the State Government to gear up the planning machinery, the entire amount provided for the year 1960-61 may be expected to be utilised in full and the State is thus assured of exceeding the original financial targets under the plan.

Physical Achievements

Agricultural Programmes :

As it has been observed elsewhere, special emphasis was laid in the Second plan period in improving the agricultural resources of the State, Agricultural Production was sought to be increased by numerous intensive and extensive measures. By the end of the fourth year of the plan 11.49 lakh tons of urban and rural compost was produced and 2.2 lakh tons of fertilizers like Ammonium Sulphate, Ammonium Nitrate including Calcium Ammonium Nitrate were distributed besides the establishment of 428 seed farms and construction of 200 seed stores to supply improved seeds to ryots. To provide better irrigation facilities 435 filter points and 2005 new wells were sunk besides the distribution of 1987 oil engines and electric motors on hire-purchase system. 148 Tractors were also purchased and

distributed to ryots on hire-purchase system. Out of the targetted 8.04 lakhs of acres of additional area to be brought under irrigation through the major, medium and minor irrigation projects, 4.77 lakh acres was actually benefited by the end of the fourth year of the plan. The Community Development Blocks covered more than half of the area in the State. As a result of these measures an additional production of 7.63 lakh tons of food-grains was realised by the end of the year 1959-60. Regarding the programme designed to improve the livestock in the State, out of 34 Key Village Centres targeted for the Second Plan, 26 centres were established. It was also proposed to establish 85 Minor Veterinary Dispensaries, 51 Stationery Veterinary Dispensaries and 100 First Aid Centres during the Second Plan Period and by the end of 1959-60, 59 Minor Veterinary Dispensaries, 36 Veterinary Dispensaries and 66 First Aid Centres were opened. Rinderpest eradication scheme was extended to the entire State. Towards the development of forests in the State, afforestation was done and regeneration plots were raised in an area of 13,873 acres. Road works in forest areas including the new formation and repairs, were undertaken over a length of 254 miles. The Co-operative movement also recorded significant progress during this period, when 420 large sized societies were formed and 339 godowns were constructed. Loans —Short, Medium and Long-term—to the extent of Rs. 16.33 crores were granted till the end of March, 1960. The progress of Development Blocks was equally impressive. By the end of 1959-60, 282 Blocks were opened, covering an area of 59,397 sq. miles and a rural population of 188 lakhs spread over 17,739 villages. Thus, 56.0% of the area, 67.1% of the villages and 72.8% of the rural population was covered by the Community Development Programmes by the end of the fourth year of the plan. With a view to increasing the people's participation in the movement, the implementation of the Community Development Programme was transferred to the statutory democratic bodies *viz.*, Panchayat Samithis at block level and Zilla Parishads at the district level and as a result of this the Community Development Programme in the State has received a new impetus.

Irrigation and Power :

The work on the Multipurpose Project *viz.*, Nagarjunasagar Project, is keeping ahead of schedule. Significant

progress was also made in respect of the other Major and Medium Irrigation Projects included in the State's Second Plan and as against the plan programme for extending the benefit of irrigation to 5.19 lakh acres (net) under major and medium irrigation projects, an area of 2.69 lakh acres was actually benefited by the end of 1959-60. Rapid strides were made in the programme for the electrification of Towns and Villages in the State, and as against the programme for the electrification of 1250 Towns and Villages by the end of 1960-61, as many as 1708 were electrified by March, 1960. The targets of 37,500 K. W. under the Ramagundam Thermal Scheme, 28,800 K. W. under Tungabadhra Hydro-Electric Scheme and 56,525 K.W. under the Machkund Hydro-Electric Scheme were achieved in full by the end of 1959-60. The construction of 10,149 miles of H. T. and L. T. transmission lines was also completed during the period. The total generating capacity in the State has increased from 98,900 K. W. in 1955-56 to 2,29,470 K. W. in 1959-60 and the per capita consumption of electricity has increased from 7.0 units to 15.0 units during this period.

Industries :

Under the plan for the development of major and medium industries in the State, it was proposed to increase the capacity of the Andhra Paper Mills, Rajahmundry from 10 tons/day to 50 tons/day. But much progress could not be made on account of the foreign exchange difficulties in procuring the necessary equipment. However, by the end of 1959-60, arrangements for the purchase of machinery and equipment required for the expansion programme are being finalised. In respect of Co-operative Sugar Factories, necessary share capital was collected for establishing the four Co-operative Sugar Factories at Chodavaram, Amadalavalasa, Palcole and Chittoor and two factories were expected to go into production during 1960-61. A sum of Rs. 39.66 lakhs was disbursed as loans under "State Aid to Industries Act". A number of production-*cum*-training Centres of various trades like Blacksmithy, Carpentry, Leather goods, Bolts and Nuts, Crayons, Plaster Products, etc., were started. Under the schemes for the development of the Handloom Industry, 24,716 looms were brought into Co-operative fold. Six Industrial Estates were established at Hyderabad, Warangal,

Vijayawada, Visakhapatnam, Samalkot and Nandyal and the construction of factory buildings is in fast progress.

Roads :

During the first four years of the Second Plan, 1,632 miles of roads were either newly formed or repaired and upgraded. Under the scheme for the development of Road Transport, 200 Buses were purchased in 1959-60 at a cost of Rs. 100.00 lakhs and these vehicles were used for the nationalisation of the Road Transport in Krishna District and a sum of Rs. 29.83 lakhs was contributed by the Government towards the State's share. A sum of Rs. 47.00 lakhs was spent towards the construction of bridges and causeways in the State and a sum of Rs. 12.03 lakhs was spent towards the State's share under the scheme " National Highways No. 5, Diversion Scheme ".

Social Services :

During the first four years of the Plan satisfactory progress was recorded in the enlargement of Social Services. Under the educational programme, 5,775 new primary and Junior basic schools were opened besides the opening of 418 middle schools and senior basic schools and starting of 281 high schools and multipurpose schools. The enrolment of children in the classes I to XI was increased by 3.70 lakhs

The bed strength in the various hospitals was increased and specialised departments for V. D., E. N. T., T. B. etc., were opened in the various Hospitals. Satisfactory progress was recorded in the programme for the provincialisation of Local Fund Institutions and establishment of Primary Health Centres. On the preventive side, the various All-India Programmes like eradication of Malaria, Filaria Control, B. C. G., Vaccination Campaign etc., were successfully implemented. During this period additional training facilities were afforded to Doctors, Nurses, Dais, etc.

Under Housing Programme, through Subsidised Industrial Housing Scheme, Co-operative Housing Scheme, L. I. G. Housing Scheme, etc., 7,531 dwelling units were built.

Craftsmen training institutions, 5 A. type and 5 B. type Labour Welfare Centres were opened in the State under Labour and Labour Welfare programmes.

With a view to benefiting the Backward classess, Scheduled Castes, Ex-criminal Tribes and Scheduled Tribes, 28,147 scholarships and 9, 583 boarding grants were awarded to school going children besides the establishment of 14 hostels. In addition, 150 wells were sunk and 69 miles of roads were constructed in tribal areas and training facilities were afforded to tribesmen in Agriculture and Cottage Industry.

Under the women welfare Programme 4 Service Homes and Training Institutes for the field staff were opened. Under Social Welfare Programme 3 State Homes, 10 District Shelters and 14 Welfare Extension Projects were started. In addition, one Boarstal School at Visakhapatnam and one Junior Certified School for Boys, another for girls and a Remand Home for girls were opened at Hyderabad.

Miscellaneous :

Consequent on the reorganisation of the States and the formation of Andhra Pradesh with the capital at Hyderabad, the need arose for providing adequate accommodation for officers, offices and staff. During the first four years of the plan 1,294 buildings/quarters were constructed.

By the end of the fourth year of the plan, 4,849 Community Radio Sets were installed under the scheme for the Installation and Maintenance of Community Radio Sets. The State's Statistical Bureau was also strengthened to take up the additional items of work.

CHAPTER–III

PROGRAMME FOR 1959–60

The Planning Commission in consultation with the State Government have originally approved a plan programme of Rs. 37.66 crores for the year 1959-60. But the State Government after considering various aspects and after a gooddeal of discussions in the State Advisery Committee on Planning and Development have decided to take up a programme costing Rs. 42.02 crores in view of the fact that against the second plan provision of Rs. 175.74 crores, a sum of Rs. 91.51 crores only was spent during the first three years, leaving a sum of Rs. 84.23 crores to be spent during the last two years and that there would be a large backlog for the last year if the outlay of Rs.37.66 crores suggested by the planning commission was not raised. It was also considered that the States resources were adequate to implement a plan of the size of Rs. 42.02 crores and there was absolute need to fully utilise the resources already created.

On the basis of the pattern of Central assistance indicated by the Government of India, it was expected that a sum of Rs. 25.60 crores—Rs. 6.75 crores by way of Grants and Rs. 18.85 crores as loans will be made available as Central assistance for the schemes included in the annual plan for 1959-60. However, the allocations of central assistance by way of loans and grants amounted only to Rs. 19.00 crores--Rs. 13.73 crores by way of loans and the balance amount of Rs. 5.27 crores by way of grants. But, this amount was exclusive of the central assistance to be released during 1959-60 by the Khadi and Village Industry Commission, the Central Social Welfare Board, the Ministry of Commerce and Industry, (in respect of conversion of handlooms into power looms) and the Ministry of Education (in respect of conversion of hostels for educational institutes). A sum of Rs. 20.17 crores was expected to be met from the State's resources as detailed below :–

		Rs. Crores
1.	Contribution from Revenue. ..	9.13
2.	Loans from Public	6.00

3.	Share of Small Savings	4.00
4.	Miscellaneous, Capital receipts ..	2.46
5.	Drawal from Reserves (Cash balances) ..	3.50
	Total Resources ..	20.17

With the State's Resources of Rs. 20.17 crores together with the Central assistance and the assistance expected from the Ministries mentioned earlier, it was felt that it will not be difficult for the State Government to implement a plan of the order of Rs. 42.02 crores.

Out of this provision of Rs. 42.02 crores, a sum of Rs. 0.20 crore was earmarked for the Uuban Water Supply Schemes which comes under the Central Plan. Hence, this amount was deducted from the above provision and an additional sum of Rs. 0.01 crore was allotted for the Medical Schemes. Thus, a sum of Rs. 41.83 crores was actually provided for expenditure on plan schemes during the current year. This provision was subsequently revised upwards to Rs. 44.25 crores in the Revised Estimates for the year. The original provision and Revised Estimates for the year 1959–60 under the six major heads of development are given below :

TABLE I.

Original Provision and Revised Estimates on Major Developmental Heads for 1959-60.

(Rs. in Crores)

Sr. No.	Head of Development	Original Provision	%to Total	Revised Estimates	%to Total
1	2	3	4	5	6
1.	Agricultural Programmes. ..	10.60	25.3	10.63	24.0
2.	Irrigation and Power. ..	17.06	40.8	19.63	44.4
3.	Industries	2.95	7.1	3.09	7.0
4.	Transport.	2.10	5.0	2.07	4.7
5.	Social Services.	8.58	20.5	8.33	18.8
6.	Miscellaneous.	0.54	1.3	0.50	1.1
	Total ..	41.83	100.0	44.25	100.0

But, while reviewing the progress of expenditure during the course of the year, it was found that certain departments were not in a position to spend the amounts allotted in the Revised Estimates while some departments were in need of additional funds over and above the allotments made in the Revised Estimates. The departments which were not in a position to spend the allotments made in the Revised Estimates, have, therefore, surrendered a sum of Rs. 2.18 crores and from out of this savings, an amount of Rs. 1.98 crores was reallotted to the departments in need of additional funds *viz.*, Education, Nagarjunasagar, Tribal Welfare, Electricity and Agriculture (Rural) University Departments. Thus, the final readjusted provision for the year amounted to Rs. 44.05 crores.

Against this final provision of Rs. 44.05 crores, a sum of Rs. 41.84 crores was spent during the year. The actual expenditure formed 100.0% of the original plan provision and the following table details the expenditure during 1959-60 under the six major heads of development.

TABLE II.

Progress of Expenditure during 1959-60.

(Rs. in crores)

Head of Development	Andhra			Telangana			Andhra Pradesh		
	Provision for 59-60	Expenditure during 59-60	% of expenditure to provision.	Provision for 59-60	Expenditure during 59-60	% of expenditure to provision	Provision for 59-60	Expenditure during 59-60	% of expenditure to provision
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Agricultural Programmes ..	6.74	5.94	88.1	3.86	3.25	84.2	10.60	9.19	86.7
2. Irrigation and Power ..	9.95	11.86	119.2	7.11	7.36	103.5	17.06	19.22	112.7
3. Industries ..	2.25	1.48	65.8	0.70	0.70	100.0	2.95	2.18	73.9
4. Transport. ..	1.46	1.28	87.7	0.64	0.68	106.3	2.10	1.96	93.3
5. Social Services ..	5.15	5.68	110.3	3.43	3.20	93.3	8.58	8.88	103.5
6. Miscellaneous. ..	0.49	0.39	79.6	0.05	0.02	40.0	0.54	0.41	75.9
Total ..	26.04	26.63	102.3	15.79	15.21	96.3	41.83	41.84	100.0

It will be seen that there has been increase in the plan expenditure during the year and the current year's expenditure registered an increase of 19.9% over that of the previous year. The expenditure during 1959-60 in respect of Andhra Region amounted to Rs. 26.63 crores or 102.3% of the plan provision while that in respect of the Telangana Region was Rs. 15.21 crores or 96.3% of the provision indicating a more or less uniform performance in both the regions. It will also be observed that the rate of expenditure was the highest under Irrigation and Power followed by Social Services where actually more than cent percent of the allotted amount was spent. The percentage of expenditure under Transport and Communications and Agricultural Programmes was 93.3% and 86.7% respectively. Under Miscellaneours and Industries only 75.9% and 73.9% respectively of the outlay could be spent.

Appendix–I furnishes the details of expenditure during 1959–60 under each Minor Head of Development together with its percentage to the original provision.

APPENDIX

Statement showing the Progress of Expenditure under each Minor head of Development.

(Rs. in Lakhs.)

Sl. No.	Head of Development	Andhra			Telangana			Andhra Pradesh		
		Provision for 1959-60	Expenditure during 1959-60	Percentage of column 4 to column 5	Provision for 1959-60	Expenditure during 1959-60	Percentage of column 6 to column 7	Provision for 1959-60	Expenditure during 1959-60	Percentage of column 9 to column 10
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
I.	*Agricultural Programmes*	674.14	594.47	88.2	386.08	325.00	84.2	1060.22	919.47	86.7
1.	Agricultural Production . ..	120.71	99.25	82.2	47.00	31.69	67.4	167.71	130.94	78.1
2.	Minor Irrigation	92.81	90.90	97.9	82.19	95.61	116.3	175.00	186.51	106.6
3.	Land Development	5.30	3.34	63.0	..	..	..	5.30	3.34	63.0
4.	Animal Husbandry	66.06	48.48	73.4	21.47	19.68	91.7	87.53	68.16	77.9
5.	Dairying and Milk Supply ..	12.55	4.45	35.5	15.94	3.56	22.3	28.49	8.01	28.1
6.	Forests	15.02	19.53	130.0	19.97	16.14	80.8	34.99	35.67	101.9
7.	Soil Conservation	15.31	13.54	88.4	7.81	4.66	59.7	23.12	18.20	78.7
8.	Fisheries	15.71	13.38	85.2	7.29	4.20	57.6	23.00	17.58	76.4
9.	Co-operation, Warehousing and Marketing	81.37	74.46	91.5	58.45	43.42	74.3	139.82	117.88	84.3

10. Miscellaneous	3.00	..	..	1.36	2.05	150.7	4.36	2.05	47.0
11. Panchayats	5.45	4.48	82.2	5.45	4.16	76.3	10.90	8.64	79.3
12. Community Development ..	240.85	222.66	92.4	119.15	99.83	83.3	360.00	322.49	89.6
II. Irrigation and Power	994.96	1185.66	119.2	711.09	736.27	103.5	1706.05	1921.93	112.7
13. Multipurpose Projects ..	445.00	536.87	120.6	255.00	320.71	125.8	700.00	857.58	122.5
14. Irrigation	242.47	226.95	93.6	277.96	166.12	59.8	520.43	393.07	75.5
15. Power	307.49	421.84	137.2	178.13	249.44	140.0	485.62	671.28	138.2
III. Industries	225.34	147.94	65.7	69.80	69.93	100.2	295.14	217.87	73.8
16. Major and Medium Industries ..	83.85	35.37	42.2	..	..	..	83.85	35.37	42.2
17. Village and Small Scale Industries .	141.49	112.57	79.6	69.80	69.93	100.2	211.29	182.50	86.4
IV. Transport and Communications ..	145.92	127.54	87.4	64.43	68.36	106.1	210.35	195.90	93.1
18. Roads including Tourism ..	116.09	97.71	84.2	64.43	68.36	106.1	180.52	166.07	92.0
19. Road Transport	29.83	29.83	100.0	..	..	..	29.83	29.83	100.0
V. Social Services	514.98	567.65	110.2	342.83	320.69	93.5	857.81	888.34	103.6
20. Education	188.67	252.88	134.0	134.61	154.62	114.9	323.28	407.50	126.1
21. Medical	88.06	103.56	117.6	62.94	70.77	112.4	151.00	174.33	115.5
22. Public Health	62.88	56.68	90.1	43.67	29.03	66.5	106.55	85.71	80.4
23. Housing	46.17	40.23	87.1	66.08	36.36	55.0	112.25	76.59	68.2
24. Labour and Labour Welfare ..	16.51	10.92	66.1	14.05	9.29	66.1	30.56	20.21	66.1

APPENDIX—*contd.*

Sl. No.	Head of Development	Andhra			Telangana			Andhra Pradesh		
		Provision for 1959-60	Expenditure during 1959-60	Percentage of column 4 to column 5	Provision for 1959-60	Expenditure during 1959-60	Percentage of column 6 to column 7	Provision for 1959-60	Expenditure during 1959-60	Percentage of column 9 to column 10
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
25.	Welfare of Backward Classes, etc,.	40.92	39.95	97.6	14.35	14.27	99.4	55.27	54.22	98.1
26.	Welfare of Scheduled Tribes ..	48.16	54.09	112.3	5.67	5.67	100.0	53.83	59.76	111.0
27.	Women Welfare	4.11	2.48	60.3	1.46	0.68	46.6	5.57	3.16	56.7
28.	Social Welfare	19.50T	6.86	35.2	..	..	..	19.50	6.86	35.2
VI.	*Miscellaneous*	49.23	38.25	77.7	4.73	2.16	45.7	53.96	40.41	74.9
29.	Development of Capital ..	20.00	20.29	101.5	..	..	..	20.00	20.29	101.5
30.	Municipal Roads and Development Works	11.59	11.33	97.8	..	..	..	11.59	11.33	97.8
31.	Broadcasting	4.86	0.15	3.1	1.67	0.11	6.6	6.53	0.26	4.0
32.	Publicity	3.74	2.50	66.8	3.06	2.05	67.0	6.80	4.55	66.9
33.	Including Telangana expenditure Statistics	9.04	3.98	44.0	..	..	..	9.04	3.98	44.0
	Grand Total ..	2604.57	2661.51	102.2	1578.96	1522.41	96.4	4183.53	4183.92	100.0

CHAPTER IV

Agriculture Production.

A sum of Rs. 167.71 lakhs was originally provided in the Budget for 1959-60 to implement 125 schemes—80 schemes costing Rs. 120.55 lakhs relate to the Andhra region and 45 schemes costing Rs. 47.16 lakhs pertain to the Telangana region. This provision was subsequently reduced to Rs. 129.25 lakhs but a sum of Rs. 130.94 lakhs was spent during the year under review.

A short account of the progress made by each of the schemes is given below :

Andhra Region.

(*a*) *Seed Farms and Seed Stores :*

Multiplication and distribution of improved seeds (*Seed Farms and Seed Stores*).—Under this scheme, it was proposed to establish one seed store and one seed farm in each of the National Extension Service and Community Development Blocks of the State. These seed farms would produce nucleus seed on a large scale for distribution to the registered growers for running primary seed farms. The seeds obtained from these farms would be stocked in the various seed stores for distribution to ryots.

The scheme was first initiated in 1957-58 at the instance of Government of India and during the years 1957-58 and 58-59, 164 seed farms and 113 seed stores were constructed. During the year 1959-60, it was programmed to establish another 129 seed farms and an equal number of seed stores at a cost of Rs. 44.56 lakhs. But, as the work relating to the construction of seed stores could not be carried out according to programme, only a sum of Rs. 28.31 lakhs was spent during the year under review and 139 seed farms were established. There were 303 seed farms and 135 seed stores in the Andhra region at the close of the year under review.

Scheme to run two zonal nucleus seed farms of improved strains of groundnut and castor.—It was contemplated under this scheme to multiply pure seeds of groundnut

(T.M.V. 2 and T.M.V.3) and castor strains (T.M.V.1) in two nucleus seed farms at Kosgi in Kurnool district and Kadiri in Anantapur district and distribute the seeds for sowing in primary farms for further multiplication and distribution. The scheme was taken up for implementation during 1957-58 under the over-all supervision of the oil seed specialist, Rajendranagar and was continued in the subsequent years. During the year under review, an area of 10 acres under T.M.V. 2 groundnut (bunch), 78.85 acres under T.M.V. 3 groundnut (spreading) and 10 acres under T.M.V. 1 castor have been sown at the two nucleus seed farms ; and the seeds so obtained have been distributed to different districts of the State for organising primary seed farms for multiplication. An expenditure of Rs. 0.43 lakh was incurred against a plan provision of Rs. 0.33 lakh.

Rabi Campaign in Andhra Pradesh.— The campaign was launched in the State for the first time in 1958 Rabi season. The special feature of the campaign was to associate the departmental and extension workers as well as agricultural college students and trainees with the farmers and establish mass contact through brigades formed for this purpose. Special credit facilities were provided to the farmers during the campaign period. During 1959-60, an amount of Rs. 0.50 lakh was provided in the revised estimates against which Rs. 0.41 lakh was spent on this scheme.

Kharif Campaign in Andhra Pradesh.—The Kharif campaign was first started during 1959-60 to intensify food production efforts in the Khariff season and all the available resources of the department have been mobilised to popularise the improved methods of agriculture production. For this purpose a sum of Rs. 0.93 lakh was provided in the revised budget estimates for 1959-60, against which an amount of Rs. 0.43 lakh was expended.

(*b*) *Supply Schemes :*

Japanica Indica Crosses for evolution of thrifty strains.— This scheme was primarily a Research scheme designed to evolve thrifty strains of paddy and this was started at the Agricultural Research Station Samalkot during the year 1956-57 and continued during the following years. During the year 1959-60, a provision of Rs. 0.08 lakh was made for continuing the staff

appointed for this purpose against which an amount of Rs. 0.07 lakh was spent.

During the year under review, a total of 312 Japanica Indica cross progenies were studied in the main crop season in F-8 generation and 343 single plant selections were made. Two promising cultures I-J 1 701 and 2253 were tested against a standard strain of equal duration in the district and were found to give higher yields than the standard strains. Besides this, a fresh-hybridization programme was initiated during season and the strains under distribution in the delta area viz., SLO-2, SLO-13, and SLO-15 were crossed with the promising Japanica parents Rikun-132, Zuhio, Fukoku and Norim 17. These crosses were expected to yield useful combinations from the experience gained so far.

Improvement of Akkulu variety of paddy.—This is also a continuing Research scheme started during 1956-57 which aims at the breeding of non-lodging variety in Akkullu, a cosmopolitan variety of paddy and a short duration strain for second crop. The scheme was continued during the year under review and a sum of Rs. 0.04 lakh was spent against a provision of Rs. 0.03 lakh.

During 1959-60, ninety-five progenies ranging from F-4 to F-10 from ten sets of crosses that were already on hand at the time of starting the scheme were studied and a total number of 162 promising single plants were provisionally selected for further study. Eleven sets of crosses effected during 1956-57 comprising of 437 progenies in F-3 generation were studied during the main season and a total number of 768 promising single plants were provisionally selected for further study. For evolving a short duration strain 330 short duration cross progenies from six sets of crosses and 280 single plants were carried forward for study during the main crop season of 1959-60. Out of this material, 239 promising short duration single plants were planted during the second crop season of 1959-60.

Evolution of improved millets (*Employment of Staff*).—The object of the scheme is to evolve high yielding strains of *Jonna, Sajja* and *Korra* suitable to the tract. The scheme was undertaken at the Agricultural Research Station, Lam, during 1956-57 under the guidance of the Millets specialist, and two Assistants and two fieldmen

were appointed. Since then the scheme is being continued.

During the year 1959-60, three uniform sorghum trials on an All-India-basis, were initiated by the sorghum specialist, Rockfeller Foundation, in collaboration with the Indian Council of Agricultural Research. In early kharif trials, twenty-four *Jowar* types comprising of Indian and exotic varieties including American hybrid grain and forage varieties and having duration of 75 days or less were tested in a yield trial to find out their suitability to the tract. In grain yields eight cultures *viz.*, NK-135, NK-230, NK-210, Texas 610, NK-140 and combine shallu of U.S.A., Verwal Dhotio and C-10-2-Bombay gave significantly superior yields over the control of G-3 Jonna.

Experiments on *Sajja*, *Korra* and *Maize* were also conducted during the year 1959-60.

A provision of Rs. 0.09 lakh was made in the revised estimates to continue the scheme during the year under review against which a sum of Rs. 0.08 lakh was spent.

Control of Pests and Diseases.– This scheme is a continuation scheme from the First Five-Year Plan which envisages the purchase of sprayers and dusters to augment the equipment in the departmental depots for carrying out remedial measures against pests and diseases. During the first three years of the Second Plan, 40 power sprayers, 1202 hand operated sprayers, 390 hand operated dusters were purchased. Further, 4 propaganda vans were also purchased so that insecticides and pesticides may be made available to the ryots at short notice on the outbreak of pests.

During 1959-60, an expenditure of Rs. 9.44 lakhs was incurred against the revised provision of Rs. 8.25 lakhs under the scheme for purchasing 500 hand operated sprayers and an equal number of hand operated dusters in addition to the purchase of required quantities of insecticides and pesticides.

Establishment of District Service Stations.–During the Second Plan period, it was proposed to establish six service stations in the districts for repairing the agricultural machinery owned by the cultivators as well as the department. During the first three years of the plan period, 5 service stations were established and in 1959-60

it was proposed to establish one service station at Rudrur besides continuing the four stations established during 1958-59. The service station was established and an expenditure of Rs. 0.69 lakh was incurred on the service stations against the plan provision of Rs. 1.47 lakhs.

Purchase and distribution of tractors on Hire-purchase-system. -Tnis is also a continuing sceneme from tne First Five-Year Plan. Under this scheme, it was proposed to purchase and distribute 75 tractors every year on hire-purchase system to encourage the agriculturists in adopting mecnanical culti,ation. A sum of Rs. 29.18 lakhs was provided in the Second Five-Year Plan on this scheme and till the end of the year 1958-59, 138 tractors were distributed to the cultivators. During 1959-60 a sum of Rs. 1.00 lakh was provided in the revised estimates for continuing this scheme. But, due to the heavy demand for tractors, the Government have subsequently sanctioned an additional sum of Rs. 2.00 lakhs for this purpose. However, owing to the foreign exchange difficulties only 10 tractors could be supplied during the year under review; and an expenditure of Rs. 1.51 lakhs was incurred on this account.

Distribution of Agricultural Implements on hire-purchase system.—Under this scheme, it was proposed to supply improved agricultural implements on hire-purchase system to the needy agriculturists who cannot afford to purchase them at one instance. This scheme was initiated during 1957-58 and continued during the following years. During the year 1959-60, a provision of Rs. 1.00 lakh was made for the distribution of implements against which a sum of Rs. 0.94 lakh was spent.

Subsidised distribution of Rotary push hoes for Japanese Method of Paddy cultivation (Andhra Pradesh).—With a view to popularise the Japanese method of paddy cultivation, this scheme was taken up for implementation during 1959-60. An amount of Rs. 1.25 lakhs was provided in the revised provision for 1959-60 to purchase and distribute rotary push hoes on subsidised basis against which an expenditure of Rs. 0.85 lakh only could be incurred to distribute 3,600 rotary push hoes among the ryots.

Scheme for the supply of improved imported agricultural implements.—This is a new scheme included in the

plan for 1959-60. The main object of the scheme is to evolve efficient and labour saving agricultural implements for the various agricultural operations in the State from the available improved agricultural implements in different parts of the country and also to import some useful foreign implements for conducting experiments. The Assistant Agricultural Engineer (Research) has been placed incharge of this scheme and against a provision of Rs. 0.04 lakh, an amount of Rs. 0.01 lakh was expended for the purchase of agricultural implements during the year under review.

Scheme for subsidised distribution of hand operated sprayers and dusters (Andhra Pradesh).—The object of the scheme is to induce cultivators, co-operatives, panchayats etc., to own the required number of sprayers and dusters for carrying out plant protection measures as expeditiously as possible.

Towards this a sum of Rs. 0.49 lakh was spent during the year 1958-59 for supplying 272 hand operated sprayers and dusters. During the year 1959-60, 500 hand operated sprayers and dusters were supplied according to the original programme. A sum of Rs. 0.87 lakh was spent on this scheme during the year against the revised provision of Rs. 0.90 lakh.

(c) *Development of Commercial Crops, Horticulture and Fruit Preservation* :

Production of G. 2 Chillies.—G.2 Chillies is an important strain evolved at the Agricultural Research Station, Lam, for which there is a great demand in view of its high yielding quality combined with its tolerance of the attack of thrifts. Under this scheme, G.2 Chillie seed will be distributed among the cultivators in dry areas. During the first three years of the plan period, 1169.5 tons of G.2 Chillies (Pods) were produced and distributed and an area of 11,695 acres was cultivated with them. During 1959-60, it was proposed to continue the scheme to produce 600 tons of Chillies to cover an area of 6,000 acres for which a sum of Rs. 0.29 lakh was provided. During the year under review, an amount of Rs. 0.18 lakh was spent to produce 243.2 tons of Chillies covering an area of 2432 acres.

Cotton Extension Scheme.—The scheme is a continuing scheme from the First Five-Year Plan. Under this scheme

it was proposed to increase the production of Cotton by about 20,000 bales of 392 lbs. each during the Second Five-Year Plan period by adopting extensive and intensive cultivation measures such as reclamation of fallow and waste lands, replacement of crops other than food crops, multiplication and distribution of improved seeds etc. During the first three years of the plan period the production was increased by 29,475 bales while in the fourth year an amount of Rs. 1.20 lakhs was provided in the plan for an additional production of 4,000 bales of Cotton. Against this programme about 1,50,000 bales of additional production of Cotton was achieved and an amount of Rs. 0.98 lakh was spent.

Trial of Mungari Cotton.—Under this scheme, several strains were evolved. This scheme was started during 1956-57 for testing these new strains under mixed cropping conditions in the Mungari Cotton area in Andhra and the scheme has been continued during the subsequent years. The trails were conducted for the 4th season during the year under review. Inter sowing cotton in widely-spaced component crop resulted in less attack by both red hairy caterpillar and stenosis. No. 39304, a selection built up at Adoni was found to be a distinctive improvement over local Mungari and it is hoped to be released as a strain. During the year 1959-60, a provision of Rs. 0.27 lakh was made in the revised estimate against which an expenditure of Rs. 0.15 lakh was actually incurred.

Sugarcane Development Scheme including Intensive Sugarcane Manuring Scheme.—Under this scheme, it was proposed to spend sugarcane liaison farms in the factory areas and to provide special development staff for the intensively growing taluks of the state for extending the results of Research to the Cultivators' fields. This scheme which was in operation from 1956-57 at 20 Development Centres and 5 Zonal Centres, continued during the year 1959-60. A sum of Rs. 2.92 lakhs was spent during the year under review against the provision of Rs. 2.98 lakhs.

Tobacco Extension Scheme.—This scheme was initiated during 1956-57 imparting practical knowledge to the ryots in the production of superior grade of Tobacco by occular and other demonstrations etc., and is being continued since then in Krishna, East and West Godavari Districts. The extension staff appointed during

1956-57 was also continued. During the year under report, 717 demonstrations were conducted, and control measures against pests and diseases were taken in respect of 10,642 acres. A quantity of 2813 lbs. of improved tobacco seeds was distributed. During the year an expenditure of Rs. 0.83 lakh was incurred against the plan provision of Rs. 0.70 lakh.

Starting of Pulses improvement work on regional basis in Andhra. Though pulses are grown over an area of 32 lakh acres in Andhra Pradesh there is no separate Research Station for this crop. The scheme was therefore started during 1958-59 with necessary staff and several samples were collected and put up for observations. During the year under review, an expenditure of Rs. 0.12 lakh was incurred as against a revised provision of Rs. 0.18 lakh.

Improvement of Bhimunipatnam Jute (Mesta) in Andhra.—Under this scheme, it was proposed to improve the quality and quantity of Bhimunipatnam Jute. During the year 1959-60, improved types of Messa and Roselle were tested for their suitability and all the four Reselle types proved to be superior to the local jute.

A provision of Rs. 0.23 lakh was made to implement the scheme against which an amout of Rs. 0.19 lakh was spent during the year 1959-60.

Training of Gardners (Malis) in Andhra. The object of the scheme is to train farmers in gardening and in general horticulture. During the year 1959-60, a provision of Rs. 0.20 lakh was made to train 60 farmers in two batches at the Fruit Research Station, Anantharajupet. The staff employed under this scheme consists of one Assistant, one Clerk-*cum*-Typist and one peon. During the year under review, 49 candidates have been trained and an expenditure of Rs. 0.13 lakh was incurred.

Training of Farmers in Fruits and Vegetable Preservation.—Under this scheme a training Centre was started at Kodur during 1957-58 with a view to impart training to farmers in theoretical and practical aspects of fruit and vegetable preservation and necessary staff was appointed for this purpose. During the year under review a provision of Rs. 0.04 lakh was made to train 72 candidates. Against this an expenditure of Rs. 0.02 lakh was incurred to train 50 candidates.

Scheme for routine analytical work at the Oil Seeds Specialist Section, Rajendranagar.—This is a research scheme and it is proposed under this scheme to analyse oil and moisture content of 2,000 samples of oil seeds per year, drawn from the various breeding experiments conducted at different centres. The staff consisting of two analytical Assistants and one lab. boy were working under this scheme and 1,500 samples have been analysed during the year under review.

A provision of Rs. 0.13 lakh was made in the revised estimates to implement this scheme, against which an expenditure of Rs. 0.11 lakh was incurred during the year under review.

Protection of Sugarcane Crop against pests and Diseases.—Under this scheme, insecticides worth about Rs. 20,000 were purchased and distributed at half concessional rates to sugarcane growers, and besides this, spares of sprayers and dusting equipment costing Rs. 4,000 were purchased. During the year under review an amount of Rs. 0.23 lakh was spent on this scheme as against a provision of Rs 0.24 lakh.

Scheme for Multiplication and distribution of Laxmi Cotton and Western Cotton.—With a view to maintaining the quality and purity of Laxmi and Western Cotton it was proposed to multiply and distribute these cotton seeds in the districts of Anantapur, Kurnool and Cuddapah. During the year under review, a sum of Rs. 0.32 lakh was provided for multiplication and distribution of Laxmi and Western Cotton against which an expenditure of Rs. 0.79 lakh was incurred and seed farms extending over an area of 3,625 acres were established for these two types of Cotton.

Scheme for encouraging arecanut cultivation in Andhra.—During 1959-60, it was proposed to establish 2 demonstration plots one at Madakasira and another in Hindupur taluk for which an amount of Rs. 0.01 lakh was provided for the scheme. Out of 150 arecanut seedlings only 47 seedlings have survived and therefore the demonstration plot at Hindupur could not be established. An amount of Rs. 0.01 lakh was spent to establish the demonstration plot at Madakasira during the year under review.

Scheme for doubling the production of Coconut Seedlings in Andhra.—The scheme envisages to increase the production of pedigree seedlings at the existing Coconut

nurseries at Samalkot, Anakapalli and Maruteru and supply the same for Coconut Plantations. During the year under review 70,000 seednuts were procured at Samalkot, Anakapalli and Maruteru as programmed and a sum of Rs. 0.26 lakh was spent on the scheme against a budget provision of Rs. 0.37 lakh.

Cashewnut Development Scheme in Andhra Pradesh.—The object of the scheme is to bring more area under Cashewnut plantation. Under this scheme loans were proposed to be issued at the rate of Rs. 100 per acre for raising new orchards. Against a revised provision of Rs. 3.11 lakhs for 1959-60, a sum of Rs. 4.90 lakhs was spent on this scheme and Cashewnut cultivation was extended to an area of 4,245 acres.

Fruit Development Scheme.—Under this scheme, it was envisaged to increase fruit production by increasing the existing area and also by bringing new area under fruit cultivation in pursuance of the recommendations of the Planning Commission for diversifying Agricultural Production and stepping up fruit production. This scheme initiated during 1957-58 was intended for granting short-term loans to ryots for rejuvenation of old orchards at the rate of Rs. 65 per acre and long-term loans for bringing new areas under Fruit trees, at rates ranging from Rs. 150 to Rs. 300 per acre. During the year 1959-60, an amount of Rs. 8.86 lakhs was provided for this scheme against which an expenditure of Rs. 9.56 lakhs was incurred and an area of 3,000 acres was covered.

Coconut Development (Extension) Scheme in Andhra Pradesh.—The object of the scheme is to produce and distribute to the growers healthy selected pedigree Coconut seedlings both for planting in the existing coconut areas and in new areas proposed to be brought under coconut cultivation. During the year 1959-60, a provision of Rs. 1.28 lakhs was made to procure 2 lakhs of seednuts and to bring an area of 8,500 acres under intensive cultivation measures. Against this, an expenditure of Rs. 1.43 lakhs was incurred to procure 1,73,878 seednuts and an area of 15,744 acres was brought under intensive cultivation measures.

Oil Seeds Development Scheme in Andhra Pradesh.—For effecting substantial increase in the production of oil seeds, through intensive propaganda for the use of improved seed, adequate manuring, proper inter-cropping

and for taking timely plant protection measures in case of outbreak of pests and diseases, a sum of Rs. 4.84 lakhs was provided in the Second Five-Year Plan. The scheme was taken up in 1958-59, but could not be implemented in that year on account of the non-appointment of staff. In 1959-60, all the staff excepting two Assistant Development Officers were appointed under this scheme. A quantity of 12,000 maunds of groundnut seeds, 500 maunds of castor seed and 10 maunds of sesamum seed have been procured. The staff also attended to the propaganda work relating to agronomic practices and plant protection measures. A provision of Rs. 2.00 lakhs was made in the revised estimates for 1959-60 for this scheme against which an expenditure of Rs. 2.69 lakhs was incurred.

Oil Seeds Extension Scheme.—The object of the scheme is to increase the production of major Oil seed crops namely, Groundnut, Castor, and Sesamum by way of multiplication of the nucleus seed produced at 6 farms established in the districts of Mahbubnagar, Warangal, Nalgonda, Cuddapah, Kurnool and Chittoor. Necessary staff of one Zonal Oil Seeds Assistant and two fieldmen was provided to each of the six farms and one U.D.C. and one L.D.C. were appointed in the office of Oil Seeds Specialist, Rajendranagar. The six seed farms of 50 acres each as envisaged in the scheme have been established. Each of the Farms at Mahbubnagar, Nalgonda and Warangal multiplied groundnut and Sesamum while the three farms at Prodduturu, Madanapalli and Narasaraopet multiplied groundnut and castor. During the year 1959-60, the achievements are as follows :—

(Area in acres)

Item	Groundnut		Castor		Sesamum	
	Targetted	Achieved	Targetted	Achieved	Targetted	Achieved
1. Nucleus Seed Farms ..	240	230	30	26.5	30	28
2. Primary Seed Farms ..	1,440	600	900	250	900	150
3. Secondary Seed Farms..	8,640	..	22,500	..	27,000	3,000

(Proposed to be achieved in 1960-61).

The expenditure on this scheme amounted to Rs. 0.81 lakh as against Rs. 2.00 lakhs provided for it in the Revised Estimates.

Co-ordinated Scheme for (a) breeding and evolution of rice strains resistant to pericularia disease and (b) scheme for spring rice in flooded areas of Collair.—The blast disease of rice caused by pericularia is the most serious disease of paddy crop all over the paddy growing countries of the world. The object of the scheme is to evolve high yielding blast resistant strain of rice of different durations, suitable to different parts of Andhra Pradesh. The staff consisting of one Scientific Assistant, Pathology Assistant. One Fieldman, and U.D.C. who were appointed in 1958-59, were continued during the year under review. The Assistant Rice Specialist, Buchireddipalem was incharge of the scheme. The Collair Basin is a permanent Dalva Zone in which the Second (Tabi) rice crop will be usually raised from January to May. The local variety like Nallarlu usually comes to harvest in the third week of May. Water scarcity will be felt even from the second fortnight of April when the crop will be in pre-flowing stage. It is therefore proposed to evolve suitable early maturing rice strains for the Tabi season that could tide over inadequate water supply at the vital flowering and maturing stage. During the year 1959-60, breeding materials were acquired from various centres and studied for their relative preference at Pulla. Work already done has resulted in the release of a fine cosmopolitan hybrid strain PLA-1. Study of "Nallarlu" the popular variety of the tract was also in progress during the year under review.

During the year 1959-60, a Revised provision of Rs. 0.21 lakh was made against which an amount of Rs. 0.20 lakh was spent to implement this scheme.

(*d*) *Agricultural education :*

Training of Tractor Operators.—The object of the scheme is to train sufficient number of departmental and private candidates in Tractor Operation etc., as there are no competent mechanics in rural areas to attend to the repairs and serving of machinery like tractors, oil engines, electric motors etc., purchased by ryots on hire-purchase system. The scheme was started during 1957-58 and 126 outsiders and 46 departmental candidates were trained during the period 1957-59 at a cost of Rs. 0.29 lakh.

During the year under review a provision of Rs. 0.19 lakh was made to train 72 outsiders and 24 departmental candidates. Against this programme, an amount of Rs. 0.14 lakh was spent and 71 outsiders and 13 departmental candidates were trained.

Strengthening of Agricultural College, Bapatla.—The object of the scheme is to increase the admissions in the Agricultural College, Bapatla from 96 to 144 to meet the requirements of Agricultural Graduates. The additional staff proposed under the scheme were appointed and 144 students were admitted. Apparatus and materials worth Rs. 0.56 lakh were purcahsed under this scheme besides the payment of subsidy amounting to Rs. 0.20 lakh to the two colleges at Rajahmundry and Tirupathi where pre-professional courses were introduced. The total expenditure during 1959-60 on this scheme amounted to Rs. 1.05 lakhs as against the revised provision of Rs. 1.25 lakhs.

Deputation of Officers for Post-Graduate Studies.—Under this scheme it was proposed to train various Research Assistants working in the different Research Stations, in special branches for the development of reserach activities. This scheme started during 1958-59 and two officers were deputed for Post-Graduate Training at the Indian Agricultural Research Institute, New Delhi. During the year under review two more officers were deputed for training. A sum of Rs. 0.09 lakh was spent on this scheme during 1959-60 against the revised provision of Rs. 0.15 lakh.

Building up named references and collection of insect pests at Agricultural College, Bapatla.—The scheme was started during 1957-58 with necessary staff. During the year under review 161 insect species were collected, and the staff has surveyed the districts of Visakhapatnam, East Godavari, Krishna, Guntur and Hyderabad. A total of 1,085 crop pests have been supplied to various development centres in Andhra Pradesh for display in their show room. During the year the revised provision of Rs. 0.13 lakh was spent completely without any shortfall.

Training of Farmers in Oil Engines.—This scheme was started during 1958-59, with a view to impart training to farmers in the proper maintenance of the upkeep of Oil Engines in Andhra Region. During the year 1959-60, a sum of Rs. 0.03 lakh was spent out of the revised provision of

Rs. 0.16 lakh, and 168 farmers were trained under this scheme as against a target of 200 farmers.

Training of Fieldmen and Demonstration Maistries.—This scheme was envisaged for Training of Fieldmen and Demonstration maistries for a period of six months in the improved Agricultural practices for appointment in the department for arranging demonstrations and making intensive propaganda on the improved methods of Agriculture. During the first three years of the Plan, 178 fieldmen and 375 demonstration Maistries were trained at a cost of Rs. 0.43 lakh. During the year 1959-60, a provision of Rs. 0.81 lakh was made to train 178 fieldmen and an equal number of maistries against which an expenditure of Rs. 0.39 lakh only was incurred to train these persons, since the training could not be completed in time.

(*e*) *Agricultural Research Information and Statistics:*

Comprehensive Staff Scheme.—For effective supervision and successful execution of plan schemes pertaining to Agriculture Department it was proposed to appoint additional supervisory (Technical) and ministerial staff both in the Headquarters Office as well as in the districts. This scheme was started during 1956-57 with the staff consisting of one Superintending Engineer, One Headquarters Deputy Director (Research), one Assistant Agricultural Engineer, 11 Additional District Agricultural Officers and other complementary Ministerial staff and they were continued during the subsequent years. During the year 1959-60, a sum of Rs. 2.26 lakhs was spent on this scheme against the original provision of Rs. 2.98 lakhs.

Agricultural Research Station, Kamalapuram in Cuddapah District for paddy under left irrigations.—As the cultivation of paddy by lift irrigation is expensive, short duration, types with high yielding quality are necessary to minimise the water lifting charges in lift irrigated areas. It was therefore proposed to evolve strains of high quality better yieldings, types of paddy of requisite duration suitable to these tracts for which a Research Station was established at Kamalapuram during 1956-57. The expenditure on this scheme amounted to Rs. 0.21 lakh during the year under review.

Expansion of Central Tractor Workshop at Bapatla.—Under this scheme, it was proposed to expand the workshop at Bapatla during the Second Plan period at a cost

of Rs. 0.63 lakh. During the year 1957-58, 8 more additional posts were sanctioned for attending to the repairs and maintenance of tractors and other agricultural machinery of the department. Due to the non-availability of technical personnel, only half the number of additional posts sanctioned could be filled up so far and an expenditure of Rs. 0.06 lakh was incurred on this scheme during 1959-60.

Agricultural Information, Production and Training Service.—An Agricultural Information Unit was set up during 1956-57 with the staff consisting of one Agricultural Information Officer, one Publicity Assistant, one Artist, one U.D.C., one Typist and two peons, and the scheme was continued during the following years.

During the year under review, a special brochure "Agriculture in Andhra Pradesh" was brought out in connection with World Agricultural Fair at Delhi and leaflets were distributed at All-India Congress Exhibition, Bangalore. Out of the annual provision of Rs. 0.45 lakh only a sum of Rs. 0.16 lakh was spent on the scheme during the year under review.

Expansion of Marketing Activities in Andhra.—Under this scheme one Assistant Marketing Officer and ancillary staff were appointed at Vijayavada in 1956-57 besides one Marketing Assistant and recorder at the Headquarters. They were continued during the subsequent years and a sum of Rs. 0.27 lakh was spent on the continuance of this staff in 1959-60. The staff was intended, to attend to the improvement of regulated markets grading of commodities, dissemination of market intelligence, collection of data in regard to imports and exports of the various commodities, collection of prices of commodities and also for conducting seasonal and annual surveys of the various commodities in respect of their market.

Establishment of Union Research Station in Cuddapah District.—The object of the scheme is to increase onion production by evolving suitable strains of onions with better yields and longer keeping qualities. This scheme was taken up for implementation during 1957-58 and was continued in the following years.

The work under *varietal*, manurial-*cum*-irrigation crop rotation, cultural, propagational, spacings and storage

trials were pursued and the results were analysed during the year 1959-60. The work has to be continued for some more years for confirmating results.

So far, during the Second Plan Period a sum of Rs. 0.41 lakh has been spent against the total plan provision of Rs. 0.40 lakh.

Studies in Phosphatic Availability in Rice Soils.—The object of the scheme is to study the effect of phosphatic applications on the yield and quality as well as assimilation of Nitrogen and manurial requirements of various crops such as rice, ragi, etc. The scheme was taken up for implementation during 1956-57 and since then it was continued. During the year 1959-60 the experiments were conducted in 124 plots. Superphosphate was made into pellets for 32 plots. Basal doses of manures and fertilisers were applied as per treatments. A total of 116 plants, 29 straw, 29 gram and 29 final soil samples were taken out and analysed for the total $P_2 05$ content. The yield of Straw and grain were recorded in all the 124 plots. Against the Second Plan Provision of Rs. 0.29 lakh, a sum of Rs. 0.27 lakh was so far spent.

Study of Nitrogen fixing power of important leguminous crops.— The object of the scheme is to study the nitrogen fixing capacity of common leguminous green manure crops and pulses cultivated in Andhra area.

During the year 1959-60, twenty-two isolates were collected from important leguminous crops and are being maintained. BAS.201, BNS.211 and BGS.214 tested for efficiency in nodulation were tested for their effect on $P_2 05$ manuring. $P_2 05$ was applied at 0,15,30 and 45 lb. per acre. Sunhemp plants grown in Kharif season were inoculated with BAS.201, BNS.21 and BGS.214 leaving controls and the samples were taken up for analysis of total nitrogen. 213 plant samples were analysed for Nitrogen content. 64 plant samples harvested were analysed for total Nitrogen.

Though the scheme was implemented during the year 1959-60 with an annual provision of Rs. 0.05 lakh no expenditure was booked as the bills were not passed by Accountant-General.

Establishment of Zonal Parasite Breeding Stations at Ambajipet and Razole.—The object of the scheme is to breed on a mass scale, five parasites of the Nephanthes Serinopa, a serious pest of coconut palms, for its biological

control. The pest cannot be easily controlled by chemical means because of the height of palms and also because the Parasite can breed on the Palmyrah as well. The parasites that are released to attack the egg, larval and pupal stages of the pest, propagate themselves in nature and pursue the pest on the coconut and the palms as well. This helps in stepping up coconut production at an estimated increase of 100 nuts per acre.

The staff at Razole and Ambajipet consists of one upper subordinate, two fieldmen at each station. The staff at Razole has surveyed the infested plantations in 229 villages. The larval parasite Microbracon brevicornis was utilised for checking the infestation near coastal areas as it prefers humid conditions. The prepupal parasite Elasmus Nephantidis was utilised for putting down the pest infestation in Palmyrah which is alternative host of Nephanthis Serinopa. Most of the parasites reared in this station were released in 10,390 acres in Andhra Pradesh out of which 9,922 acres were covered in East and West Godavari Districts and 468 acres in other districts, *viz.*, Guntur, Krishna, Chittoor, Srikakulam and Hyderabad.

The staff at Ambajipeta has visited 198 villages in East Godavari district and released parasites in the infested gardens. Most of the parasites reared in the laboratory of this centre were released in 6,892 acres in East Godavari district and 353 acres in Srikakulam district. The construction of the parasite breeding laboratory at Ambajipet was taken up during January, 1960.

During the year 1959-60, a provision of Rs. 0.10 lakh was made to implement this scheme and an amount of Rs. 0.20 lakh was actually spent.

Intensive Investigation of Fruit Pests in Andhra.—The scheme for the investigation and trial of remedies for the important fruit pests was initiated during 1956-57 and is continued since then at Kodur and Bapatla. The staff consists of one Assistant Entomologist, two Assistants (one at Kodur and one at Bapatla) and two fieldmen (one at Kodur and one at Bapatla). At Kodur, three of the pests of citrus, *viz.*, Fruit sucking moshs, citrus leaf minor, and citrus mite, are being studied. During the year insecticidal trials for the abovementioned pests were conducted. Pests of cashewnut and sapota were studied at Bapatla. Survey, life history, collection and identification of different pests on the above mentioned

fruit plants have been carried out during the year under review. The actual expenditure on this scheme amounted to Rs. 0.18 lakh during the year as against a provision of Rs. 0.11 lakh.

Vegetable Research Station at Kurnool.—The object of the scheme is to breed high yielding, pest and disease resistant strains of Vegetables.

During the year 1959-60, varietal trials of Benda, Brinjal, Tomato, Bottle gourd and beans during rainy and winter seasons were conducted. Manurial-*cum*-spacing trials of Benda during rainy season and of Tomato during winter season were conducted. In addition to this, randomised replicated experiments for the control of Jassids on Benda, Shoof and fruit borer on Benda, Fruit fly on bitter gourd and pentatomid bug on bottle gourd were also conducted.

During the year 1959-60, a provision of Rs. 0.33 lakh was made against which an expenditure of Rs. 0.37 lakh has been incurred to complement the scheme.

Sugarcane Research Scheme at Anakapalli.—The object of the scheme is to evolve suitable schedules on varietal cultural and manurial aspects of sugarcane for cheapening the cost of production and to improve the yield and quality of cane.

Research work on Sugarcane was continued in the Agronomy, Chemistry, Physiology, Mycology and Entomology divisions at Anakapalli during the year 1959-60. Seventy-nine varieties were under examination in study plots and of these Co. 1229, C.P. 34179, C.P. 29/116, C.P. 29/320, and C.P. 49/50 have been found early maturing and will be passed on to the next stage of trial. Other promising varieties have been Co. 1214, Co. 1112, Co. 1193, Co. 1172, Co. 1176, Co. 1200 and Q. 50 and the former three have to be studied intensively. Different manurial experiments were also conducted during the year under review and an expenditure of Rs. 2.21 lakhs was incurred on this scheme during the year against the provision of Rs. 1.59 lakhs.

Scheme for providing Research facilities in Agricultural College, Bapatla.—The object of the scheme is to provide Research facilities at the Agricultural College by constructing laboratories, etc. A provision of Rs. 1.20 lakhs was made to in the revised estimates to implement the scheme. The work of

construction of buildings was entrusted to P.W.D. The work is expected to be completed in 1960-61.

Research Agricultural Engineering Section at Bapatla (Now shifted to Rajendranagar.)—A Research Engineering Wing was established during 1958-59 to attend to the following items of work :—

(*a*) Adaptability of filter point tube wells under varying conditions.

(*b*) Adaptability ot sprinkles irrigation.

(*c*) Designing new implements and improving the existing labour devices.

(*d*) Mechanisation aspects ct agriculture, and

(*e*) other agricultural engineering problems.

This Research Wing will help to reduce the cost of cultivation and bring more land under mechanised cultivation. During 1959-60, the staff appointed under the scheme was continued and an amount of Rs. 0.42 lakh was spent against the provision of Rs. 0.93 lakh.

Establishment of Banana Research Station at Tanuku (West Godavari District).—The object of the scheme is to evolve new varieties of Banana to suit local conditions and to determine best cultural practices and manurial doses to the crop. This scheme was taken up for implementation in 1957-58 at Tanuku and continued during the following years. During the year 1959-60, the data regarding the mixed cropping were analysed. A provision of Rs. 0.31 lakh was made in the revised estimates for the year, but the expenditure amounted to Rs. 0.26 lakh.

Equipment of Laboratory at Nandyal (Now shifted to Rajendranagar).—With a view to increase the production of Oilseeds in the State by evolving higher yielding strains advocating correct doses of manure and adopting improved cultural practices, a scheme was started at Nandyal for work on Oilseeds. Under this scheme it was proposed to construct buildings and purchase necessary equipment. Since the Headquarters of the Oilseeds specialist has since been shifted to Rajendranagar, the construction work was proposed to be taken up at Rajendranagar.

During the year 1959-60, an amount of Rs. 0.10 lakh was spent towards the building programme against a provision of Rs. 0.68 lakh.

Investigation of Ephelis disease of Paddy (False smut Leaf Blight).—Ephelis is one of the diseases to which the paddy crop is subjected to in Andhra Area. The object of the scheme is to investigate the method of infection, spread, etc., of false smut and Ephelis diseases of Paddy and evolve suitable remedial measures for the same. The varieties available will be studied for their resistance against the diseases. The work was taken up at the Agricultural Research Station, Bapatla.

During the surveys of false smut of paddy the disease incidence was recorded on 15 MTU, 6-SLO, 3-AKP varieties and on six other varieties. It was also recorded on 7 promising cultures thus bringing the total record to 37 varieties and cultures. The highest grain infection (4.57%) was noticed in GEB-24. In general, high humidity in post flowering periods seems to increase the incidence of grain infection, although the pattern is not the same throughout the State.

In a varietal resistance trial conducted with nine intermediate duration varieties at Samalkota and Bapatla, the varieties MTU-3 and 4 were found to be highly resistent followed by MTU-2 and HR-19 and in case of 18 late varieties, MTU-1, 12, 16, 7, SLO-13 were found to be highly resistant followed by MTU-5, 8,10 and SLO-11. Against a revised provision of Rs. 0.10 lakh, a sum of Rs. 0.15 lakh was spent on this scheme during under review.

Opening of Sugarcane Research Stations at Hindupur and in Chittoor District.—A sugarcane Demonstration Farm was opened at Hindupur during 1958-59 with one Sugarcane Assistant, one Fieldman, one Store-keeper and one peon. Besides Continuing this Demonstration Farm it was programmed to open a new sugarcane research station at Chittoor during 1959-60. A revised provision of Rs. 2.82 lakhs was made during the year to implement this scheme. Against this programme, an amount of Rs. 0.49 lakh was spent to continue the Demonstration Farm at Hindupur. The Sugarcane Research Station at Chittoor could not be opened on account of the difficulties in acquiring the site for locating the station.

Development of Plant Physiology and starting of Herbarium Section at Bapatla.—The object of the scheme is to intensify crop production by adopting physiological techniques using growth regulators, seed treatments,

nutriant foliar sprayers and the like. Effect of varied photo periods on different crops is also proposed to be studied.

During the year 1959-60, photo-periodic chamber was constructed at a cost of Rs. 10,000 for conducting research on the effects of varied photo periods on the growth and flowering of crop plants which will be of immense use in crop breeding programmes, various plant regulations like 3 indole acetic acid, 3 indole butyric acid, L.Naphthalene acetic acid, Beta-Naphthox acetic acid, 3 indoel pro-pionic acid, gibberlic acid, etc., were used for stepping up crop yields, for inducing parthenocarpy and for breaking dormancy of seeds.

During the year 1959-60, a provision of Rs. 0.21 lakh was made against which an amount of Rs. 0.206 lakh was spent to implement the scheme.

Co-ordinated Scheme for (a) breeding and evolution of rice strains resistant to pericularia disease and (b) Scheme for spring rice in flooded areas of Collair.—The blast disease of rice caused by pericularia is the most serious disease of paddy crop all over the paddy growing countries of the world. The object of the scheme is to evolve high yielding blast resistant strains of rice of different durations, suitable to different parts of Andhra Pradesh. The staff consisting of one Scientific Assistant, Pathology Assistant, one Fieldman and U.D.C., who were appointed in 1958-59 were continued during the year under review. The Assistant Rice Specialist Buchireddipalem was in charge of the Scheme.

The Collair Basin is a permanent Dalva Lane in which the Second (Tabi) rice crop will be usually raised from January to May. The local variety like Nallarlu usually comes to harvest in the third week of May, water scarcity will be felt even from the second fortnight of April when the crop will be in preflowing stage. It is therefore proposed to evolve suitable early maturing rice strains for the Tabi season that could tide over inadequate water supply at the vital flowering and maturing stage. During the year 1959-60, breeding materials were acquired from various centres and studied for their relative preference at Pulla. Work already done has resulted in the release of a fine cosmopolitan hybrid strain PLA-1 Study of "Nallarlu" the popular variety of the tract was also in progress during the year under review.

During the year 1959-60, a revised provision of Rs. 0.21 lakh was made against which an amount of Rs. 0.20 lakh was spent to implement this scheme.

Research on Cashewnut.—The Scheme was proposed for implementation during 1959-60 with a view to intensify research on Cashewnut at the cashewnut research station, Bapatla, for extending the area under cashewnut with correct methods of cultural and manurial practices and to overcome leaching in sandy soils which is the main reason for the present low yields of cashewnut. An area of 50 acres was proposed to be acquired for expanding research work. A laboratory, stores, additional buildings, equipment and staff will be provided. The Research work will be guided by the Government Horticulturist.

During 1959-60, an amount of Rs. 0.13 lakh was spent as against the revised provision of Rs. 0.12 lakh.

Work on Rice Cultivation in Saline areas.—The object of this scheme is to evolve rice varieties suitable for cultivation in Saline areas by introduction, selection and hybridisation. This scheme was included in the Second Plan during the current year.

Fourteen varieties received from Pavvel (Bombay), 8 varieties received from the genetic stock at Central Rice Research Institute, Cuttack, 4 varieties from Gosaba (West Bengal) and 3 varieties from Kerala, were tested for their salt tolerance. 42 strains, 44 types and 84 varieties were tested for their salinity resistance.

One hundred and forty-two hybrid cultures of 12 sets of crosses were tested for their salinity resistance. Two hybrid cultures of Co-18* Kuttur, viz., C-75 and C-87 have been released for the district trails with SR-26-B and C-10034 from the main season 1959-60. One hybrid culture C-1327 has also been released for district trials with MTU-9 as control from Second Crop Season 1959-60.

During the year under review a provision of Rs. 0.12 lakh was made in the Plan against which a total expenditure of Rs. 0.19 lakh was incurred to implement the scheme.

Upgrading Agricultural Research Station at Nandyal for Research work on cotton and oilseeds.—The object of the scheme is to facilitate fundamental Research on several varieties of cotton in the State and upgrade the present

cotton research station at Nandyal to the level of Central cotton Breeding Station at Coimbatore. An amount of Rs. 2.00 lakhs was provided in the Plan for this purpose. During the year 1959-60 a revised provision of Rs. 0.48 lakh was made to achieve this object. Out of this, Rs. 0.02 lakh was allotted for the purchase of equipment and the remaining amount was meant for construction of laboratory building and this provision was placed at the disposal of P.W.D. authorities to execute the work. Steps are being taken by them to implement the work during 1960-61. As such only Rs. 0.02 lakh was spent in 1959-60 to purchase the equipment and the total expenditure during the Plan period amounted to Rs. 0.59 lakh.

Token provision for implementing the recommendations of the Nalgarh Committee in Andhra Pradesh.—In accordance with the recommendations made by the Agricultural Administrative Committee commonly known as the Nalgarh Committee constituted by the Government of India, a token provision for implementing the recommendations of the Committee pending finalisation of detailed proposals has been made during 1959-60. An amount of Rs. 0.50 lakhs was provided in the revised estimates for implementing the various recommendations of the Committee in 1959-60. However no expenditure was incurred as the scheme was not sanctioned during 1959-60.

Scheme relating to studies in Soil Structure.—The object of the scheme is to determine the structure of soils and the treatment which would improve the conditions of soil for obtaining better crop yields.

During the year 1959-60, the scheme was implemented at the fag end of the year and no experimental work could therefore be undertaken during the year. However preliminary arrangements such as posting and training of the staff purchase of equipment etc., were made. A revised provision of Rs. 0.04 lakh was made during the year under review to implement the scheme against which an amount of Rs. 0.03 lakh was spent.

Setting up of Seed Certification Centres for Vegetable Crop : (Andhra Pradesh).—This scheme has been included in the Plan programme for 1959-60, at the instance of the I.C.A.R., for improving the quality of vegetable seeds produced in the country by regular inspection of vegetable crops and maintenance of pure top grade seeds suited to the different conditions prevailing in the State.

For this purpose, a Seed Testing Station has been established at Hyderabad with a vegetable seed store. Staff comprising of one Seed Testing Officer, 4 Junior Assistants one Junior Superintendent, one Upper Division Clerk, one Lower Division Clerk, 12 Laboratory attenders and 3 Peons have been appointed under the scheme. During 1959-60 an amount of Rs. 0.95 lakh was provided for the scheme in the revised estimates against which an expenditure of Rs. 0.15 lakh was incurred.

Production and distribution of town compost.—With a view to accelerate the production and distribution of urban compost by the Municipalities and Major Panchayats during the first two years of the Second Plan, an amount of Rs. 4.71 lakhs was disbursed as loan to 28 local bodies in Andhra area and about 1.56 lakhs tons of compost was produced by the local bodies. During the year 1958-59, an amount of Rs. 3.00 lakhs was disbursed as loan to 23 local bodies (13 in Andhra and 10 in Telangana) for producing about 1.92 lakhs tons of compost. During the year 1959-60, a sum of Rs. 2.92 lakhs was disbursed under this scheme in Andhra Pradesh and about 1.36 lakh tons of Compost was produced.

Development of compost from night soils (Loans to Panchayats.—This scheme envisages the production of compost from night soil by the Panchayats with population of 2,000 to 5,000 which have got some conservation arrangements. During 1958-59 an amount of Rs. 1.78 lakhs was sanctioned for distribution as loans to 100 Panchayats actually 99 Panchayats have been sanctioned loans—66 Panchayats in Andhra and 33 in Telangana. During 1959-60 an amount of Rs. 2.00 lakhs was proposed to be sanctioned as loans but an amount of Rs. 1.94 lakhs was actually disbursed in the entire state.

Development of Local manurial Resources (A.P.).—The object of this scheme is to raise the present level of manurial production in villages by conserving all locally available manurial resources and converting them into compost by improved methods. In the first instance, it was proposed to implement the scheme in the Block areas and to extend it later to cover the entire area by the end of the Second Plan. The staff Consisting of two Field Manurial Officers, 20 compost Inspectors, 20 Fieldmen, 202 Demonstration Maistries, and other complementary ministerial personnel was appointed.

Besides the 185 Blocks in which work was started upto the end of 1958-59, work in 55 new blocks was taken up during the year 1959-60 for intensive propaganda. Propaganda and demonstration on the better method of compost making, manure preservation and conservation of cattle urine, planting of green manure, leaf yielding shrubs and plants and the distribution of green manure seeds were the important items of work attended to by the staff. A quantity of 86.15 lakhs tons of compost was prepared. During the first three years of the Second Plan, a total of 13,785 farmers were trained in better methods of compost making while in 1959-60, 5017 farmers were trained.

An expenditure of Rs. 2.33 lakhs was incurred during the year under report against the provision of Rs. 2.50 lakhs.

Improvement of Marketing Intelligence in Andhra Pradesh.—This scheme aims at collection of reliable date regarding prices, arrivals, despatches of agricultural commodities and livestock products and dissemination of information thereon in order to improve the existing marketing news service for the benefit of the traders and producers. The scheme was first taken up in 1957-58 with two Marketing Assistants, two Lower Division Clerks and 2 Peons at Vijayawada and Warangal centres and a provision of Rs. 0.34 lakh was made for the continuance of this staff in 1959-60. The actual expenditure on the scheme amounted to Rs. 0.27 lakh.

Scheme for Agronomic Trials in Andhra Pradesh (Simple fertiliser trials on cultivators lands).—In order to derive the maximum benefit from the irrigation facilities that will be made available on completion of the irrigation projects, it was proposed by the I.C.A.R. that timely advice should be made available to cultivators regarding water requirements of crops, their manurial doses etc., relating to different soil types in the State. This scheme was implemented during 1958-59 and staff consisting of 5 supervisors 40 Fieldmen one Chemistry Assistant, one Laboratory Assistant, one Laboratory attender, one Upper Division Clerk, one Lower Division Clerk and one peon was appointed. The scheme was continued during 1959-60.

During the year under review 1060 experiments were conducted against a target of 1240 experiments. 893 soil samples have been collected from plots with simple

fertiliser during the year and the analysis of the same is in progress. A sum of Rs. 0.84 lakh was spent on this scheme, against a revised estimate of Rs. 0.93 lakh.

Regionalisation of Fruit Research (Andhra Pradesh).—With a view to intensify research on various fruit crops on a co-ordinated basis, the I.C.A.R. have sponsored a scheme for the establishment of a regional fruit research station at Kodur in Cuddapah district by taking over the existing research station. An amount of Rs. 1.00 lakh was provided in the plan for 1959-60. As sanction of the scheme was received late, the scheme could be taken up only in March, 1960 as a result of which an expenditure of Rs. 0.01 lakh only was incurred during the year under review.

Scheme for evolving groundnut varieties suitable for rice fallows.—The object of the scheme is to evolve suitable varieties of groundnut and to determine optimum cultural and manurial practices suitable for the crop in rice fallows. One Assistant Oil seeds Specialist, two Research Assistants two fieldmen and necessary ministerial staff have been appointed under this scheme.

During 1959-60 Kharif season, the following experiments were conducted at Masulipatnam and Rudrur centres.

1. Manurial Experiment.
2. Seed Rate-cum-date of sowing trial.
3. Varietal test.
4. Testing of Bulk samples received from districts and selection of single plants therefrom.
5. Trial of groundnut by sowing in paddy stubbles soon after harvest of paddy crop.
6. Effect of sowing of sprouted kernels as compared to that of unsprouted kernels.

A sum of Rs. 0.25 lakh was spent on this scheme during the year, against the revised provision of Rs. 0.51 lakh.

Weed Eradication Scheme.—The object of the scheme is to investigate the possibilities of using hormonal herbicises and formation of doses of different weeds suitable for different crops and soils. The scheme has been included in the plan during 1959-60 and a provision of Rs. 0.05 lakh was made in the revised Budget Estimates against

which an expenditure of Rs. 0.06 lakh has been actually incurred during the year under report.

Establishment of subhumid tropical Fruit Research Station.—The scheme aims at establishing a tropical fruit research station on Tirupathi hills which will serve as a good demonstration centre for the economic growing of fruits, beverages, and other horticultural crops besides offering facilities for selection and distribution of suitable seeds and plants for extension of the crops in similar areas of the State. This scheme has been included in the plan for 1959-60 towards the end of the year with a revised provision of Rs. 0.22 lakh. No expenditure was however, incurred on the scheme since the selection of the site for the station could not be finalised during 1959-60.

Betelvine Research Station in Cuddapah District.—A Research Station in Cuddapah district was established in 1958-59 for assessing the cropping potentialities of the various existing types of betel leaves. Under the scheme each variety will be grown in half to one cent plot to compare their performance for adjudging vigour and keeping and eating qualities. Staff comprising of one Assistant Horticulturist, two Research Assistants, two fieldmen, one laboratory attender, one clerk-cum-typist and one peon have been appointed. An anount of Rs. 0.35 lakh was provided in the revised estimates in 1959-60 for continuing the scheme against which an expenditure of Rs. 0.08 lakh was incurred during the year.

Intensive Investigation of Coconut diseases (Andhra Pradesh).—The object of the scheme is to investigate the diseases of the coconut palms in the State and evolve suitable methods to control them. The scheme was implemented in 1958-59 at Razole (East Godavari district) with one Assistant Plant Pathologist, One Assistant, two Fieldmen, one Clerk, one attender and two peons. It was proposed to continue the scheme during 1959-60 for which an amount of Rs. 0.23 lakh was made in the revised estimates. However, only Rs. 0.07 lakh could be spent under this scheme during the year under review.

Index Numbers of Agricultural Production:

A sum of Rs. 0.06 lakh was provided in the Plan for 1959-60 for continuing the compilation of the index numbers of Agricultural Production etc. The entire provision was spent by the close of the year. During

the year, district wise production of all important crops have been worked out for the year 1957-58 and index numbers for 1958-59 using the forecast estimates have been constructed. In addition tentative index numbers of farm harvest prices have been constructed for the years 1953-54 to 1956-57 taking the year 1952-53 as the base and the average farm prices for the district and the State have been calculated for the year 1957-58.

Rationalised Supervision of Patwaris Work:

With a view to ensuring adequate supervision over the primary reporting agencies *viz.*, Patwaris, Karnams in the recording of area particulars etc. and for working out suitable correction factors in respect of area statistics of important crops at the district level so as to arrive at reliable estimates of acreages under all crops in the State, a sum of Rs. 0.35 lakh was provided in the annual plan for appointing the staff. Against this a sum of Rs. 0.13 lakh was spent till the end of March, 1960. As the actual work has to be attended to by the Revenue Inspectors training was imparted to all the Revenue Inspectors in the State by Bureau of Economics and Statistics. 2,880 villages during the Kharif season and 2,865 villages during the Rabi Tabi season were selected for conducting the supervision work.

Telangana Region

(*A*) *Seed Farms and Seed Stores :*

With a view to step up agricultural production, a scheme for the establishment of seed farms and construction of seed stores at the rate of one in each of the C.D./CP/NES Blocks was initiated in 1957-58 at the instance of the Government of India. The seed farms will be useful in producing nucleus seed on a large scale for distribution to registered growers for running primary seed farms. The registered growers will produce pure seed on their fields under strict departmental supervision out of which 50% will be procured from the growers and stocked in the various seed stores for distribution to ryots.

Upto the end of 1958-59, 64 seed farms were establised and 40 seed stores were constructed. During the year under review 61 more seed farms were established, and

12 seed stores were constructed bringing the total to 125 seed farms and 52 seed stores.

An expenditure of Rs. 14.78 lakhs was incurred during the year under report against the original provision of Rs. 24.60 lakhs. The cumulative expenditure on this scheme amounted to Rs. 31.30 lakhs. The shortfall in the expenditure is mainly due to the delay in selection of sites, acquisition of land, etc.

(*B*) *Supply of Schemes :*

Distribution of Green Manure Seeds Like Sunnhemp and Daincha.—The object of the scheme is to popularise green manures among cultivators and with this object in view a subsidy of Re. 1 per maund is being granted to the cultivators. During the year under review, an amount of Rs. 0.06 lakh was provided in the annual plan to distribute the green manure seed on subsidised rates. The full provision was utilised during the year and 100 tons of green manure seed was distributed against the target of 225 tons.

Scheme for the adoption of Plant Protection Measures.—Under this scheme it was proposed to distribute 60 hand operated dusters and 60 hand operated sprayers and 10 power sprayers during the Second Five-Year Plan Period at an estimated cost of Rs. 7.43 lakhs. During the first three years, 60 hand operated dusters and 80 sprayers were distributed at a cost of Rs. 4.12 lakhs.

During the year under review, it was proposed to purchase 30 hand operated sprayers, 60 hand operated dusters and 5 power sprayers and to cover an area of 40,000 acres with plant protection measures at an estimated cost of Rs. 1.50 lakhs. Against this programme, an expenditure of Rs. 2.48 lakhs was incurred and 50 sprayers and 60 dusters were supplied during the year under review.

Mechanical cultivation by private tractors.—As the departmental tractors could not meet the demand from cultivators, it was proposed to entrust tractor ploughing under departmental supervision to private agencies owning tractors by providing loan assistance to them. During the year a provision of Rs. 0.05 lakh was made to cover

an area of 200 acres, but as the scheme was not sanctioned by the State Government, no expenditure could be incurred on the scheme.

Composting of Urban Waste.—With a view to improving manure production in city and town municipalities in Telangana Region, it was proposed to render financial assistance to the local bodies to enable them to purchase refuse and convert it into compost and for meeting the loss involved in its manufacture and distribution. During the first three years of the plan 3.00 lakhs tons of compost was produced by the local bodies under this scheme at a cost of Rs. 0.10 lakh. During 1959-60 a provision of Rs. 0.16 lakh was made to continue the scheme and produce 1.10 lakh tons of compost. Against this provision an amount of Rs. 0.15 lakh was spent during the year under review.

Subsidised Seed Multiplication and Distribution in Andhra Pradesh.—Under this scheme improved seeds of paddy, jowar, wheat, maize, and pulses will be purchased from the registered growers and distributed to the cultivators at subsidised rates, and for this purpose a sum of Rs. 9.01 lakhs was earmarked in the Second Five-Year Plan. During the first three years of the plan, 7693 tons of paddy, 567 tons of jowar, 25 tons of maize, 16 tons of wheat and 23 tons of pulses were distributed at a cost of Rs. 6.21 lakhs.

During the year 1959-60, the scheme was extended to Andhra Region also. A sum of Rs. 7.53 lakhs originally provided for the year 1960, was subsequently reduced to Rs. 4.11 lakhs in the Revised Estimates. The entire amount was spent towards subsidy for distributing 3,900 tons of paddy, 180 tons of jowar, 21 tons of wheat and 2 tons of pulses.

(*C*) *Development of Commercial Crops : Horticulture and Fruit Production :*

Kitchen Garden Scheme.—This new scheme was taken up for implementation in 1959-60. The object of the scheme is to produce more vegetables and subsidiary foods, and a provision of Rs. 0.20 lakh was made to lay out Kitchen and home gardens. Against this programme, an expenditure of Rs. 0.16 lakh was incurred to establish

1,000 Kitchen gardens and 100 home gardens in the twin cities of Hyderabad and Secunderabad.

Scheme for Production of Pedigree Fruit Plants.—Under this scheme, grafts or cuttings of important fruit trees will be obtained and distributed to cultivators for establishing orchards and the cost of the plants will be recovered from them as taccavi loans.

A provision of Rs. 0.18 lakh was made to implement the scheme during 1959-60 and the entire provision was utilised for distributing 24,641 pedigree fruit plants.

Training of Farmers and Gardeners in Horticulture.—The object of the scheme is to impart training in gardening to the interested candidates for proper development of horticulture. The scheme was taken up during 1957-58 and continued as an integrated scheme up to the end of 1958-59 the expenditure particulars being shown under Andhra Scheme.

A provision of Rs. 0.18 lakh was made for the continuance of this scheme in the revised estimates of 1959-60 and a sum of Rs. 0.15 lakh was spent and 30 candidates were trained during the year.

Development of Sugarcane in Factory Zones including intensive manuring scheme.—The object of the scheme is to demonstrate the result of varietal and manurial tests arrived at Sugarcane Research Station, Rudur, on cultivator's fields and to give wide publicity to the improved methods of Sugarcane cultivation. The development centre established at Nizamabad in 1957-58 was continued during 1959-60. Out of the revised provision of Rs. 0.22 lakh, a sum of Rs. 0.19 lakh was spent on the scheme during the year.

Improvement of Chillies.—With a view to meet the growing demand for chillies in overseas markets, it was proposed to undertake breeding and selection of higher yielding improved strains of chillies. For this purpose an area of 10 acres was acquired at Sangareddy in Medak district during 1957-58 and one Chillies Assistant and one Peon were appointed under this scheme. In 1958-59 a fieldman was appointed besides continuing the staff appointed in the previous year and a provision

of Rs. 0.08 lakh was made to continue the scheme in 1959-60 and the amount was fully utilised for the continuance of the scheme.

Scheme for the Introduction of Arecanut.—The object of the scheme is to undertake exploratory trials on growing arecanut by opening same ocular demonstration centres and an equal number of observation plots in suitable places where there is scope for successful cultivation of arecanut. This scheme was started at Rudrur agricultural farm on an area of two acres on 1-7-1958 with the ultimate aim of establishing arecanut industry in Telangana, particularly in Adilabad, Karimnagar and Warangal districts.

During 1959-60, an amount of Rs. 0.01 lakh was spent to continue the scheme against a revised provision of Rs. 0.01 lakh.

Research on Anab-e-Shahi Grapes.—This scheme was taken up for implementation during 1959-60, in order to investigate the factors responsible for the low yields by undertaking agronomical and physiological investigations and devising suitable cultural, manurial and pruning practices for the benefit of growers. The staff comprising of one Assistant Horticulturist, One Research Assistant, One Fieldman, One Clerk,-cum-Typist, one Mali and one Peon were appointed. During 1959-60, an amount of Rs. 0.49 lakh was provided for this scheme, in the revised estimates against which an expenditure of Rs. 0.06 lakh only was spent as all the staff proposed in the scheme could not be appointed.

(*D*) *Agricultural Education :*

Training of Farmers in Oil Engines.—With a view to impart training to farmers in the proper maintenance and upkeep of Oil engines, this scheme was taken up for implementation in 1957-58 and continued during the following years.

During the year 1959-60, a provision of Rs. 0.18 lakh was made to impart training to 461 farmers. Against this programme, an amount of Rs. 0.003 lakh was spent and 168 farmers were trained during the year under review.

Establishment of Herbarium Section at Rajendranagar.—The object of the scheme is to survey, collect, identify and preserve the collected specimens of flora in Andhra Pradesh for systematic identification of general species, natural order etc., to which plants belong. For this, a small Herbarium was set up at Rajendranagar during 1957-58 and a Research Assistant was appointed and continued during the following years.

During the period under report, 200 specimens were collected, out of which 150 specimens were identified and as against the provision of Rs. 0.05 lakh made for the continuance of the scheme in 1959-60, an amount of Rs. 0.07 lakh was spent.

Additional Staff for Agricultural Engineering.—The Assistant Agricultural Engineer at Hyderabad is not having any ministerial staff to assist him for maintaining accounts in respect of various schemes which are in operation in the Telangana Region. It was therefore proposed to appoint a Junior Superintendent, and one Store Keeper to assist the Assistant Agricultural Engineer and enable him to devote more time to implement the various scheme in addition to attending to day-to-day administration. But as the scheme was not sanctioned, the staff could not be appointed and hence no expenditure was incurred against the revised budget provision of Rs. 0.08 lakh.

E. Agricultural Research Information and Statistics Grow More Food staff (Additional) Scheme

To cope up with the increased work in the offices of the District Agricultural Officers in the Telangana districts, it was proposed to strengthen the staff in these offices as there was no sufficient staff to attend to the increased correspondence and accounts on account of inclusion of various plan schemes. During the years' 1957-58 and '58-59, 9 Agricultural Demonstrators to work as P.As. to the District Agricultural Officers, 9 U.D.Cs., 9 L.D.Cs. and 9 Typists in the district offices and 5 L.D.Cs. in the taluk offices were appointed. For continuance of the staff, an amount of Rs. 1.00 lakh was provided in the revised estimates of 1959-60 against which a sum of Rs. 0.76 lakh was actually spent.

Fodder Research Schemes—Rajendranagar.—The object of the scheme is to select suitable grasses and legumes for

fodder purposes both under rainfed and irrigated conditions. It is also proposed to improve the yields of fodder grasses and legumes by conducting agronomical experiments for establishing optimum schedules for irrigation, spacing and number of cuttings. The staff consisting of one Fodder Research Officer, one Research Assistant, Four Fieldmen and one clerk-cum-typist were appointed during 1956-57 and continued during the following years.

The following experiments were conducted during the period under review :

(1) Varietal-cum-periodicity of cutting experiment on cultivated grasses :

(2) Varietal-cum-number of irrigation experiments on six cultivated grasses ;

(3) Varietal-cum-spacing experiment on erect grasses.

(4) Study of performance of cultivated grasses under sewage irrigation ;

(5) Varietal-cum-spacing experiment with creeping grasses ;

(6) Yield trials with fodder jowar and cereals ;

(7) Studies on fodder jowar and legume mixture ;

(8) Manurial experiment with the berseem and pillipesara ;

During the year 1959-60 a provision of Rs. 0.16 lakh was made with revised estimates against which an expenditure of Rs. 0.17 lakh was incurred to implement the scheme.

Sugarcane Research Scheme, Rudrur.—The object of the scheme is to select high yielding sugarcane suitable for this St te and to reduce the cost of production by the evolution of appropriate manurial and cultural schedules. The scheme was started during the first plan period itself and the staff comprising one Assistant, one Fieldman, one tractor-driver, one cleaner and one peon appointed, then were continued in the subsequent years.

During the year under report 31 new cane varieties were received from Sugarcane Breeding Institute, Coimbatore. Of these Co. 1279, Co. 1281, Co. 1287, Co. 1290,

Co. 1291, and Co. 1293 were vigorous while juice quality of Co. 1279, Co. 1281, Co. 1287, and Co. 1290 was also found to be good.

In varietal observation test, forty varieties were tested. Based on yield and quality thirteen varieties—Co. Nos. 955, 1027, 1138, 1142, 1160, 1168, 1170, 1179, 1187, 1191, 1210, 1214, and 1220 were promoted to preliminary yield trials of 1960-61.

During the year preliminary and secondary yield trails were also conducted. The final yield trials covered eight varieties including Co. 527 as standard. Variety Co. 975 recorded highest cane yield of 40.01 tons per acre closely followed by Co. 997 (39.59 tons). The juice quality of Co. 785 was found to be good.

A provision of Rs. 0.51 lakh was made in the annual plan for 1959-60 against which an expenditure of Rs. 0.50 lakh was incurred to implement the scheme.

Fruit Research Scheme—Sangareddy.—Research work on custard apples and mangoes is being carried on at the Fruit Research Station, Sangareddy. As the irrigation facilities were not adequate for expending the garden area to carry on research work successfully it was proposed to provide two oil engines besides sinking a well. The scheme was taken up during 1958 59. The scheme also envisages the appointment of additional staff consisting of one Horticultural Assistant and Oil engine-driver. Against a provision of Rs. 0.10 lakh, an amount of Rs. 0.05 lakh was spent during 1959-60 under this scheme.

Conversion of the Post of Farm Superintendent, Warangal : into Class II Gazetted Post.—Due to the expansion of research work and the opening of various sub-sections of research at the main experimental farm, Warangal, the non-gazetted post of Farm Superintendent, Warangal was upgraded in 1957-58. A provision of Rs. 0.03 lakh was made in the revised estimates for the continuance of the post in 1959-60. The actual expenditure on the scheme amounted to Rs. 0.05 lakh.

Additional Requirements of Research Laboratories.—Most of the Government Laboratories attached to the Agricultural Research Stations of Telangana region are

not provided with up-to-date laboratory equipment and chemicals. It was, therefore, proposed to purchase necessary equipment and chemicals for the laboratories. For this purpose an amount of Rs. 0.15 lakh was provided in the annual plan for 1959-60, but the actual expenditure amounted to Rs. 0.08 lakh. During the year under review, one microscope was purchased for the Entomology section, Rajendranagar besides providing sanitary fittings to the paddy section.

Additional Requirements of Government Farms.—Government Agricultural Farms in the Telangana Region are underdeveloped when compared to the farms of the Andhra region. It was, therefore, proposed to provide additional equipment and construct building on the farms at Rajendranagar, Sangareddy, Dindi and Warangal.

During the year under review, a provision of Rs. 1.40 lakhs was made to implement the scheme, against which an expenditure of Rs. 0.81 lakh was incurred. One tractor and several pieces of implements worth Rs. 36,000 were purchased for the Warangal Farm, and an additional watchman was also appointed under this scheme.

Rainfed Paddy Scheme, Adilabad.—This scheme was taken up for implementation in 1958-59 at Adilabad with one Assistant, one Fieldman and one Peon to evolve high yielding paddy strains under rainfed conditions and to find out suitable agronomic, manurial and cultural practices and efficient and economic methods of plant protection. The scheme was continued during 1959-60 and an amount of Rs. 0.06 lakh was spent to implement the scheme against the provision of Rs. 0.07 lakh.

Improving Technique in Raising Tabi Nurseries of Paddy.—The object of the scheme is to devise ways and means of hastening the growth of seedlings during the Tabi season and to determine the individual and collective role of different factors which have a governing influence on the growth and development of the crop. During 1957-58 this scheme was implemented in the main experimental station, Rajendranagar with one Research Assistant, two Plant Collectors, one Clerk-*cum*-typiest and one peon and the scheme was continued during the subsequent years.

During 1959-60 a revised provision of Rs. 0.08 lakh was made for this scheme against which an amount of Rs. 0.07 lakh was spent.

Crop Weather Observation Scheme—Rajendranagar.—This scheme was implemented during 1957-58. At Rajendranagar, observations were limited to 3 crops, *viz.*, Kharif, Jowar, Abi paddy and Tabi paddy. During the year under review, observations as per the scheme prescribed by the Director of Agricultural Meteorology were recorded and forwarded to Poona for scrutiny and interpretation. Against the revised provision of Rs. 0.06 lakh, a sum of Rs. 0.05 lakh was actually spent on this scheme during 1959-60.

Crop Weather Observation Scheme—Rudrur.—Under this scheme, it was proposed to undertake crop weather observations work on paddy and sugarcane. This scheme was continued during 1959-60. During the year under report observations were recorded and sent to Poona for scrutiny and interpretation. A sum of Rs. 0.056 lakh was utilised on this scheme during 1959-60 against the plan provision of Rs. 0.060 lakh.

Crop Weather Observation Scheme—Warangal.—This scheme was taken up for implementation at Warangal from 1957-58. During the year under review, crop weather observations were recorded in respect of Kharif Jowar, Groundnut and Rabi jowar and sent to Poona for scrutiny and interpretation. There was an expenditure of Rs. 0.08 lakh on this scheme during 1959-60 against the plan provision of Rs. 0.06 lakh.

Establishment of Exploratory Station for Virginia Tobacco at Burgamphad.—An exploratory station was established at Burgamphad during 1958-59 to raise nurseries of virginia tobacco on scientific lines and determine the adequate doses of different manures and plant protection measures. The seedlings produced in these nurseries will also be distributed to ryots. Staff consisting of one Botanical Assistant, one Soil Survey Assistant two Fieldmen, one Clerk-*cum*-typist, one Curer, one Engine Driver and one Peon were also appointed in 1958-59. The scheme was continued during the year under review and an expenditure of Rs. 0.19 lakh was incurred on the scheme during the year against a provision of Rs. 0.21 lakh.

Establishment of Exploratory Station for Nepani Tobacco at Alampur.—An exploratory station for Nepani tobacco was set up at Alampur in Mahaboobnagar district during 1958-59 for raising nurseries of Nepani tobacco on scientific lines and to determine the adequate doses of different manures and plant protection measures. The staff consisting of one Botanical Assistant, two Fieldmen, one Oil Engine Driver and one Peon was appointed during 1958-59 and continued during 1959-60 and a sum of Rs. 0.09 lakh was spent on the scheme against the annual provision of Rs. 0.08 lakh.

Establishment of Exploratory Station for Guntur White Ash Tobacco at Kazipet (Warangal).—During 1958-59 an exploratory station was set up at Kazipet with a view to raise nurseries of Guntur White Ash Tobacco on sicientific lines and to determine the adequate doses of different manures and plant protection measures. The seedlings raised in these nurseries will be distributed to the cultivators.

One Botanical Assistant, one Fieldman, one Clerk-*cum*-typist, one Curer, one Engine Driver and one Peon were appointed to work at this station last year. The scheme was continued during the year 1959-60. The venue of the scheme was shifted to Warangal during the year under report.

An expenditure of Rs. 0.14 lakh was incurred during the year 1959-60 on the scheme against a provision of Rs. 0.15 lakh.

Organisation of Statistical Section.—It was proposed to strengthen the staff of the statistical branch in the Directorate of Agriculture to cope up with the increasing needs of the Department.

During the year under review the Statistical Section has attended to the work of collection of data on Agro-botanical surveys as envisaged in the scheme. Besides, 160 experiments were studied in detail on the spot and suitable modifications in the layout plans were suggested to the Research Officers. The post of Assistant Statistician was also filled up during the year. A sum of Rs. 0.08 lakh was spent on the scheme against the plan provision of Rs. 0.22 lakh.

Establishment of Sesamum Research Station at Karimnagar.—The object of the scheme is to evolve high yeilding and higher oil content strains suitable to the sesamum growing areas in the Telangana region. This scheme was taken up during 1958-59 at Karimnagar with a staff of one Research Assistant, two Fieldmen and two Ploughmen and was continued during 1959-60. An expenditure of Rs. 0.15 lakh was incurred against the revised provision of Rs. 0.13 lakh and the following items of work have been taken up at the Research Station :

(1) Acquisition of material from various sesamum growing tracts of the State and from outside the State including foreign countries.

(2) Studies of the material acquired on systematic lines with a view to evaluate their characterstics, *vis-a-vis* local varieties and to assess their comparative performance and suitability to the local tracts.

(3) Isolation and selection in the acquired material with a view to evolve high yielding and high oil-content strains of sesamum.

(4) Trials of promising strains so evolved in preliminary yield tests and varietal tests against the local and standard strains.

(5) Studies on the reaction of the material at hand to incidence of phyllody disease under field conditions and selection for resistance to phyllody disease.

Investigation of Ground Water Resources.—Under the scheme, it was proposed to take a few trial bores to a depth of about 600 feet in suitable areas for investigations of ground water resources to explore the availability of water for irrigation. In the previous years, an amount of Rs. 0.10 lakh was utilised. During 1959-60 for sinking bores to a depth of 400 ft. an amount of Rs. 0.06 lakh was provided in the plan. But, no expenditure was incurred since the work could not be taken up in 1959-60 due to administrative difficulties.

Mango Research Scheme—Sangareddy.—The object of this scheme is to develop mango production by intensifying research on mangoes at the Mango Research Station —Sangareddy. The scheme was implemented during 1957-58 by appointing one Research Assistant and one

Peon. During 1958-59 the scheme was continued and one Fieldman, one Clerk-*cum*-typist and one Mali were appointed in addition to the staff appointed previously. The scheme was continued during 1959-60 also and an expenditure of Rs. 0.14 lakh was incurred on the scheme against the plan provision of Rs. 0.18 lakh.

Expansion of Marketing Department.—In view of the increased activities following the establishment of more regulated markets, it has become necessary to strengthen the marketing section of the Directorate of Agriculture to effectively control and coordinate the different units of the organisation. The staff consisting of one State Marketing Officer, one Junior Superintendent, two Lower Division Clerks, one Typist and six peons were continued during the year under review besides continuing the staff comprising of one Deputy Marketing Officer, one U.D.C and one Typist under 'Warehousing scheme.'

During the year 1959-60 an expenditure of Rs. 0.37 lakh was incurred on the above against a provision of Rs. 0.66 lakh.

Statistical Organisation in the Marketing Section.—With a view to strengthening the staff of the marketing section engaged in the collection of data on prices, arrival of stocks, etc., of agricultural commodities and compilation of data in the form of Marketing Bulletins and publishing the same periodically for the benefit of the public it was proposed to establish a statistical section at the Head Office with one Statistical Officer, one Marketing Assistant one Recorder, one Typist and two peons.

Against this programme, only the post of Statistical Officer was filled up during the year 1959-60 and against the provision of Rs. 0.18 lakh only a sum of Rs. 0.02 lakh was spent on the scheme.

Wheat Rust Control Scheme.—Under this scheme, research was being conducted since 1955-56 to find out measures for averting "Wheat Rust" which is a major disease of wheat. With a view to intensify the Research Programme this scheme was included in the second plan during 1958-59 The expenditure is to be borne by the I.C.A.R. and the State Government in 50 : 50 basis.

A provision of Rs. 0.08 lakh was made in the annual plan to implement the scheme during the year under review against which an expenditure of Rs. 0.05 lakh was incurred.

Establishment of Variety Testing Station, Wyra.—A variety testing station was established during 1958-59 at Wyra for the trial of improved Paddy strains and for manurial and cultural trials to find out optimum requirements of seedlings in the Project areas. Staff consisting of one Research Assistant, two fieldmen, one store keeper, one Laboratory Attendant and one peon was also appointed. During the year 1959-60, the scheme was continued and an amount of Rs. 0.14 lakh was spent against a provision of Rs. 0.25 lakh.

Botanical Section, Dindi (Crop Improvement Scheme).—A Botanical section was established at Dindi during 1958-59 to conduct observations on Jowar, Cotton, Wheat and Groundnut crops for obtaining increased yields. For the continuance of the unit in 1959-60, a provision of Rs. 0.05 lakh was made in the annual plan but, only a sum of Rs. 0.011 lakh was spent during the year.

Evolution of Gall Fly Resistant Varieties of Paddy, Narsampet (now shifted to Mahabubabad).—The Gall Fly enters the tissues of the paddy plant and hence, any outward application of insecticides is not quite effective. The object of the scheme is to evolve Gall Fly resistant varieties of paddy. Though the scheme was proposed to be implemented in 1958-59 it was not sanctioned. During the year 1959-60, a provision of Rs. 0.20 lakh was made in the revised estimates to implement the scheme. Against this programme, a sum of Rs. 0.03 lakh only was spent. The short fall in expenditure is due to late implementation of the scheme on account of administrative difficulties.

Co-ordination Maize Breeding Station, Amberpet.—With a view to developing hybrid maize production in India on a commercial scale, the I.C.A.R.sponsored a co-ordinated maize breeding scheme. Under this scheme a Research Centre was established in Amberpet, (Hyderabad) during 1957-58. One Maize Breeder, one Assistant Maize Breeder 3 Research Assistants, 8 Fieldmen, 2 clerks, one Mechanic, one Assistant Mechanic, 2 truck drivers, two tractor drivers, 2 peons and one sweeper were appointed under

this scheme and they were continued during the year 1959-60. The recurring expenditure is wholly financed by the Indian Council of Agricultural Research and non-recurring expenditure by way of land, cattle and buildings etc. by the State Government.

During the Kharif season of 1959-60 in all 112 exotic inbreds—97 from U.S.A. 4 from Egypt and 11 from F.A.O.—were maintained. All the inbreds received from F.A.O. and 8 from Punjab were found to be poor in vigour and hence discarded. During Rabi, 78 inbreds were studied These include 2 fresh arrivals from U.S.A. and 8 from Phillipines. Apart from these, 18 sweet corn and 7 Popcorn lines also were obtained from U.S.A. and studied. Forty four inbreds including W.F. 9 KYS, CI 21E, CI. 187-2 LIO and inbreds of Texas 26 and Disi 33 are giving better performance. Besides this, during the year under review inbreding in the local as well as the adopted exotic varieties has been taken up.

During the year 1959-60 a provision of Rs. 1.37 lakhs was made in the revised estimates against which an amount of Rs. 0.98 lakh was spent.

Scheme for testing and Demonstrating the response of Chemical Fertilisers on the Production of Castor.—This scheme was taken up for implementation in 1959-60. The object of the scheme is to determine the optimum dose of Nitrogen and Phosphonic acid in the form of inorganic fertilisers either with or without farmyard manure towards increasing the production of castor, and to demonstrate to the cultivators the advantages of manuring castor. The staff consisting of one Research Assistant, three Fieldmen and one Lower Division clerk were appointed under the scheme.

During the year under review a provision of Rs. 0.15 lakh was made in the revised estimates, to layout 40 demonstration blocks in the three districts of Nalgonda, Mahbubnagar and Warangal. Against this programme, a sum of Rs. 0.06 lakh was spent and 37 demonstration blocks were laid out in the three districts.

Comprehensive Sugarcane Research Scheme.—This scheme was brought into the plan during the course of the year 1959-60 to make a detailed study of the factor responsible for the low yields in the Telangana area. The

work is to be conducted at the Sugarcane Research Station Rudrur and though an amount of Rs. 0.25 lakh was provided in the revised budget estimates, no expenditure could be incurred as the scheme was not sanctioned during the year under review.

Gramasevikas Training Centres (Andhra Pradesh).—In the plan for 1959-60 a sum of Rs. 9.16 lakhs was provided to impart training to 627 village level workers, 120 Gramasevikas and 40 village Artisians.

Against this, a sum of Rs. 13.53 lakhs was spent and 634 Village Level Workers (including 98 village level workers who completed the training in April 1960), 73 Gramasevikas and 24 village Artisans were trained during the year under review.

Statement I will show the financial and physical targets and achievements during 1959-60.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs).

Serial No.	Name of the scheme.	FINANCIAL TARGETS AND ACHIEVEMENTS. Second Plan provisions as revised last.	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA						
	(*a*) *Seed Farms and Seed Stores:*						
1.	Multiplications and distribution of seeds ..	119.43	18.17	29.54	18.01	44.56	28.81
2.	Scheme to run two zonal nucleous seed farms of improved strains of groundnut and castor	1.24	..	0.27	0.31	0.33	0.43
3.	Rabi campaign in Andhra Pradesh	4.60	..	..	3.60	..	0.41
4.	Kharif campaign in Andhra Pradesh	3.46	..	..	..	..	0.48
	(*b*) *Supply Schemes:*						
1.	Japanica Indica crosses for evolution of thrifty strains.	0.38	0.09	0.07	0.08	0.08	0.07
2.	Improvement of Akkulu variety of Paddy ..	0.15	0.02	0.02	0.03	0.03	0.04
3.	Evolution of improved millets (Employment of staff).	0.32	0.03	0.05	0.06	0.06	0.08
4.	Control of Pests and Diseases..	32.04	3.14	6.27	6.13	5.42	9.44
	Establishment of District Service Stations to cater to the needs of Agricultural Machinery of ryots and of Agricultural Department ..	2.82	..	0.17	0.12	1.47	0.69
6.	Purchase and distribution of tractors in Hire purchase system	29.18	6.89	12.34	2.95	..	1.51

I.

SUB-HEAD OF DEVELOPMENT: *Agricultural Production.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS.					
		Second Plan Target	Achievements in 1956-57.	1957-58.	1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(i) Establishment of seed Farms ..	No.	303	..	47	117	129	189
(ii) Construction of Seed Store ..	No.	303	..	35	78	129	22
Research Scheme							
No targets							
..							
Research Scheme							
Research Scheme							
Staff Scheme							
Purchase of							
(i) Power Sprayers ..	No.	330	21	19	..	72	..
(ii) Hand operated sprayers ..	No.	2,000	63	1,020	119	400	500
(iii) Hand operated dusters ..	No.	2,000	90	200	100	400	500
(iv) Vans ..	No.	4	..	4	..	..	..
Establishment of District Service Stations ..	No.	6	..	1	4	1	1
Tractors	No.	375	41	79	18	..	10

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.*

(Rs. in lakhs).

Serial No.	Name of the scheme.	FINANCIAL TARGETS AND ACHIEVEMENTS. Second Plan provisions as revised last.	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7.	Distribution of Agricultural implements on hire purchase system	4.14	..	0.87	1.27	1.00	0.94
8.	Subsidised distribution of rotary loans for Japanese method of paddy cultivation	2.50	..	..	..	..	0.85
9.	Scheme for the supply of improved, imported agricultural implements ..	0.08	..	..	..	..	0.01
10.	Scheme for subsidised distribution of Hand operated sprayers and dusters ..	2.29	..	..	0.49	..	0.87
(c)	*Development of commercial crops, Horticulture and Fruit Preservation :*						
1.	Scheme for the Production of G2 Chillies	1.29	0.19	0.32	0.21	0.29	0.18
2.	Cotton Extension Scheme ..	3.66	0.40	0.25	0.41	1.40	0.98
3.	Trial of Mungari Cotton ..	0.97	0.12	0.19	0.16	0.05	0.15
4.	(*i*) Sugarcane Development in Andhra ..	10.81	0.93	1.85	2.47	3.07	2.92
	(*ii*) sugarcane intensive manuring scheme ..	0.40	..	..	..	0.30	..
5.	Tobacco Extension Service.	3.08	0.28	0.70	0.68	0.77	0.83
6.	Starting pulses improvement work on regional basis in Andhra	0.88	..	..	0.11	0.08	0.12
7.	Improvements of Bhimunipatnam jute in Andhra ..	0.52	..	..	0.09	0.09	0.10

I.

SUB-HEAD OF DEVELOPMENT : *Agricultural Production.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS.					
		Second Plan Targets	Achievements in 1956-57.	Achievements in 1957-58.	Achievements in 1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Volue of Agricultural implements supplied	Rs. in lakhs.	4.14	..	0.87	1.27	1.00	0.94
	No Targets.						
Hand operated sprayers and dusters. ..	No.	1,500	..	..	272	500	..
(i) Area to be cultivated.	Acs	30,000	1,600	3,530	7,165	6,000	2,432
(ii) Production of Chillies ..	Tons	3,000	100	353	716.5	600	243.2
Additional Production of Cotton 392 lb. ..	Bales of	1.65,000	4,000	4,000	21,475	400	1,50,000
	Research Scheme.						
	Staff Scheme						
	Research Scheme.						
	Research Scheme.						

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.*

(Rs. in lakhs).

Serial No.	Name of the scheme.	FINANCIAL TARGETS AND ACHIEVEMENTS.					
		Second Plan provisions as revised last.	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
8.	Training of Gardeners (Malis) in Andhra	0.74	..	0.11	0.28	0.20	0.18
9.	Training of farmers in fruits and vegetables preservation	0.18	..	0.02	0.08	0.04	0.02
10.	Scheme for routine analytical work at the oil seeds specialist station, Rajendranagar.	0.30	..	..	0.08	0.14	0.11
11.	Protection of Sugarcane crop against pests and diseases.	1.29	..	0.59	0.22	0.24	0.23
12.	Multiplication and distribution of						
	(*a*) Laxmi Cotton ..	0.62	..	..	0.11	0.27	0.62
	(*b*) Western Cotton ..	0.41	..	..	0.30	0.05	0.17
13.	Scheme for encouraging Arecanut cultivation in Andhra.	0.03	..	..	0.01	0.03	0.01
14.	Scheme for doubling the production of coconut seedlings at Samalkot, Anakapalli and Maruteru ..	0.98	..	..	0.19	0.37	0.26
15.	Development of Cashewnut in Andhra Pradesh ..	8.61	..	..	2.30	3.11	4.90
16.	Fruit Development Scheme in Andhra Pradesh ..	34.10	..	3.69	12.62	8.86	9.56
17.	Coconut Development Scheme	3.75	..	..	0.47	1.75	1.48
18.	Oil Seeds Development Scheme in Andhra Pradesh.	5.05	..	..	0.31	2.71	2.69
19.	Oil Seeds Extension Scheme in Andhra Pradesh ..	2.98	..	..	0.37	4.50	0.31
20.	Scheme for trial and development of harsh and short staple cotton in Araku valley	..	..	..	..	0.18	..

I.

SUB-HEAD OF DEVELOPMENT: *Agricultural Production.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS. Second Plan target	Achievements in 1956-57	1957-58	1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Gardeners . .	No.	120	..	80	59	60	49
Farmers	No.	288	..	25	32	72	50
	Research Scheme.						
	Research Scheme.						
Area to be covered	.. Acs.	50,000	..	..	3,852	8,625	3,500
Centres ..	.. No.	..	..	10		Continuance.	
Coconut Seedlings .	No	No Specific targets are envisaged.					
Area to be cultivated under Cashewnut	.. Acs.	8,000	..	..	2,210	6,000	4,245
Area cultivated with fruits.	Acs.	7,500	..	8,328	..	3,000	3,000
Seedlings ..	.. No.	No Specific targets are envisaged.					
Oil seeds production	.. Tons in lakhs.	1.39	..	..	0.32	1.03	0.60
	No targets envisaged.						
	Research Scheme.						

STATEMENT

HEAD O VELOPMENT: *Agricultural Programmes.*

(Rs. in lakhs).

Srl. No.	Name of the scheme.	Second Plan provisions as revised last.	FINANCIAL TARGETS AND ACHIEVEMENTS. 1956-57 Expenditure.	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	(d) Agricultural Education :						
1.	Training of Tractor Operators	0.67	..	0.13	0.16	0.19	0.14
2.	Strengthening of Agricultural College, Bapatla ..	7.02	..	0.72	1.06	1.50	1.05
3.	Deputation of Officers for post graduate studies in India	0.40	..	..	..	0.25	0.09
4.	Building up named references, collection of insect pests at Agricultural College, Bapatla	0.32	..	0.02	0.10	0.07	0.13
5.	Scheme for Training of Farmers in Oil Engines ..	0.36	..	..	0.04		0.03
6.	Training of fieldmen and Demonstration maistris ..	2.05	0.18	0.15	0.10	0.81	0.39
	(e) Agricultural Research Information and Statistics :						
1.	Comprehensive Staff Scheme.	6.58	0.25	0.88	0.70	2.93	2.26
2.	Agricultural Research Station at Kamalapuram in Cuddapah district for paddy under lift irrigation ..	1.10	0.02	0.19	0.24	0.11	0.21
3.	Expansion of Central Tractor Workship, Bapatla ..	0.63	..	0.40	0.07	0.08	0.06
4.	Agricultural Information Production and Service ..	0.72	0.04	0.12	0.10	0.45	0.16
5.	Expansion of Marketing in Andhra	1.18	0.17	0.25	0.22	0.27	0.27
6.	Establishment of Onion Research Station in cuddapah District	0.40	..	0.03	0.15	0.07	0.23
7.	Studies in Phosphatic availability in rice soils ..	0.29	0.05	0.07	0.07	0.04	0.08

I.

SUB-HEAD OF DEVELOPMENT. : *Agricultural Production.*

PHYSICAL TARGETS AND ACHIEVEMENTS.

Item.	Unit.	Second Plan target	Achievements in 1956-57.	1957-58.	1958-59. Target for 1959-60.	Achievement in 1959-60.
(8) (9)	(10)	(11)	(12)	(13)	(14) (15)	(16)
Tractor Operators						
Outsiders	.. No.	360	..	65	61 72	71
Departmental	.. No.	120	..	24	22 24	13
Increase in admissions	.. No.	480	10	48	48 48	48
Officers	.. No.	14	..	..	2 2	2
Research Scheme.						
Farmers to be trained	.. No.	840	..	..	200	168
(i) Fieldmen	.. No.	500	..	..	178 178	..
(ii) Maistries	.. No.	500	98	99	178 178	..
Staff Scheme.						
Research Scheme.						
Staff Scheme.						
Establishment of Agricultural Information Centres	No.	1	1	..	Continuance	
Staff Scheme.						
Establishment of Research Station ..	.. No.	1	..	1	Continuance	
Research Scheme.						

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the scheme.	FINANCIAL TARGETS AND ACHIEVEMENTS. Second Plan provisions as revised last.	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
8.	Study of Nitrogen fixing power of important leguminous crops ..	0.36	0.03	0.10	0.10	0.05	..
9.	Establishment of Zonal parasite breeding station, Ambajipet	0.56	..	..	0.13	0.10	0.20
10.	Intensive investigation of fruit pests in Andhra ..	0.49	0.01	0.12	0.15	0.11	0.18
11.	Scheme for the Establishment of vegetable research station including the scheme for intensive investigation of Vegetable Research at Kurnool	1.05	0.07	0.18	0.33	0.33	0.37
12.	Sugarcane Research Scheme at Anakapalle ..	9.08	1.42	2.52	1.79	1.89	2.22
13.	Providing Research facilities in Agricultural Collge, Bapatla	2.40	..	..	..	1.12	..
14.	Research agricultural Engineering section at Agricultural College, Bapatla ..	1.92	..	..	0.05	0.93	0.42
15.	Establishment of Banana Research Station, West Godavari District	0.72	..	0.01	0.23	0.25	0.26
16.	Equipment for Laboratory at Rajendranagar for Work on Oil seeds.. ..	0.82	..	..	..	0.63	0.10
17.	Investigation of Epheilious disease of paddy ..	0.28	..	..	0.08	0.15	0.16
18.	Opening of Sugarcane Research Station in Chittoor and Hindupur ..	4.73	..	..	0.10	2.44	0.49
19.	Development of Plant Physiology and Starting Herbarium, Bapatla ..	0.37	..	..	0.03	0.45	0.21
20.	Co-ordination scheme for breeding and evolution of rice strains resistant to pericularia disease and scheme for work on spring rice in flooded areas, Collair ..	0.39	..	..	0.05	0.17	0.20

1.

SUB-HEAD OF DEVELOPMENT: *Agricultural Production.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS. Second Plan target	Achievements in 1956-57.	1957-58.	1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
		Research Scheme.					
Establishment of Parasite breeding Station	.. No.	1	..	..	..	Continuance	
		Research Scheme.					
		Staff Scheme.					
		No targets envisaged.					
Establishment of Research Wing ..	.. No.	1	..	..	..	..	..
Research Station	.. No.	1	..	..	1	Continuance	
		Research Scheme.					
		Research Scheme.					
Opening of—							
(i) Research Sections	.. No.	1	..	..	..	1	1
(ii) Demonstration farm.	No.	1	..	..	..	1	1
		Staff Scheme.					
		Research Scheme.					

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the scheme.	Second Plan provisions as revised last.	FINANCIAL TARGETS AND ACHIEVEMENTS. 1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21.	Research on Cashewnut at Bapatla	0.19	..	..	..	0.05	0.13
22.	Work on rice cultivation in Saline Areas	0.29	..	..	..	0.09	0.19
23.	Up grading of Agricultural Research Station, Nandyal for Research and Fundamental studies in cotton and Oil Seeds	2.00	0.17	0.10	0.30	0.50	0.02
24.	Token provision for implementing the recommendations of the Nalagarh committee, Andhra Pradesh ..	2.50	..	..	..	1.00	..
25.	Scheme relating to studies in soil structure ..	0.16	..	..	..	0.10	0.03
26.	Setting up seed certification centres Andhra Pradesh ..	1.35	..	..	..	1.30	0.15
27.	Production and distribution of town compost ..	14.02	2.02	2.69	3.00	3.00	2.32
28.	Development of Local manurial sources, Andhra Pradesh	9.92	..	0.78	2.64	4.00	2.3
29.	Development of compost from night soil (Loans to Panchayats).	5.28	..	..	1.78	2.00	1.94
30.	Improvement of marketing Intelligence, Andhra Pradesh	1.13	..	0.02	0.17	0.34	0.27
31.	Scheme for Agronomic Trials in Andhra Pradesh ..	2.49	..	..	0.56	0.96	0.84
32.	Regionalisation of Fruit Research, scheme in Andhra Pradesh	4.72	..	..	..	1.00	0.01
33.	Scheme for evolving groundnut varieties suitable for rice fallows	0.58	..	..	0.05	..	0.25
34.	Weed Eradication scheme in Andhra	0.05	..	..	..	..	0.06

SUB-HEAD OF DEVELOPMENT :—*Agricultural Production*

Item.	Unit.	Second Plan target	Physical Targets and Achievements. Achievements in 1956-57.	1957-58.	Target for 1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Research Scheme.						
	Research Scheme.						
	Research Scheme.						
	Staff Scheme.						
	Research Scheme.						
Establishment of certifying stations ..	.. No.	1	..	..	..	1	1
Production of Compost ..	.. Tons	6,22,000	90,000	66,429	1,92,000	1,36,000	1,36,000
(i) Coverage of Blocks ..	.. No.	447	..	56	124	150	55
(ii) Farmers trained ..	.. No.	44,700	..	4,784	11,785	13,000	1,321
Loans to be disbursed ..	.. Rs. in lakhs.	5.28	..	..	1.78	2.00	1.94
	Staff Scheme.						
	No targets envisaged.						
Regional Fruit Research Station ..	.. No.	1	..	..	..	1	..
	Research Scheme.						
	Research Scheme.						

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the scheme.	FINANCIAL TARGETS AND ACHIEVEMENTS.					
		Second Plan provisions as revised last.	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
35.	Betel-vine Research Station in Cuddapah District ..	0.53	..	..	0.02	0.30	0.08
36.	Investigation of Coconut diseases under Coconut Development Scheme ..	0.24	..	..	..		0.07
37.	Scheme for completion of Indix number of Agricultural production. ..	0.20	..	..	0.06	0.06	0.06
38.	Pationalised Supervision of Patvarie. ..	0.60	..	..	..	0.25	0.18
39.	Gram Sevaks Training Centre	52.37	4.26	5.66	7.92	6.01	9.47
	Total	456.80*	29.76*	64.89*	71 89*	120.71	99.25

I.

SUB-HEAD OF DEVELOPMENT: *Agricultural Production.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS.					
		Second Plan target	Achievements in 1956-57.	1957-58.	1958-59.	Target for 1959-60.	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Continuance.						
	Research Scheme.						
	No targets envisaged.						
	do						
Training of							
(*i*) V. L. Ws.	No.	3752	424	411	722	627	684
(*ii*) Gramasavaks.	,,	N.A	40	84	41	120	73
(*iii*) Village artizans.	,,	N.A		87		40	24

STATEMENT I

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the scheme.	Second Plan provisions as revised last.	FINANCIAL TARGETS AND ACHIEVEMENTS. 1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget.	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TELANGANA.						
	(a) Seed Farms and Seed Stores :						
1.	Seed Farms and Seed Stores. (including seed multification scheme)	44.71	1.96	4.41	10.15	24.60	14.78
	(b) Supply Schemes.						
1.	Distribution of green manure seeds like sun-hemp and Dhancha	0.26	0.03	0.06	0.05	0.06	0.06
2.	Scheme for the adoption of plan protection measures.	7.43	0.09	1.75	2.28	1.50	2.48
3.	Mechanical cultivation by private tractors ..	0.10	..	..	..	0.05	..
4.	Composting of Urban Waste.	0.49	..	0.10	..	0.16	0.15
5.	Subsidised seed multiplication and Distribution in Andhra Pradesh	9.01	..	..	2.61	7.53	4.11
	(c) Development of Commercial Crops, Horticulture and Fruit Preservation						
1.	Kitchen Garden Scheme ..	0.40	..	..	..	0.20	0.16
2.	Production of pedigree fruit plants ..	0.36	..	..	..	0.18	0.18
3.	Training of farmers and gardeners in Horticulture	0.38	..	..	..	0.20	0.15
4.	Development of Sugarcane in factory zones (additional centre at Nizamabad)	0.54	...	0.05	0.18	0.16	0.19

SUB-HEAD OF DEVELOPMENT. : *Agricultural Production*

Item.	Unit.	Second Plan Target	Achievements in 1956-57.	Achievements in 1957-58 (Anticipated)	Target for 1958-59	Achievements in 1958-59 (Anticipated)	Target for 1959-60
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Establishment of—								
1. Seed Farms	No.	144	..		23	41	59	61
2. Seed Stores	No.	144	..		10	30	30	12
Green manure seeds	Tons	1,101	108		132	124	225	100
1. Sulphur	Tons	92	116		..	..	..	..
2. Area to be covered by plant protection measures	Acs.	99,400	14,034		24,314	18,38,164	40,000	..
3. Supply of hand operated sprayers	No.	60	..		30	30	30	50
4. Hand dusters	No.	60	..		30	30	60	60
5. Power Sprayers	No.	10	..		..	..	..	..
Tractor ploughing	Acs.	1,000	..		..	..	200	..
Compost ..	lakh Tons	5.30	1.00		1.03	0.97	1.10	1.01
1. Paddy	Tons	17,177	1,742		2,744	3,209	3,400	3,400
2. Jowar	,,	991	20		44	106	298	180
3. Maize ..	,,	1,988	4		2	14	15	4
4. Wheat	,,	448	..	4	7	5	48	21
5. Pulses ..	,,	53	1		1	10	21	2
Kitchen Gardens raised	No.	2,000	..		..	..	1,000	..
Fruit plants	No.	1,04,750	..		..	20,950	24,641	..
Gardeners ..	No.	120	..		30	30	30	30
Trained padhy cultivators	No.	1,000	..		..	..	..	..
Research Scheme								

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5.	Improvement of chillies ..	0.47	..	0.09	0.22	0.08	0.08
6.	Scheme for the introduction of arecanut in Telangana ..	0.03	..	..	0.01	0.02	0.01
7.	Research on grapes (Anib-e-shahi) at Hyderabad ..	0.76	..	..	..	0.52	0.06
(*d*)	*Agricultural Education :*						
1.	Training of farmers in Oil engines	0.38	..	0.06	0.05	0.18	..
2.	Establishment of Harbarium section, Rajendranagar ..	0.20	..	0.05	0.05	0.05	0.07
3.	Additional staff for agricultural engineering section ..	0.10	..	..	..	0.07	..
4.	Building and laboratory equipment for agriculture College, Rajendranagar ..	..	..	..	..	2.26	..
(*e*)	*Agricultural Research Information and Statistics*						
1.	Grow More Food staff scheme.	2.65	..	0.12	0.53	0.98	0.76
2.	Fodder Research Scheme, Rajendranagar ..	0.48	0.01	0.10	0.13	0.10	0.17
3.	Sugarcane Research Scheme Rudrur	1.53	0.02	0.10	0.26	0.51	0.50
4.	Fruit Research Scheme, Sangareddy	0.40	..	..	0.20	0.10	0.05
5.	Conversion of the post of farm superintendent, Warangal into class II, Gazetted Post ..	0.12	..	0.01	0.04	0.05	0.05
6.	Additional requirements of Research Laboratory ..	0.52	..	0.14	0.08	0.15	0.08
7.	Additional requirements of Government farms ..	4.70	..	0.57	1.61	1.40	0.81
8.	Rainfed paddy Scheme, Adilabad	0.18	..	..	0.08	0.07	0.06

I.

SUB-HEAD OF DEVELOPMENT : *Agricultural Production.*

			PHYSICAL TARGETS AND ACHIEVEMENTS					
				Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Research scheme						
	Do.						
	Do.						
Farmers	No.	2,293	..	258	142	461	168
Establishment harbarium. ..	No.	1	..	1		Continuance	
	Staff Scheme.						
	No Targets.						
	Staff Scheme						
	Research Scheme.						
	Do.						
	Do.						
	Staff Scheme.						
	No targets envisaged.						
	Do.						
	Research Scheme.						

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes*

(Rs. in lakhs)

FINANCIAL TARGETS AND ACHIEVEMENTS

Serial No.	Name of the Scheme	Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9.	Improving technique in raising tabi nursuring of Paddy	0.22	..	0.03	0.07	0.03	0.07
10.	Crop weather observation, Scheme, Rajendranagar ..	0.20	..	0.01	0.04	0.04	0.05
11.	Crop weather observation, Scheme, Rudrur ..	0.14	..	..	0.02	0.06	0.06
12.	Crop weather observation Schemes, Warangal ..	0.25	..	0.05	0.08	0.06	0.06
13.	Establishment of exploratory station for Virginia tobacco at Burgampad ..	0.60	..	..	0.17	0.21	0.19
14.	Establishment of exploratory station for Nepani Tobacco at Alampur	0.27	..	..	0.11	0 08	0.09
15.	Establishment of Exploratory station for G.W.A. Tobacco, at Kazipet (Shifted to Warangal)	0.38	..	..	0.08	0.15	0.14
16.	Organisation of Statistical section	0.52	..	0.07	0.07	0.22	0.08
17.	Establishment of Sesamum Research Station at Karimnagar	0.21	..	..	0.02	0.10	0.15
18.	Investigation of Ground Water resources ..	0.22	..	0.06	0.04	0.06	..
19.	Mango Research Scheme, Sangareddy ..	1.06	..	0.34	0.30	0.18	0.14
20.	Expansion of the Marketing Department	1.77	..	0.07	0.38	0.66	0.37
21.	Statistical Organisation in the Marketing Wing ..	0.48	..	..	..	0.18	0.02
22.	Wheat Rust Control ..	0.16	..	..	0.05	0.07	0.05
23.	Establishment of variety testing station. Wyra ..	0.85	..	..	0.21	0.25	0.14
24.	Botanical section. Dindi ..	0.08	..	..	0.02	0.05	0.01

I.

SUB-HEAD (B) DEVELOPMENT : *Agricultural Production.*

Item	Unit	Second Plan Target	Achievements in the First Plan		Target for 1959-60	Achievement in 1959-60 (Anticipated)	Percentage of the Second Plan Target
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Research Scheme.							
Do.							
Do.							
Do.							
Do.							
Total for Botanical Section							
Grand Total							
Do.							
Do.							
Do.							
Staff Scheme.							
Do.							
Research Scheme.							
Staff Scheme.							
Do.							
Botanical Section .. No. 1 .. .. .. Continuance							

* Besides the schemes listed this includes the figures for Plan schemes completed during 1959-60

STATEMENT

HEAD OF DEVELOPMENT: *Agriculture Programmes.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25.	Evolution of gall fly resistent varieties of paddy, Mahboobabad	0.64	..	..	..	0.45	0.03
26.	Co-ordinated Maize Breeding Station, Amberpet ..	3.24	..	0.39	3.08	..	0.99
27.	Scheme to test and demonstrate response to chemical fertilisers on castor production etc.	0.16	..	..	..	..	0.06
28.	Grama Sevaks Training Centre	6.71	..	..	..	3.15	4.06
	Total for Telangana ..	105.30*	2.16*	10.43*	26.22*	47.00	31.69
	GRAND TOTAL ..	562.10*	31.92*	75.32*	98.11*	167.71	130.94*

* Besides the schemes listed this includes the figures for the schemes completed earlier to 1959-60.

I.

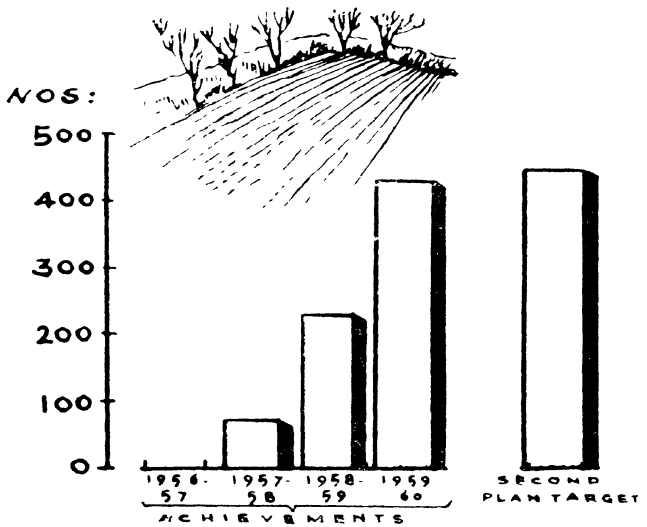
SUB-HEAD OF DEVELOPMENT : *Agricultural Production.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Research Scheme.						
	do						
	do						

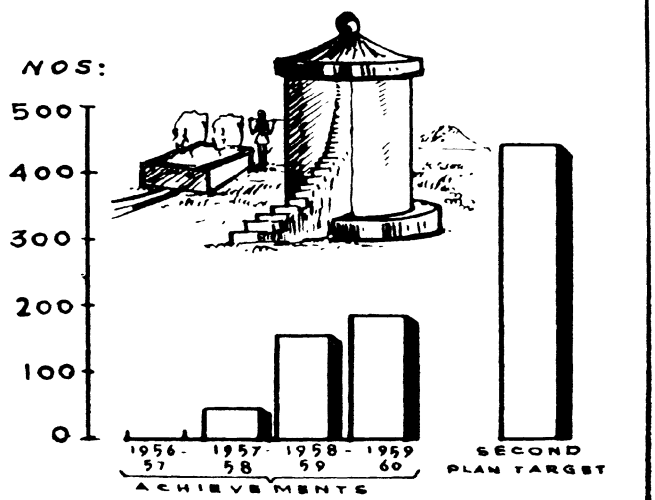
and for schemes which are proposed to be taken up in 1960-61.

AGRICULTURAL PRODUCTIONS

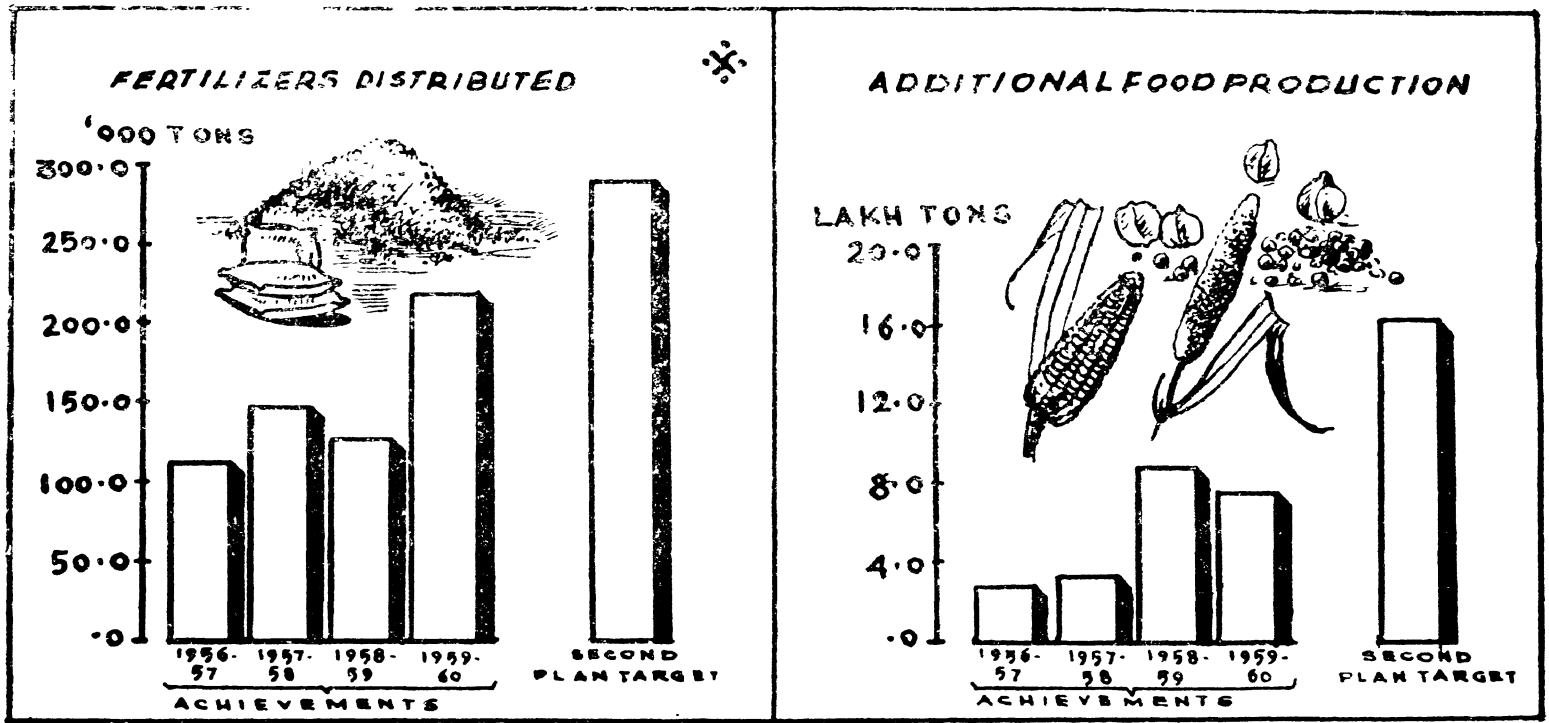
SEED FARMS ESTABLISHED



SEED STORES CONSTRUCTED



AGRICULTURAL PRODUCTION



·X· ANNUAL RATES TO BE ACHIEVED

CHAPTER V.

Minor Irrigation

During 1959-60, a sum of Rs. 175.00 lakhs was provided towards the development of Minor Irrigation works in the St te. It was programmed to utilise this provision on 54 detailed schemes in Andhra area and 8 schemes in Telangana area. The 54 detai'ed schemes in Andhra area are broadly c'assified under 6 major schemes and thus bringing the total number of schemes proposed for implementation to 14. During the course of the year one scheme, *viz.*, Tube-well scheme in Andhra costing Rs. 10.27 lakhs was not implemented and on the remaining 13 schemes, a sum of Rs. 188.98 lakhs—Rs. 92.72 lakhs in the Andhra Region and Rs. 96.26 lakhs in the Telangana Region was spent during the year. The details of progress made under each scheme are given below :—

Andhra

Sinking of Filter Points :

Under this scheme, filter points were proposed to be sunk in the lands of agriculturists at their cost. The equipment required for sinking the filter points would be hired out by the department. In the case of successful filter points loans would be granted to a maximum of Rs. 2,500 for each individual to enable them to purchase the necessary pumping machinery. The loans would be recovered from the ryots in 5 equal annual instalments with 5½% interest. During 1959-60, it was proposed to grant loans to the tune of Rs. 3.50 lakhs for sinking 140 filter points. Against this, loans amounting to only Rs. 1.57 lakhs were granted and 68 filter points were sunk.

Distribution of Oil Engines and Electric Motors on Hire purchase System :

With a view to supplying 130 Oil engines and 145 electric motor pumpsets to ryots on hire-purchase system for irrigation purpose, a sum of Rs. 8.00 lakhs originally proposed but was revised to Rs. 10.00 lakhs subsequently during 1959-60. Against this 207 Oil engines and 135 electric motor pumpsets costing

Rs. 8.40 lakhs were purchased and distributed till the end of March, 1960.

Scheme for granting loans for sinking of Artesian wells :

Under this scheme it is proposed to grant loans to Cultivators in East and West Godavari districts for sinking of Artesian wells, with hand boring sets and power drills. During the year 1959-60, it was proposed to grant loans to the extent of Rs. 1.00 lakh for sinking 25 Artesian wells. But on account of the delay in fixing the rate of interest to be charged on the loans, only an amount of Rs. 0.16 lakh was spent as loans and 4 wells were sunk. In addition a sum of Rs. 0.03 lakh was spent towards the salaries and allowances of the staff.

Minor Irrigation Schemes of Irrigation Department :

A sum of Rs. 50.00 lakhs was provided in the plan for 1959-60 which was revised to Rs. 70.00 lakhs for the execution of 99 irrigation works included in the Second Five-Year Plan besides tank improvement schemes. Of these, 87 minor irrigation works were sanctioned by the end of March 1960 for implementation in the Andhra region. A sum of Rs. 51.93 lakhs was spent on these works under execution during the year. An area of 45,000 acres was benefited under the various minor irrigation works executed during the year.

New Well Subsidy Scheme :

In order to step up food production an amount of Rs. 33.00 lakhs was provided in the annual plan for 1959-60 to give subsidy to the ryots for sinking 2.060 wells in Andhra Region. By the end of the year a sum of Rs. 30.63 lakhs was spent on the scheme.

Telangana

Breached Tanks under Public Works Department :

A sum of Rs. 50.00 lakhs was provided in the annual plan for 1959-60 which was revised to Rs. 75.81 lakhs, for taking up repairs and restoration of breached irrigation tanks and minor irrigation surveys included in the Second Five-Year Plan. But during the year, 1422 works with an ayacut of 55,923 acres were actually sanctioned for execution. Of these, 619 works were completed by the end of March, 1960 and

an area of 40,000 acres was developed under these projects, the remaining works were in progress at the close of the year. There was an expenditure of Rs. 71.08 lakhs on all the works taken up for execution during the year.

Lift Irrigation :

In the plan for 1959-60, a sum of Rs. 0.58 lakh was provided for taking up and completing one lift irrigation project to irrigate an area of 200 acres. During the year, skeleton staff was sanctioned to carry on the investigations into the possibilities of undertaking lift irrigation schemes. Only preliminary work was carried out during the year and no project could be undertaken and as such, only a sum of Rs. 0.07 lakh was spent against the revised target of Rs. 0.40 lakh during the year under review.

Installation of Oil Engines :

Under this scheme it was proposed to grant taccavi loans for the purchase of Oil engines and electric motor pumpsets. An amount of Rs. 5.00 lakhs was provided for the supply of 200 Oil engines. As the demand forboth Oil engines and electric motors from the cultivators was very great, 179 oil engines and 101 electric motors were supplied to the ryots at a cost of Rs. 4.68 lakhs against the revised provision of Rs. 6.00 lakhs during the year under review.

Sinking of new wells and repairs to old wells :

Under this scheme loans to the extent of Rs. 2,500 for sinking a new well and Rs. 750 for repairing an old well were proposed to be issued and the amount would be disbursed in two instalments, one at the commencement of the work and the other after the work was sufficiently advanced and when the officers feel that the works would be completed in time. In the current year's plan, a sum of Rs. 6.42 lakhs—Rs. 5.35 lakhs for sinking 210 new wells and Rs. 1.07 lakhs for repairing 142 old wells—was provided. Against this a sum of Rs. 5.97 lakhs—Rs. 5.02 lakhs to sink 258 new wells and Rs. 0.95 lakhs to repair 127 old wells—was spent during the year.

Well Boring :

With a view to increasing the recuperative capacity of the existing wells, it was proposed under this scheme to

purchase well-boring machinery besides the appointment of staff. The staff was appointed and 16 wells were bored prior to 1959-60. In the current year's plan, an allotment of Rs. 0.19 lakh was made for boring 137 wells. During the year, orders were placed with the Central Stores Purchase Department for the Boring Machines but as the equipment was not supplied till the end of the year no further progress could be made in this regard. However a sum of Rs. 0.09 lakh was spent on this scheme towards the cost of salaries and allowances of the staff appointed.

New Well Subsidy Scheme :

With a view to stepping up agricultural production, an amount of Rs. 7.00 lakhs was provided during 1959-60 to give subsidy to the ryots in the Telangana Region for sinking 940 irrigation wells. But, in view of the large demand from ryots for subsidy under this scheme, a sum of Rs. 14.38 lakhs was granted as subsidy for sinking irrigation wells during the year.

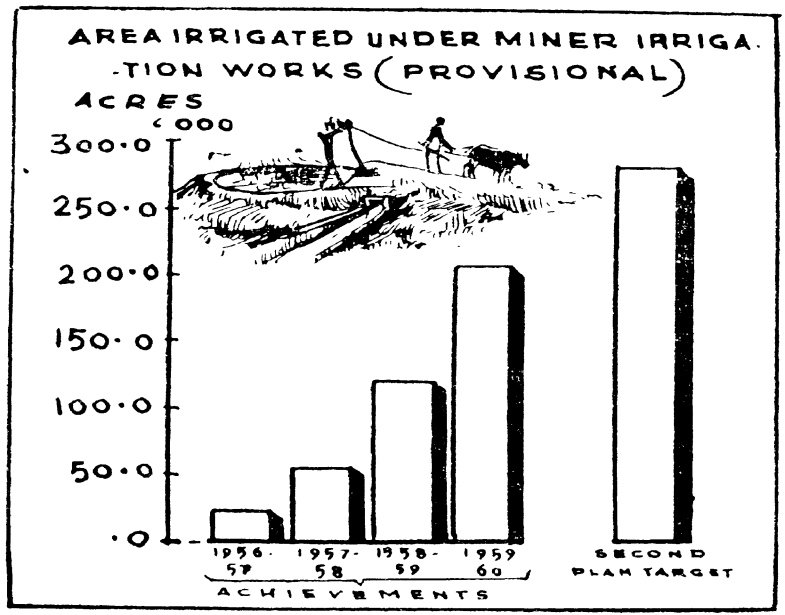
Statement II will show the financial and physical targets and achievement.

STATEMENT

HEAD OF DEVELOPMENT—*Agricultural Programmes.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Sinking of Filter Points ..	14.63	2.74	2.63	3.26	3.50	1.57
2.	Distribution of Oil Engines and Electric Motors on Hire Purchase System.	43.50	4.56	6.86	9.98	8.00	8.40
3.	Tube Well Scheme ..	16.90	..	..	..	10.27	..
4.	Scheme for granting of loans for sinking of new wells.	4.00	..	0.82	0.08	1.04	0.19
5.	Minor Irrigation Schemes of Irrigation Department.	242.85	16.80	19.66	37.74	50.00	51.98
6.	Well subsidy and restoration schemes.	82.28	..	Included in Telangana.	19.55	38.00	30.68
	Total for Andhra ..	404.16	24.10	29.97	70.61	105.81	90.90

MINOR IRRIGATION



ii.

SUB-HEAD OF DEVELOPMENT—*Minor Irrigation.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Filter Points ..	.. No.	912	115	117	136	66	68
(*a*) Oil Engines	.. „	350	122	188	224	130	207
(*b*) Electric Motors	.. „	710	99	104	217	145	185
(*a*) Tube Wells	.. „	25	..	..	15	..	..
Artesian Wells	.. „	260	..	21	2	25	4
Area to be irrigated	.. Acres	145,000	54,000	14,610	25,000	45,000	45,000
Wells ..	.. No.	6,622	..	..	N.A.	2,060	..

STATEMENT

HEAD OF DEVELOPMENT.—*Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana						
1.	Breached Tanks under P.W.D.	251.02	25.09	24.78	57.14	50.00	71.07
2.	Lift Irrigation	1.08	..	..	..	0.58	0.07
3.	Installation of Oil Engines	20.10	1.70	1.99	4.13	5.00	4.68
4.	Sinking of new Wells ..	25.19	4.00	5.26	5.23	5.35	5.02
5.	Repairs to old Wells ..	5.33	1.17	1.00	1.02	1.07	0.95
6.	Well Boring	0.85	..	0.46	0.01	0.19	0.09
7.	New Well Subsidy Scheme ..	39.88	..	7.10	0.52	7.00	14.38
	Total for Telangana ..	343.45	31.96	40.59	76.05	69.19	95.61
	Grand Total for A.P. ..	747.61	56.06	70.56	146.66	175.00	186.51

11.

SUB-HEAD OF DEVELOPMENT—*Minor Irrigation.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Area to be irrigated	..Acres	143,613	19,162	14,743	48,815	45,000	40,000
(*a*) Lift Irrigation Projects	No.	5	..	..	..	1	..
(*b*) Area to be Irrigated	..Acres	1,000	..	..	..	200	N.F.
(*a*) Oil engines	.. No.	510	82	102	189	200	179
(*b*) Electric Motors	.. No.	..	..	2	41	..	101
New Wells	.. No.	1,070	200	210	445	210	258
Old Wells ..	.. ,,	710	157	142	219	142	127
Wells to be bored	.. ,,	682	..	..	16	137	..
Wells .	.. ,,	3,378	..	..	..	940	..

CHAPTER VI

Land Development

Andhra Pradesh.

Originally in the Second Five-Year Plan one scheme for the purchase of 50 bull-dozers to meet the increasing demand for them for reclamation of waste lands was included. But, in view of the difficult foreign exchange position no bull-dozers could be purchased during the first three years of the plan, and hence the original provision in the Second Plan of Rs. 30.00 lakhs under this Head of Development was reduced to 16.50 lakhs . Now the following two schemes are being implemented under this Head. (i) Scheme for land reclamation by mechanical cultivation with tractors and Bull-dozers (ii) Scheme for the land reclamation of scrub forests (subsidy portion). A sum of Rs. 5.30 lakhs was originally provided for 1959-60 to implement this scheme (i) only and this has subsequently been increased in the Revised Estimates to Rs. 8.30 lakhs on account of the inclusion of the scheme (ii).

I. Scheme for land reclamation by mechanical cultivation with tractors and bull-dozers :

An amount of Rs. 5.30 lakhs was provided in the plan for 1959-60 for the purchase of 5 bull-dozers for reclamation of land and for mechanical cultivation But as foreign exchange required was released by Government of India late in the year, no bull-dozer could be secured during 1959-60 and consequently no expenditure was incurred.

II. Scheme for the land reclamation of scrub Forests : (Subsidy Portion).

An amount of Rs. 3.00 lakhs was provided in the Revised Estimates as subsidy for 1959-60 under this scheme, towards the loss on the working of the existing Tractors and Bull-dozers of the Department. Against this an expenditure of Rs. 3.34 lakhs has been incurred during the year under review.

Statement III shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Scheme for Land Reclamation by Mechanical Cultivation with tractors and Bulldozers	10.50	..	..	..	5.30	..
2.	Scheme for land reclamation of scrub forest (Subsidy portion).	6.00	..	..	..	..	3.34
	Grand Total ..	16.50	..	..	..	5.30	3.34

III.

SUB-HEAD OF DEVELOPMENT : *Land Development.*

Serial No.	Name of the Scheme		FINANCIAL TARGETS AND ACHIEVEMENTS					
			Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
Purchase of Bulldozers		No	44	..	..	..	5	..
No physical targets.								

CHAPTER VII.

Animal Husbandry.

The programme for the development of livestock in the State during 1959-60 included 71 schemes at an estimated cost of Rs. 87-53 lakhs. Of these 45 schemes costing Rs. 66.06 lakhs related to the Andhra Region while 26 schemes costing Rs. 21.47 lakhs pertained to the Telangana Region. But two schemes included in the original programme could not be taken up for implementation during the year while one new scheme *viz :* Cattle and Dairy Farm of Kakinada ' was taken up for implementation . A sum of Rs. 68.09 lakhs was spent on the 71 implemented schemes. Of this a sum of Rs. 48.32 lakhs was spent on 45 schemes implemented in the Andhra Region while the remaining amount of Rs. 19.62 lakhs was utilised for the implementation of 26 schemes pertaining to the Telangana Region.

An account of the progress of each of the scheme in execution during 1959-60 is given below.

Andhra

Key Village Scheme :

With a view to effecting improvement in the Livestock in selected areas it was proposed under this scheme to establish key village centres with facilities for artificial insemination. During the last two years, the key village centres were established and in the current year it was proposed to establish nine more centres. Towards this a sum of Rs. 11.10 lakhs was provided in the annual plan As programmed the nine key village centres were established at Vijayanagaram in Vizag District. Vedullavalasa in Srikakulam District, Mandapet in East Godavari District, Bhimavaram in West Godavari District. Kodur in Cuddapah District Maripadu in Krishna District, Chinnacheruku in Nellore District, Chintaparthi and Areganda in Chittoor District and a sum of Rs. 8.56 lakhs was spent till the end of March 60.

Establishment of Gosadhan :

Under the scheme a Gosadhan was established during 1957-58 at Mullivegu village in Guntur District so that

all the old, infirm and useless cattle can be aggregated and sent to this place where cattle grazing facilities exist. Towards the continuance of this centre during the year under review a sum of Rs. 0.12 lakhs was allotted in the Plan for 1959-60. As programmed the Gosadhan was continued during the year at a cost of Rs. 0.12 lakh.

Goshala Development :

With a view to assisting livestock improvement one Goshala was developed during 1956-57 and financial assistance was given for the development of 6 more Goshalas during the last two years. In the current years Budget a provision of Rs. 0.81 lakh was made towards the grant-in-aid to four goshalas. Against this a sum of Rs. 0.42 lakhs was spent till the end of March 60 towards the grant in aid for the development of 4 goshalas at Tenali, Tirupathi, Bhimavaram and Srikakulam.

Rehabilitation of nomadic cattle breeders :

With a view to encouraging the Sugalis of Kurnool District the established cattle breeders to rear better types of cattle, it was proposed to distribute 14 Ongole bulls and first aid equipment during 1959-60 and for this purpose a provision of Rs. 0.25 lakh was made in the annual plan. But only a sum of Rs. 0.14 lakh could be spent during the year.

District and State Cattle shows :

In order to create enthusiasm among the cattle breeding and to educate the masses in scientific breeding feeding and management it was proposed under this scheme to conduct State and District Cattle shows. Towards this a sum of Rs. 0.33 lakh was allotted in the plan for 1959-60. During the year State Cattle show was conducted at Kurnool and a sum of Rs. 0.29 lakh was spent.

Sheep and wool extension centres :

The scheme provides for the distribution of improved breeds of rams, and practical demonstrations on breeding feeding and management in order to induce the local shepherds to take up scientific breeding and feeding of sheep. In the current year's plan a sum of Rs. 1.31 lakhs was allotted for the establishment of eight sheep and wool extension centres with a supervisory unit. Against this only a sum of Rs. 0.97 lakh was spent till the end of

March 60 and eight sheep and wool extension centres were started in Anantapur District.

Poultry Extension centres :

This is a pilot scheme under which 12 centres were started during the last two years with the object of upgrading the local poultry. During 1959-60 it was proposed to start new extension centres besides continuing the centres already started and for this purpose, an allotment of Rs. 2.76 lakhs was made in the current plan. Against this there was an expenditure of Rs. 2.40 lakhs and the targetted number of 4 new extension centres were started at Kakinada, Chinthaladevi, Mukthyala and Kaikalur.

Piggery Developmnt :

This scheme is intended to educate the farmers on rearing of pure bred pigs. A Pig Breeding Unit with three Piggery Development Blocks was started prior to 1959-60 and during this year it was proposed to establish six Piggery Development Blocks. Towards this a sum of Rs. 1.45 lakhs was provided in the current years programme. The targetted number of six Piggery Development Blocks were established but only a sum of Rs. 0.94 lakh was spent till the end of March 60.

Live-stock Research Station, Chinthaladevi :

A sum of Rs. 0.58 lakh was allotted for the scheme in the current years programme for effecting improvements to the Livestock Research Station, Chinthaladevi and for continuing the staff appointed during 1957-58. Against this a sum of Rs. 0.77 lakh was spent till the end of March 60.

Establishment of Livestock Farm in T. B. Project area.

A cattle-*cum*-Dairy Farm was established during 1958-59 at Bunvasi in the Tungabhadra Project area for the improvement of livestock and for its continuance during 1959-60 a sum of Rs. 0.50 lakh was provided. Against this an amount of Rs. 0.87 lakh was spent till the end of March 60.

Opening of Goat Breeding Farm :

During 1958-59 a goat breeding farm was established at the Goat Livestock Farm Palamaner where facilities exist for rearing the goats. Towards the continuance

of this and for introducing a famous unit "Jaunepuri" at the former, a sum of Rs. 0.57 lakh was provided in the current year's programme. As programmed the unit was introduced and a sum of Rs. 0.34 lakh was spent till the end of March 60.

Supply of White Breeding Bulls, Buffalo Breeding Bulls Male Goats, Female Goats, Boars, Sows, Rams, Exotic Cocks, Hens and Eggs.

With a view to up grading the local stock it was proposed during 1959-60 to distribute 105 white breeding bulls, 119 buffalo breeding bulls, 90 male goats, 115 female goats, 60 boars, 30 sows, 70 rams, 2,000 exotic cocks and hens and 4,000 eggs at subsidised rates to the ryots. Against this programme 170 buffalo breeding bulls 129 boars, 94 sows, 192 rams, 683 exotic cocks, 2,248 hens and 4,384 eggs were distributed till the end of March 60. The expenditure incurred on this scheme amounted to Rs. 3.20 lakhs as against the provision of Rs. 3.35 lakhs.

Opening of wool demonstration units :

With a view to demonstrate methods of breeding and feeding of sheep, three sheep and wool demonstration centres were started at Anantapur, Nellore and Kakinada. During 1959-60 it was proposed to start a new unit at Nandyal, Vijayawada, Visakhapatnam and Adoni besides strengthening the three units already started. Towards this a sum of Rs. 0.94 lakh was provided in the annual plan. Against this an expenditure of Rs. 0.49 lakh was incurred till the end of March 1960.

Opening of Sheep Farm

With a view to rearing improved breeds of sheep on scientific lines a sheep breeding farm was started at Penukonda during 1958-59. A sum of Rs. 1.10 lakhs was allotted in the current years programme for effecting improvements such as construction of staff quarters, office buildings, equipment, provision of staff and additional livestock etc. Against this only a sum of Rs. 0.64 lakh was spent till the end of March 1960.

Opening of District Poultry Farms.

As the number of exotic birds produced by the existing poultry farms and private individuals was inadequate

and with a view to ensuring supply of the required number of exotic birds, it was proposed to start two district poultry farms during 1959-60 and for this purpose a sum of Rs. 1.00 lakh was provided in the annual plan. Against this only a sum of Rs. 0.40 lakh was spent till the end of March 1960 and the establishment of the poultry centres was in progress at the close of the year.

Additional staff and improvements to Government Livestock Farm, at Mahanandi.

As the Livestock Farm at Mahanandi which maintains animals of different breeds. *i.e.* Ongole, Dupad and Gir was in the formative stage and as no buildings either for the animals or for the office and staff could be secured it was proposed to provide adequate facilities for raising fodder crops, construction of buildings and to appoint additional staff during 1959-60 and for the purpose, an amount of Rs. 0.91 lakh was allotted in the plan for the year. Against this only an expenditure of Rs. 0.26 lakh was incurred till the end of March 1960.

Reorganisation of Livestock Farm, Palamaner:

With a view to maintaining different breeds of animals under farm conditions and study their adaptability, one Government Livestock Farm was started at Palamaner. It was proposed to maintain a herd of 30 Hallikhan cows and two bulls at the farm and concentrate attention to study the problems of breeding feeding and diseases relating to this breed. Further it was proposed to establish a poultry unit on a small scale so as to run it economically by using the farm products. Towards all this a provision of Rs. 1.75 lakhs was made in the annual plan for 1959-60. Against this a sum of Rs. 1.50 lakhs was spent till the end of March 1960.

Additional staff to Government Livestock Farm, Chintaladevi:

A sum of Rs. 0.05 lakh was provided in the current year's plan for the continuance of the staff appointed prior to 1959-60. As programmed the staff was continued at a cost of Rs. 0.04 lakh.

Improvements to Government Livestock Farm Guntur.

In order to supply milk and also to rear and supply Pedigree Murrah bulls to the Community Development Blocks, one Livestock Farm was started at Lam, Guntur.

During 1959-60 it was proposed to construct additional buildings and purchase dairy equipment agricultural implements and van for transport of milk besides the provision of essential technical staff and ministerial staff to cope up with the increased work and for the purpose a sum of Rs. 2.18 lakhs was provided. But only a sum of Rs. 0.32 lakh was spent during the year.

Appointment of Assistant Directors.

For the effective supervision and speedy implementation of the plan schemes of the Animal Husbandry Department it was proposed to appoint Regional Assistant Directors and for this purpose a provision of Rs. 0.39 lakhs was made in the current plan. Against this only a sum of Rs. 0.04 lakh was spent till the end of March 60 due to late implementation of the scheme.

Additional staff for Head Office and District Veter nary Offices.

Under this scheme it was proposed to appoint additional staff in the Head Office as well as in the District Veterinary Offices including the Government Livestock Farm, Chintaladevi to cope up with the increased work. Towards this a sum of Rs. 0.72 lakh was allotted in the programme for 1959-60. The additional staff was appointed and a sum of Rs. 0.33 lakh was spent till the end of March 60 towards the salaries and allowances of the additional staff.

Andhra Veterinary College Tirupathi

The Andhra Veterinary College was started at Bapatla during the last year of the First Five-Year Plan and this was shifted to Tirupathi during 1957-58. Development works for the College at Tirupathi were taken up during the last two years and in the current year's plan, a sum of Rs. 18.52 lakhs was provided for the construction of buildings purchase of equipment and for continuing the staff appointed. Against this a sum of Rs. 14.02 lakhs was spent till the end of March 60 and the construction of the buildings was in progress. A batch of 80 students were admitted in the 1st B.V. Sc. Class during the year under review.

Emergency Short Course at Visakhapatnam.

A two year emergency course was started in 1955-56 in the Government Dairy Farm, Visakhapatnam to meet

the growing demand for Veterinary personnel. During the last three years 320 candidates were admitted for training and in the current year, it was proposed to admit another batch of 100 students. Towards this, a sum of Rs. 0.80 lakh was provided in the current year's plan but the actual expenditure amounted to Rs. 0.70 lakh during the year, and a batch of 80 students were admitted in the institute during the year.

Rinderpest Eradication Scheme

With a view to eradicating Rinderpest from the country the Government of India sponsored a scheme for conducting mass vaccinations against the disease. A follow up scheme was also sanctioned to conduct vaccination for the animals left out unvaccinated by the regular campaign in the Districts of Guntur, Nellore, Chittoor, Cuddapah, Anantapur and Kurnool. Due to practical difficulties such as non availability of Freeze dried Rinderpest vaccination etc. the work could not be completed. It was therefore proposed to continue the follow up campaign in the aforesaid districts and also start a follow up campaign in the district west of river Krishna. Towards this a sum of Rs. 1.95 lakhs was provided in the current years programme. Against this a sum of Rs. 1.50 lakhs was spent till the end of March 60 and the following operations were in progress.

Provision for I.C.A.R. Schemes :

Fifteen Research schemes which have a direct bearing on disease, breeding and allied problems of livestock were referred to the Indian Council of Agricultural Research for the consideration of the various Technical Committees. A sum of Rs. 1.00 lakh was provided in the current years programme for taking up the scheme approved by the I.C.A.R. Against this a sum of Rs. 0.11 lakh was spent till the end of March, 1960.

Opening of Clinical Laboratories :

With a view to ensuring proper and timely diagnosis of diseases by clinical examination it was proposed to establish clinical laboratories at each of the District Head Quarters. Till the end of March 1959, five.....were opened in the Head Quarters Veterinary Hospitals at Visakhapatnam Kakinada, Nellore, Chittoor and Kurnool. During 1959-60 it was proposed to open 3 more laboratories besides continuing the laboratories already started

prior to 1959-60. For this purpose a sum of Rs. 0.89 lakh was allotted in the annual plan. Against this there was an expenditure of Rs. 0.52 lakh till the end of March 1960. As programmed three clinical laboratories were opened at Eluru, Anantapur and Vijayawada besides continuing 5 already started.

Opening of touring Billets, First Aid Centres Minor Veterinary Dispensaries and Veterinary Dispensaries.

During the year 1959-60 it was programmed to open 6 Touring Billets, 43 First Aid Centres, 10 Minor Veterinary Dispensaries and 10 Veterinary Dispensaries at a cost of Rs. 4.56 lakhs. The targets were fully achieved during the year and a sum of Rs. 3.39 lakhs was spent.

Opening of Biological Institute :

An amount of Rs. 4.00 lakhs was provided in the current years plan for the construction of additional buildings, staff quarters, lay out records, purchase of equipment and appointment of staff etc., necessary for the expansion of the Service Institute at Hyderabad and also for the preparation of Veterinary, biologicals on commercial scale. Against this only a sum of Rs. 1.51 lakh was spent during the year under review.

Appointment of L.D.Cs. in the Major Veterinary Institutions :

With a view to providing relief to the Veterinary Assistant Surgeons in their routine Office correspondence 9 Lower Division Clerks were appointed during 1958-59 in 9 Major Veterinary Institutions in Andhra and for the continuance of these posts a sum of Rs. 0.08 lakh was provided in Plan for the year. As programmed the staff was continued and the entire provision was spent.

Supply of Jeeps to District Veterinary Officers :

In order to provide quick transport facilities to the District Veterinary Officers for enabling them to pay frequent and surprise visits to the field of operation and to check the work and alert the staff it was proposed under this scheme to supply Jeeps to the District Veterinary Officers. During 1958-59, 4 jeeps were supplied and in the current year's plan a sum of Rs. 0.54 lakh was provided for maintaining these 3 jeeps and for purchasing some more jeeps. During the year 3 more jeeps

were purchased and supplied to the District Veterinary Officers besides maintaining the jeeps already supplied. A sum of Rs. 0.73 lakh was spent on this scheme till the end of March, 1960.

Training of Veterinary Compounders :

For meeting the shortage of trained Veterinary Compounders it was proposed to train 360 Compounders during 1959-60 at a cost of Rs. 0.54 lakh. During the year 300 Compounders were trained and a sum of Rs. 0.44 lakh was spent.

Cattle and Dairy Farm, Kakinada :

This is a new scheme taken up during the course of the year. Under this scheme, it was proposed to establish a Composite Livestock Farm in order to improve the Livestock on scientific lines and also to supply pure milk to the public of Kakinada town. During the year, the site was acquired and the foundation materials, and dairy and Agricultural equipment were purchased. A sum of Rs. 2.15 lakhs was spent till the end of March, 1960.

Telangana.

Appointment of two Assistant Directors :

For effective supervision of the staff engaged in the implementation of the various developmental schemes, it was proposed to appoint two Assistant Directors and a sum of Rs. 0.26 lakh was provided in the annual plan for 1959-60 for this purpose. But, only a sum of Rs. 0.01 lakh could be spent till the end of March, 1960.

Additional staff for Head Office and District Office :

To cope up with the increased work consequent on the expanded activities of the department, additional staff was appointed during 1957-58 and continued during 1958-59. It was proposed to continue this staff in 1959-60 also and appoint some more additional staff and a sum of Rs. 0.65 lakh was provided in the annual Plan for the purpose. As programmed, the additional staff was appointed besides continuing the staff already appointed. In all a sum of Rs. 0.35 lakh was spent on this scheme till the end of March 1960.

Stationary Veterinary Dispensaries :

In order to make veterinary aid available to the ailing cattle and treat them regularly, it was proposed

to establish Stationary Veterinary Dispensaries. During the year ended 1958-59, 15 dispensaries were opened and in the current year, it was proposed to open 4 more dispensaries besides continuing the old dispensaries. Towards this, a sum of Rs. 0.93 lakh was provided in the Plan for the year 1959-60. The four dispensaries were opened during the year at Mukthal and Nagarkurnool in Mahaboobnagar District, Armoor in Nizamabad district. Besides, the 15 dispensaries opened prior to 1959-60 were also continued during the year. In all, a sum of Rs. 1.03 lakhs was spent on this scheme till the end of March 1960.

Minor Veterinary Dispensaries :

In order to control outbreaks of contagious diseases and to render veterinary aid to the ailing cattle, 20 Minor Veterinary Dispensaries were opened till the end of 1958-59and towards the continuance of these dispensaries and for opening 10 more dispensaries, a sum of Rs. 1.78 lakhs was provided in the Plan for 1959-60. Against this, only a sum of Rs. 0.98 lakh was spent but the targetted 10 minor veterinary dispensaries were opened-besides continuing the old dispensaries.

Jeeps to District Veterinary Officers :

With a view to enabling the District Officers to tour extensively and to pay frequent surprise visits to check-up the work and alert the staff, 3 jeeps were purchased and distributed till the end of 1958-59. In the current year's plan, a sum of Rs. 0.45 lakh was provided for the purchase of some more jeeps and for maintenance of the jeeps already purchased. During the year, one jeep was purchased and supplied to the District Veterinary Officer, Medak District basidrs maintaining the old jeeps. A sum of Rs. 0.27 lakh was spent on the scheme during the year.

Medicines and Equipment :

As the average attendence of animals in the Veternary institutions is on the increase, it was proposed to augment the supply of medicines and equipment to the institutions to meet the requirements, a sum of Rs. 0.64 lakh was provided in the current year's plan. The entire provision was spent during the year for the purchase and distribution of medicines and eqipment.

Emergency two-year diploma course.—In order to meet the growing demand for trained veterinary personnel, an institution was started at Hyderabad during 1955-56 and 284 candidates were admitted till the end of March, 1960. During 1959-60, it was proposed to admit 80 candidates and a sum of Rs. 0.60 lakh was provided in the annual plan for this purpose. Against this, a sum of Rs. 1.01 lakhs was spent and the targetted number of 80 candidates were amditted.

Training Stockmen.—The object of this scheme is to train candidates in two batches, imparting them, the basic knowledge in Veterinary Science and Animal Husbandry in order to control epedemics of contagious diseases. A sum of Rs. 0.38 lakh was provided in the current year's plan for training 260 candidates. But, only 170 candidates were trained during the year and a sum of Rs. 0.25 lakh was spent.

Establishment of Wool Technological Laboratory at Rajendanagar.

With a view to developing the sheep and wool industry by well organised programmes of breeding, feeding and management of sheep, a wool Technological Laboratory was established at Rajendranagar during 1958-59. Towards the continuance of this during 1959-60, a sum of Rs. 0.21 lakh was provided. Against this a sum of Rs. 0.25 lakh was spent till the end of March, 1960 and as programmed the laboratory was continued during the year.

Central Poultry Farm, Hyderabad :

With a view to inducing the ryots to take up Poultry Farming on modern lines, a central Poultry Farm was established at Saroornagar in Hyderabad during 1957-58. A sum of Rs. 0.75 lakh was provided for this scheme in the current year's plan for the construction of staff-quarters, poultry buildings and water pipe connections etc. The construction work was in progress at the close of the year and a sum of Rs. 0.35 lakh was spent till the end of March, 1960.

Poultry Extension Centres :

During 1959-60, it was proposed to open ten Poultry Extension Centres besides continuing the old centres, at a cost of Rs. 1.28 lakhs. These centres are intended

to rear exotic day old chicks upto five months and distribute them in selected areas, thus improving and popularising poultry farming. The targetted two poultry centres were opened at Nirmal and Nizamabad and the old centres were continued. In all a sum of Rs. 0.80 lakh was spent on this scheme till the end of March, 1960.

Key Village Scheme :

The programme under this scheme during 1959-60, included the starting of 2 additional key village centres besides the continuance of the 5 key village centres established prior to 1959-60 and a sum of Rs. 3.65 lakhs was, therefore, set apart for this purpose in the annual Plan. The target of starting 2 key village centres was achieved during 1959-60 and these centres were located at Zaheerabad and Suryapet and the centres started earlier were also continued. In addition 3 Urban Artificial In semination Centres were started at Mahbubnagar, Nizamabad and Khammameth. In all, a sum of Rs. 3.33 lakhs was spent till the end of March, 1960.

Strengthening Sheep Breeding Farm, Mahbubnagar :

There is ample scope and urgent need for the development of sheep industry in Telangana area where there is a large sheep population, to improve the economic conditions of shepherds. The sheep Farm at Mahbubnagar was selected for producing better types of rams to be supplied to the people for upgrading the local inferior stocks. For reorganising this Farm, a sum of Rs. 0.30 lakh was provided in the annual Plan for 1959-60 and till the end of March, 1960 an amount of Rs. 0.11 lakh was spent on this scheme.

Goshala Development Scheme :

Under this scheme, it was proposed during 1959-60 to provide financial assistance to the extent of Rs. 0.38 lakh to 6 Goshalas in the Telangana Region. Against this only a sum of Rs. 0.18 lakh was spent till the end of March, 1960.

Sheep and Wool Development Centres :

With a view to demonstrating modern methods of breeding and feeding of sheep and to enable the shepherds to earn their livelihood, eight sheep and wool development centres were opened by the end of 1958-59. For continuing these centres during 1959-60, a sum of Rs.

0.42 lakh was provided in the annual plan. As programmed the eight centres were continued during the year and a sum of Rs. 0.51 lakh was spent till the end of March, 1960.

District and State Cattle Shows :

In order to create enthusiasm among the cattle breeders and to educate the masses in scientific breeding, feeding and management of animals for the improvement of livestock, it was proposed to conduct District and State Cattle shows. During 1959-60, it was proposed to conduct one State Cattle Show and eight District Cattle Shows and towards this a sum of Rs. 0.18 lakh was provided in the annual Plan. During the year, State Cattle Show was conducted at Warangal besides conducting the District Cattle Shows and a sum of Rs. 0.19 lakh was spent.

Reorganisation of Biological Research Station :

With a view to meeting the requirements of biologicals of the entire Andhra Pradesh, it was proposed to step up the production of biologicals and to reorganise the present Serum Institute, Hyderabad to serve as a Research *cum*-Biological Products Station. A sum of Rs. 0.26 lakh was provided in the annual plan for 1959-60 for this purpose. During the year, improvements were made to the Biological Station at a cost of Rs. 0.21 lakh.

Rinderpest Eradication Scheme :

During 1959-60, it was proposed to extend the Rinderpest Eradication campaign to the five Districts of Telangana i.e., Adilabad, Karimnagar, Medak, Nizamabad and Hyderabad and a follow-up campaign is also proposed for the remaining 4 Districts of the Telangana Region. Towards this, an allotment of Rs. 5.55 lakhs was made in the current year's plan and a sum of Rs. 5.94 lakhs was spent on the scheme during the year. As programmed the Rinderpest Eradication Campaign was extended to the aforesaid five Districts and the follw-up work was in progress in the Districts of Mahboobnagar, Nalgonda and Khammam.

Distribution of Male Breeding Stock :

Under this scheme, it was proposed to distribute 28 pure breed of Malvi, Ongole and Murral type of male breeding during the year and for this purpose, a sum

of Rs. 0.50 lakh was provided in the Annual Plan. However, 50 breeding bulls were supplied at a cost of Rs. 0.55 lakh.

Fasiolosis in Raminant Pocharam Tank Area—Medak District :

For the eradication of liver fluke infection which is one of the principal factors responsible for the deterioration of local cattle, a scheme was launched during 1958-59 and the same was continued during 1959-60. The expenditure in this scheme during 1959-60, amounted to Rs. 0.30 lakh as against the provision of Rs. 0.28 lakh.

Reorganisation of existing veterinary institutions :

With a view to providing facilities for quick and correct diagnosis of cases on the post and to render timely veterinary aid to the livestock, it was proposed under this scheme to reorganise the veterinary institutions in the Telangana Region by opening clinical laboratories. During 1959-60, it was proposed to open one clinical laboratory at Warangal and for this purpose an amount of Rs. 0.24 lakh was allotted in the Programme for 1959-60. As programmed, the laboratory was opened at Warangal, but only a sum of Rs. 0.08 lakh was spent during the year.

Buildings for Farms and Hospitals :

Under this scheme, it was proposed to construct two permanent buildings during 1959-60 for locating veterinary hospitals where the land could be obtained free of cost. Towards this, a sum of Rs. 0.46 lakh was provided in the programme for the year. During the year, the construction of the buildings was taken up at Jangaon in Warangal District, Bhodhan in Nizamabad District, Siddipeta in Medak District and Nirmal in Adilabad District and a sum of Rs. 1.02 lakhs was spent till the the end of March, 1960.

Establishment of District Poultry Farms :

To cater to the increasing demand for the supply of exotic birds, it was proposed to start ten District Poultry Farms during 1959-60 at a cost of Rs. 1.00 lakh. The two Farms were opened at Mahboobnagar and Karimnagar but only a sum of Rs. 0.25 lakh was spent till the end of March, 1960.

Establishment of First Aid Centres :

Due to acute shortage of veterinary graduates, a large number of Veterinary Dispensaries and the Minor Veterinary Dispensaries could not be started. To obviate this difficulty to some extent, it was proposed to open 7 First Aid Centres during 1959-60 at a cost of Rs. 0.13 lakh. The targets for the establishment of seven centres whe fully achieved and the centres were opened at Kovvur in Adilabad District, Laxamanachada and Bashcerabad in Hyderabad District, Rangel and Yerrapahad in Nalgonda District, Vavilla in Karimnagar District and Merjal in Mahboobnagar District. But, the expenditure incurred on the scheme amounted to only Rs. 0.09 lakh.

Scheme for Cross Breeding of Cattle with Foreign breeds :

The scheme is designed to increase milk yield by infussion of foreign blood to improve the local breeds. Though a provision of Rs. 0.19 lakh was made for this scheme in the Plan for the year, the expenditure incurred on this scheme during the year 1959-60, amounted to Rs. 0.28 lakh.

Statement IV shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA						
1.	Key village scheme ..	23.40	..	1.25	5.80	11.10	8.56
2.	Establishment of Gosadhan .	0.64	..	0.15	0 24	0 12	0.12
3.	Goshala Development ..	2.27	..	0.66	0 03	0.81	0.42
4.	Rehabilitation of Nomadic Cattle Breeders ..	0.72	..	..	..	0 25	0.14
5.	District and State Cattle Shows.	0.82	..	0.05	0.23	0.33	0.29
6.	Sheep and Wool Extension Centres	1.77	..	..	..	1.31	0.97
7.	Poultry Extension Centres ..	7.83	..	0.96	3.19	2.76	2.40
8.	Piggery Development ..	2.67	..	..	0.37	1.45	0.94
9.	Livestock Research Station, Chinthaladevi ..	1 90	..	0.01	0 40	0.58	0.77
10.	Establishment of Livestock Farm, T.B. Project Area ..	1.70	..	..	0.50	0.50	0.87
11.	Opening of Goat Breeding Farm	1.48	..	..	0.38	0 57	0 34
12.	Supply of White Breeding Bulls.	3.54	..	0.49	0.95	1 10	0.77
13.	Supply of Buffalo Breeding Bulls	3.25	..	0.20	0 80	1 25	1.52
14.	Supply of Male Goats ..	0.14	..	.	0 04	0.10	..
15.	Supply of Female Goats ..	0.12	..	0.02	..	0.10	..
16.	Supply of Boars ..	0.39	..	0.05	0 03	0.16	0.17
17.	Supply of Sows ..	0.19	..	0.01	..	0.08	0.16
18.	Opening of Wool Demonstration Units	1.36	..	..	..	0.94	0.49

IV.

SUB-HEAD OF DEVELOPMENT : *Animal Husbandry.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievements in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Opening of K.V. Centres ..	No.	25	..	6	4	9	9
Gosadhan	,,	1	..	1	Continued.		
Assistance to Goshalas ..	,,	15	..	6	..	4	4
Distribution of Breeding Bulls ..	,,	14	..	—	—	14	14
Cattle Shows ..	,,	800	..	5	14	52	52
(*i*) Wool Centres ..	,,	8	..	—	—	8	8
(*ii*) Supervisory Unit ..	,,	1	..	—	—	1	1
Poultry Extension Centres..	,,	16	..	8	4	4	Sites selected.
(*i*) Piggery Development Blocks.	,,	—	—	—	—	6	6
		Improvements Scheme.					
		Do					
Goat Breeding Farm ..	No	1	..	..	1		Continuance.
White Breeding Bulls	,,	800	..	109	50	105	105
Buffaloe Breeding Bulls ..	,,	300	..	37	50	119	119
Male goats	,,	500	—	—	88	90	..
Female Goats ..	No.	550	..	20	—	115	—
Boars	,,	200	..	46	20	80	129
Sows	,,	60	..	19	..	80	94
Wool Demonstration Unit .	,,	4	—	—		4	Office opened.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19.	Opening of Sheep Farm ..	2.11	..	..	0.20	1.10	0.64
20.	Supply of Rams ..	0.60	..	0.01	0.43	0.06	0.15
21.	Opening of District Poultry Farms	2.10	..	..	..	1.00	0.40
22.	Supply of Exotic Cocks ..	0.68	..	0.10	0.20	0.23	0.19
23.	Supply of Hens ..	0.40	..	0.07	..	0.23	0.18
24.	Supply of Eggs. ..	0.10	..	0.01	..	0.04	0.06
25.	Additional Staff and improvements to Government Livestock Farm, Mahanandi	1.67	..	..	0.04	0.91	0.26
26.	Reorganisation of Livestock Farm, Palamaner ..	3.39	..	0.14	0.20	1.75	1.50
27.	Additional Staff to Govt. Livestock Farm, Chinthaladevi	0.11	..	..	0.03	0.05	0.04
28.	Improvements to Govt. Livestock Farm, Lam, Guntur..	3.27	..	..	..	2.18	0.32
29.	Central Poultry Research Station	2.10	..	..	..	1.00	0.29
30.	Appointment of Assistant Directors	0.97	..	..	..	0.39	0.04
31.	Additional Staff for Head Office and District Veterinary Offices	1.90	..	..	0.05	0.72	0.88
32.	Andhra Veterinary College, Tirupathi	39.17	5.85	2.66	7.44	18.52	14.02
33.	Emergency Short Course at Visakhapatnam ..	4.93	0.77	1.77	0.79	0.80	0.70
34.	Rinderpest Eradication Scheme	17.57	2.62	2.85	5.81	1.95	1.50

IV.

SUB-HEAD OF DEVELOPMENT: *Animal Husbandry.*

PHYSICAL TARGETS AND ACHIEVEMENTS

Item	Unit	Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Sheep Farm ..	.. No.	1	..	1	..	..	Improvements.
Rams ..	.. ,,	245	..	44	75	70	192
Poultry Farms	.. ,,	3	..	..	..	2	2
Exotic Cocks ..	.. ,,	3,300	..	485	462	2,000	683
Hens ..	.. ,,	2,000	..	315	..	2,000	2,248
Eggs ..	.. ,,	10,000	..	..	..	4,000	4,384
Improvements Scheme.							
(*i*) Hullikhan Cows	.. No	..	..	..	..	30	..
(*ii*) Bulls ..	.. ,,	..	..	..	..	2	..
(*iii*) Exotic Hens	.. ,,	..	..	..	..	100	..
(*iv*) Cocks ..	.. ,,	..	..	..	..	15	..
Staff Scheme.							
Improvements Scheme							
Research Station	.. No.	1	..	..	..	1	..
Staff Scheme.							
Staff Scheme.							
Candidates to be admitted..	No.	458	66	80	100	100	..
Admission of Students	.. ,,	550	100	100	120	100	80
Districts to be covered	.. ,,	12	6	5	..	12 follow up.	..

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
35.	Provision for I.C.A.R. Schemes	0.75	..	..	..	1.00	0.11
36.	Opening of Clinical Laboratories	2.41	0.17	0.19	0.46	0.89	0.52
37.	Opening of Touring Billets..	1.65	..	0.01	0.21	0.79	0.48
38.	Opening of Veterinary First Aid Centres	2.29	..	..	0.25	1.01	0.76
39.	Opening of Minor Veterinary Dispensaries	5.24	..	0.01	1.13	1.88	1.59
40.	Opening of Veterinary Dispensaries	1.84	..	0.08	0.27	0.88	0.61
41.	Opening of Biological Institute	7.69	..	..	0.81	4.00	1.51
42.	Appointment of L.D. Cs. in Major Veterinary Institutions	0.48	..	..	0.04	0.08	0.08
43.	Supply of Jeeps to District Veterinary Officers ..	2.18	..	..	0.47	0.54	0.73
44.	Training of Veterinary Compounders	1.68	..	..	0.81	0.54	0.44
Schemes subsequently included in the Revised Estimates for 1959-60.							
45.	Cattle and Dairy Farm, Kakinada	..	..	..	..	..	2.15
	Grand Total ..	169.06*	9.47*	12.15*	38.53*	66.05	48.48

IV.

SUB-HEAD OF DEVELOPMENT : *Animal Husbandry.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
		No Targets.					
Laboratories ..	No.	11	..	5	..	3	3
Touring Billets	No.	15	..	6	3	6	6
First Aid Centres	No.	81	..	..	16	43	43
M. V. Dispensaries	No.	50	..	8	17	10	10
Veterinary Dispensaries	,,	28	..	5	1	10	10
		Improvements Scheme.					
		Staff Scheme.					
Jeeps ..	No.	12	..	..	..	4	Purchased and supplied.
Compounders trained	No.	600	..	..	..	240	800
Farm ..	No.	..	..	..	..	1	1

STATEMENT

HEAD OF DEVELOPEMTNT : *Agricultural Programmes.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TELANGANA						
1.	Appointment of two Assistant Directors.. ..	0.60	..	..	..	0.26	0.01
2.	Additional Staff for Head-Office and District Offices..	1 83	..	0.03	0.40	0.65	0.85
3.	Stationery Veterinary Dispensaries	2.63	..	0.10	0.70	0.93	1.03
4.	Minor Veterinary Dispensaries	4 59	.	0.08	0.71	1.78	0.98
5.	Jeeps to District Veterinary Offices .. .	1.75	.	0.25	0.23	0.45	0.27
6.	Medicines and Equipment ..	2 73	0.05	0.37	1.17	0.61	0.64
7.	Emergency two year diploma course .. .	3.51	..	0.76	1.39	0.60	1.04
8.	Training of Stockmen ..	1.21	..	0.05	0.21	0.38	0.25
9.	Establishment of Wool Technological Laboratory, Rajendranagar	2 21	..	.	0.75	0.21	0.25
10.	Central Poultry Farm, Hyderabad	2.39	.	0.15	0.54	0.75	0.35
11.	Poultry Extension Centres	4 25	..	0.27	0.90	1.28	0.80
12.	Key Village Scheme ..	7.45	..	0.20	1.51	3.65	3.38
13.	Strengthening of Sheep Breeding Farm, Mahbubnagar .	1.80	..	..	..	0.80	0.11
14.	Goshala Development Scheme	1.05	..	0.44	0.09	0.88	0.18
15.	Sheep and Wool Development Centres	3 00	..	0.26	0.75	0.42	0.51
16.	District and State Cattle Shows	0.55	..	0.04	0.16	0.18	0.19
17.	Reorganisation of Biological Research Station ..	0.50	..	..	0.04	0.26	0.21

IV.

SUB-HEAD OF DEVELOPMENT: *Animal Husbandry.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	13)	(14)	(15)	(16)
Staff Scheme.							
do							
Stationery Veterinary Dispensaries	No.	23	..	8	7	4	4
M. V. Dispensaries ..	„	35	..	11	9	10	10
Jeeps	„	9	..	2	1	2	1
Medicines and equipment .	Rs. in lakhs.	2.73	0.05	0.37	1.13	0.64	..
Admission of students ..	No.	300	..	78	100	..	80
Stockmen trained ..	„	500	..	40	130	260	170
Laboratory	„	1	..	..	1	..	..
Poultry Farm ..	„	1	..	1	..	..	..
Poultry Extension Centres..	„	8	..	2	2	2	2
K. V. Centres ..	„	9	..	2	3	2	2
Improvements Schmeme.							
Goshala benefitted ..	No.	8	..	4	..	2	..
Centres	„	16	..	4	4	..	..
Cattle Shows	No.	28	..	1	10	10	10
Improvements Scheme.							

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.*

(Rs. in lakhs.

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18.	Rinderpest Eradication Scheme	15.58	..	1.57	0.74	5.55	5.94
19.	Distribution of Male breeding Stock	2.56	..	..	0.56	0.50	0.55
20.	Fasiolosis in Raminant in Pocharam tank area, Medak District	0.77	..	..	0.17	0.28	0.30
21.	Reorganisation of existing veterinary institutions ..	1.00	..	..	..	0.24	0.08
22.	Buildings for Farms and Hospitals	2.21	..	0.04	0.70	0.46	1.02
23.	Establishment of District Poultry Farms ..	1.63	..	..	..	1.00	0.25
24.	Establishment of First Aid Centres	0.68	..	..	..	0.13	0.09
25.	Scheme for Cross Breeding of Cattle with foreign breed.	0 85	..	..	0 41	0 10	0.28
26.	Provision for I.C.A.R. Schemes.						
	(*a*) Biological Control of Fasiolosis by introduction of ducks.	..	..	..	..	..	0.67
	Total for Telangana ..	78.61*	0.05*	4.68*	12.32*	21.47	19.68
	Grand Total (Andhra Pradesh)	242.67*	9.52*	16.78*.	45.85*	87.52	68.16

*Includes figures relating to schemes either to be takeu up or taken up, and completed prior to 1959-60.

IV.

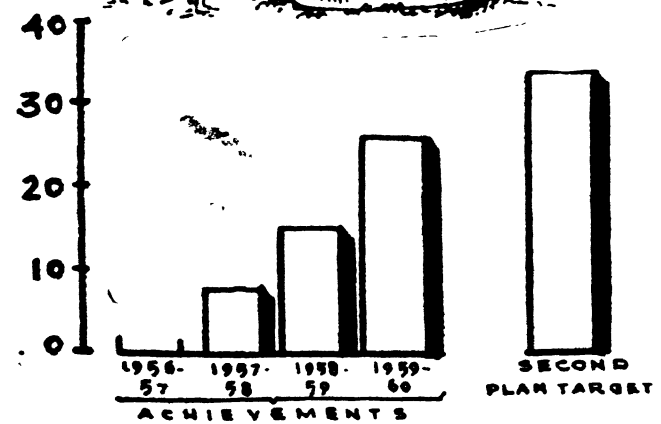
SUB-HEAD OF DEVELOPMENT : *Animal Husbandry.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Districts covered	No.	9	..	2	Continued.	5	2
Breeding Stock	,,	180	..	..	248	28	Purchased
Liver fluke ..	,,	1	..	..	..	..	..
Clinical Laboratory	,,	2	..	..	1	1	1
	,,	..	..	..	..	..	..
Poultry Farms	,,	3	..	..	..	2	..
First Aid Centres	,,	22	..	..	..	7	7
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..

ANIMAL HUSBANDRY

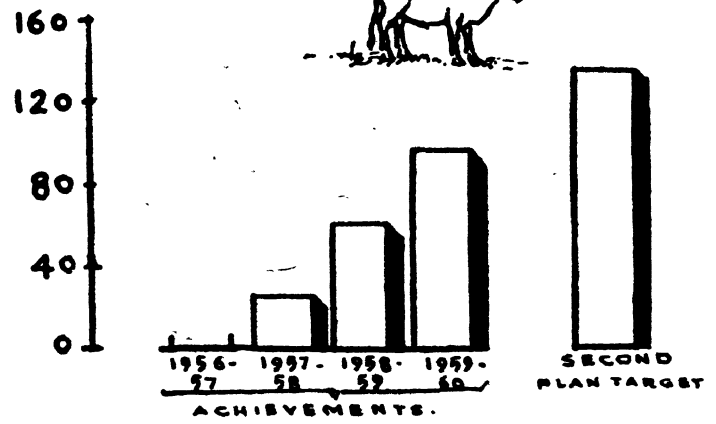
KEY VILLAGE CENTRES OPENED





VETERINARY DISPNSARIES OPENED





CHAPTER VIII.

Dairying and milk supply

During the year 1959-60, it was proposed to implement six schemes designed to promote Dairying and Milk supply in the State at an estimated cost of Rs. 28.49 lakhs. Of these, 3 schemes costing Rs. 12.55 lakhs relate to the Andhra region and the remaining three schemes costing Rs. 15.94 lakhs to the Telangana region. However, the "Intensive milk supply schemes" in the Telangana region could not be implemented during the year while on the other five schemes, a sum of Rs. 8.01 lakhs was spent. An account of the progress made under each of the schemes is given below.

Andhra.

Intensive Milk Supply scheme :

This scheme envisages the augmentation of milk supply in municipal areas by establishing medium-sized dairy plants. This scheme was first introduced in Guntur and Kurnool towns in 1955-56 as an experimental measure and it is under implementation since then. This scheme was not extended to other Municipal areas during the first two years of the Second plan. However in 1958-59, the scheme was extended to Nellore town and necessary financial assistance to the extent of Rs. 1.30 lakhs was also sanctioned to the Nellore co-operative Milk supply union for acquisition of site and construction of dairy building etc.

In addition to this, additional financial assistance was also sanctioned to Kurnool and Guntur milk supply unions to enable them to implement the scheme completely. Financial assistance was also given to Visakhapatnam and Hindupur milk supply unions and Kalahasti Co-operative Milk Society to develop their business, during 1958-59. Besides completing the Nellore Milk supply scheme it was proposed to extend the scheme to Chittoor and Tirupathi towns during the year 1959-60, and a provision of Rs. 6.96 lakhs was made for this purpose in the budget estimates for the year. But as the

scheme for Chittoor and Tirupathi towns was not sanctioned and much headway could not be made in respect of Nellore scheme on account of the delay in acquisition of site by involving emergency provisions of the land acquisition Act, etc., no expenditure was incurred on these schemes. A sum of Rs. 0.77 lakh was however, spent towards committed expenditure on the staff appointed under plan schemes and also towards sanction of financial assistance to 15 co-operative milk supply societies and 2 co-operative milk supply unions for the purchase of equipment etc.

Milk Powder Factory :

A sum of Rs. 2.00 lakhs was provided in the Budget for 59-60 to attend to the preliminaries connected with the establishment of a Milk Factory at Vijayawada. A pilot study was initiated during the year for collecting statistical data on the production of milk, the number milch animals etc., and necessary arrangements have been made to acquire the site, purchase of equipment etc., The expenditure on this scheme amounted to Rs. 1.99 lakhs.

Improvements to Government Dairy Farm, Visakhapatnam :

The scheme was proposed for increasing the milk production in the Dairy Farm by providing additional facilities such as buildings, equipment and staff etc. During the year 1959-60, a sum of Rs. 3.59 lakhs was provided for this purpose against which only an amount of Rs. 1.69 lakhs could be utilised.

Telangana

Reorganisation of existing Dairy Farms :

Government Cattle Breeding Farms at Rajendranagar and Karimnagar were started with a view to develop local livestock through systematic breeding and management. During the year 1959-60, it was proposed to reorganise these cattle farms into cattle and dairy farms by purchasing milch stock, equipment consruction of additional buildings etc., and a sum of Rs. 1.18 lakhs was provided for this purpose in the Budget estimates, but the actual expenditure amounted Rs. 1.48 lakhs.

Supply of Milk to Hyderabad and Secunderabad:

Under this scheme, milk will be collected twice a day (Morning and Evening) from the villagers and after pasteurising, it will be supplied to the consumers at reasonable rates. A sum of Rs. 13.09 lakhs was provided in the Budget Estimates for 1959-60 for the purchase of a pasteurisation plant, construction of building etc. Against this provision only a sum of Rs. 2.08 lakhs could be utilised during the year under review.

Statement V shows the financial and physical targets and achievements.

[*Statement.*

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes* (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Intensive Milk Supply ..	14.44	..	..	2.34	6.96	0.77
2.	Milk Powder Factory Scheme	16.00	..	..	..	2.00	1.99
3.	Improvements to Government Dairy Farm Visakhapatnam	7.59	..	1.46	1.48	3.59	1.69
	Total for Andhra :	38.03	..	1.46	3.82	12.55	4.45
	Telangana						
1.	Intensive Milk Supply Scheme	1.67	..	..	..	1.67	..
2.	Reorganisation of existing farms	6.54	..	..	2.48	1.18	1.48
3.	Supply of Milk to Hyderabad and Secunderabad .	17.85	..	0.59	0.76	13.09	2.08
	Total for Telangana .	26.06	..	0.59	3.24	15.94	3.56
	Total for Andhra Pradesh .	64.09	..	2.05	7.06	28.49	8.01

V.

SUB-HEAD OF DEVELOPMENT: *Dairying and Milk Supply.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievements in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Production of Milk through Co-operative Societies	No. of lb./day	1,00,000	..	..	..	12,000	*
Factory	No.	1	..	..	..	1	..
Improvements ..	cost in lakhs.	7.59	..	1..46	1.48	3.59	1.67
Production of Milk through Co-operative Societies ..	No. of lb./day	100,000	..	..	..	12,000	Scheme not sanctioned
Reorganisation of cattle & Dairy Farms ..	No.	2	..	..	2	..	..
Milk supply Unions ..	No.	1	..	1	..	..	..

*Scheme not fully implemented.

CHAPTER IX.

Forests.

During the year 1959-60 twenty-five schemes were originally proposed to be implemented for the development of forests in the State at a cost of Rs. 34.99 lakhs —11 schemes costing Rs. 15.02 lakhs in the Andhra Region and 14 schemes costing Rs. 19.97 lakhs in the Telangana Region. During the course of the year the following additional schemes for which there was no provision in the plan for 1959-60 were brought into the plan and implemented.

Andhra

1. Raising Experimental Plantation of Commercial and Garden Crops;
2. Raising Teak Plantation over increased area in Godavari Upper Division;
3. Raising extra area with eucalyptus;
4. Raising research and experimental plantation;
5. Raising casuarina plantations in Nellore District;
6. Raising of Cashew Plantations, maintenance etc.;
7. Supply of electric transmission poles.

Telangana

8. Supply of Electric Transmission Poles;
9. Supply of Jeeps to Subordinate Officers.

During the year no expenditure was incurred on the two schemes *viz.*, Establishment of Accounts branch in Chief Conservator of Forest's Office and Strengthening of Silviculturist's Research Branch. The expenditure on the 32 schemes implemented during the year amounted to Rs. 35.67 lakhs against the final provision of Rs. 36.86 lakhs. Of this, a sum of Rs. 19.53 lakhs was spent in the Andhra Region while the remaining amount of Rs. 16.14 lakhs was spent in the Telangana Region.

The progress made in respect of each scheme in the Andhra and Telangana Regions is given below :

Andhra

Working Plan Circle :

During the first three years of the plan, the survey and demarcation for the preparation of working plans for estate forests, taken over by the Forest Department, was completed in four divisions. In the budget for 1959-60, a sum of Rs. 1.99 lakhs was provided for the preparation of working plans in four more divisions. This provision was subsequently revised to Rs. 1.88 lakhs and a sum of Rs. 1.86 lakhs was spent till the end of March, 1960. Working plans in respect of 1 division was completed during the year under review.

Afforestation of River Banks :

With a view to preventing sand drift into the villages and cultivated lands nearby and to increase the forest area, suitable localities on the banks of the rivers Chitravathi and Papagni in Cuddapah district over an area of 160 acres was afforested during the first three years of the Plan. During the year 1959-60 it was proposed to raise further plantations in addition to the maintenance of old plantations and raising nurseries for the plantations for 1960-61. Towards this a provision of Rs. 0.09 lakh was made in the plan for 1959-60 which was subsequently revised to Rs. 0.11 lakh and this entire provision was spent during the year for raising afforestation plots in an area of 80 acres over the banks of the river Papagni.

Forest Regeneration :

With a view to improving the productive capacity of the denuded and degraded panchayat and estate forests taken over by the forest department and to reclothe the denuded open areas in departmental forests, regeneration plots were proposed to be raised in an area of 7,172 acres during the year 1959-60 at a cost of Rs. 2.70 lakhs. By the end of March, 1960 a sum of Rs. 2.88 lakhs, exceeding over the final provision of Rs. 2.84 lakhs, was spent and regeneration plots were raised over an area of 3,813 acres.

Afforestation of denuded hills inside the Reserve Forests :

With a view to increasing the productivity of forests on the denuded hill slopes inside the reserved forests, afforestation plots under the contour trenching methods were proposed to be raised over an area of 120 acres during the year at a cost of Rs. 0.12 lakh During the year the entire provision was spent and the targets fixed were fully achieved.

Forest Roads (Plains) :

Under this scheme it was proposed to improve and construct roads over a length of 68 miles in the forests of Kurnool (Nallamalais) and Cuddapah districts with a view to facilitating full exploitation of the interior forests for which a sum of Rs. 3.13 lakhs was made in the final provisions for 1959-60. Against this improvements and construction of roads over a length of 49 miles was completed during the year. The expenditure incurred on this scheme till the end of March, 1960 amounted to Rs. 3.27 akhs.

Forest Roads in Agency :

In order to improve the road system in the agency tracts with a view to enabling the department to exploit the interior forest, construction of roads over a length of 77½ miles was proposed to be taken up during the year at a cost of Rs. 3.97 lakhs. By the end of March, 1960 roads over a length of 70 miles were constructed and a sum of Rs. 3.54 lakhs was spent.

Supply of Jeeps to the Sub-ordinate Officers :

Under this scheme it was proposed to supply two Jeeps to two District Forest Officers with a view to enabling them to move about more swiftly within their jurisdiction so as to ensure prevention of illicit removals of Forest produce. By the end of March, 1960 two Jeeps with two trailers were purchased and supplied at a cost of Rs. 0.30 lakh provided for this scheme.

Buildings in Agency Areas :

During the year 1959-60 it was programmed to construct 20 buildings for the offices and quarters for subordinate staff working in the agency areas to ensure adequate control over the estate forests and check illicit felling and a sum of Rs. 1.00 lakh was provided for this

scheme. By the end of March, 1960 construction of 7 buildings was in progress. A sum of Rs. 0.64 lakh was spent on this scheme till the end of March, 1960 against the revised provision of Rs. 0.63 lakh.

Economic Survey of Minor Forest Produce :

With a view to carrying out systematic survey of Minor Forest Produce throughout the State of Andhra Pradesh and for suggesting ways and means for their effective utilisation, it was proposed to appoint special staff and also to purchase a Jeep. Towards this a sum of Rs. 0.45 lakh was provided in the plan for 1959-60. By the end of March, 1960 a sum of Rs. 0.27 lakh was spent on the scheme towards the pay and allowances of the staff and for the purchase of the Jeep.

Enforcement of Timber Transit Rules :

This scheme was intended to have effective check over the timber removed from one place to another which would result in curbing illicit removal of timber. For this purpose it was proposed to open 80 Thanas all over the forest divisions during 1959-60 and a sum of Rs. 0.35 lakh was provided for this scheme. By the end of March, 1960 only 40 Thanas were opened and a sum of Rs. 0.20 lakh was spent.

Buildings in Plains :

Under this scheme it was proposed to construct 12 residential quarters during the current year at a cost of Rs. 0.60 lakh for the subordinate staff in Rayalaseema districts of Andhra where there is a dearth of residential accommodation. By the end of March, 1960 the target set forth in the annual plan was fully achieved and a sum of Rs. 0.59 lakh was incurred.

Raising Experimental Plantations of Commercial and Garden Crops :

This scheme was intended to increase the economic value of Forests by introducing species such as pineapple cane, bamboos etc. Originally no provision was made for this scheme but subsequently a sum of Rs. 0.23 lakh was provided in the final provisions for 1959-60 for raising plantations over an area of 296 acres. Against this a sum of Rs. 0.18 lakh was spent till the end of March, 1960 and the target fixed for raising plantations over an area of 296 acres was achieved.

Raising Teak Plantations over increased area in Upper Godavari Divisions :

With a view to increase the productive capacity of teak to meet the increasing demand for construction and manufacturing projects, it was proposed in the revised estimates to raise plantations over an area of 240 acres at a cost of Rs. 0.28 lakh during the year 1959-60. Against this a sum of Rs. 0.24 lakh was spent till the end of March, 1960 and plantations were raised over an area of 209 acres.

Raising extra area with Eucalyptus :

This scheme was intended to raise eucalyptus as fuel species for meeting the increasing demand for fuel.During the year 1959-60 a sum of Rs. 0.34 lakh was provided in the final provision for 1959-60 for raising plantations over an area of 350 acres. Against this a sum of Rs. 0.26 lakh was spent till the end of March, 1960 and the targets set forth were fully achieved.

Raising Research and Experimental Plantations :

With a view to carrying out research and experiments in the growth of forest species by taking up experimental plantations, a sum of Rs. 0.15 lakh was provided in the final provisions for 1959-60. Against this a sum of Rs. 0.14 lakh was spent till the end of March, 1960.

Raising Casuarina Plantations in Nellore Division :

With a view to meet the increasing demand for fuel, a sum of Rs. 0.30 lakh was provided in the final provisions for 1959-60 for raising plantations in an area of 359 acres. The entire provision was spent during the year and the plantations were raised in an area of 305 acres.

Raising Cashew Plantations Maintenance etc. :

This scheme was being continued as non-plan scheme till the end of 1958-59 and it was subsequently brought under the plan. A sum of Rs. 4.45 lakhs was provided for this scheme in the final provisions for 1959-60 for planting an area of 9,000 acres besides maintaining old plantations and preliminary works for the next year. Against this, a sum of Rs. 4.04 lakhs was spent on this scheme and plantations were raised in an area of 9,392 acres till the end of March, 1960.

Supply of Electric Transmission Poles.

With a view to supply 1,500 wooden poles to the Electricity Department, a sum of Rs. 0.73 lakh was provided for this scheme in the final provisions for 1959-60. Against this a sum of Rs. 0.59 lakh was spent for the supply of 9,500 poles till the end of March, 1960.

Telangana

Strengthening of Territorial Divisions :

In order to carry out the various development works aimed at the improvement of Forests in the Telangana Region, the 12 Territorial divisions and the 2 afforestation non-territorial divisions existing in the area were strengthened during the year 1957-58, by appointing 3 Assistant Forest Officers, 13 Range Officers, 3 Clerks and 3 Peons. Towards the continuance of the staff a sum of Rs. 0.67 lakh was provided in the Final Provisions for this scheme against which a sum of Rs. 0.63 lakh was spent till the end of March, 1960.

Forest Research, Propaganda and Publicity :

This scheme envisages research work on two distinct lines viz., collection of statistical data about the growth and behaviour of indigenous species and anti-erosion and afforestation work. Besides the research work, the scheme also aims at propaganda and publicity during the plan period. During the year under review research, propaganda and publicity were carried out as programmed and the entire provision of Rs. 0.11 lakh was spent.

Lac Cultivation :

This scheme is intended for the production of Lac from the forest areas in Adilabad district. This product is a good foreign exchange earner in addition to providing a useful subsidiary occupation for the population. During the year 1959-60, about 95 maunds of lac were produced and the entire provision of Rs. 0.15 lakh was spent.

Artificial Regeneration in Timber Forests :

With a view to improving the conditions of the existing commercially valuable forests and to meet the requirements of timber in future, it was programmed under this scheme to raise artificial regeneration plots for timber species in an area of 600 acres besides maintaining the old

plots and for this a sum of Rs. 0.22 lakh was provided during 1959-60. By the end of March, 1960 regeneration plots were raised in an area of 400 acres and the provision made for this scheme was fully spent.

Artificial Regeneration in Fuel and Pole Forests :

This scheme aims at improving the productive capacity of the forest areas taken over by the departments, by raising artificial regeneration plots in denuded open areas and reclothing them with hardy and economic species. During the year 1959-60, plantations were raised in an area of 500 acres against the target of 300 acres and the entire provision of Rs. 0.24 lakh made for this scheme was spent.

Match wood Plantations :

This scheme is intended for raising match-wood plantations in Warangal district in order to meet the increasing demand for soft wood species and provide raw material to the local Match Manufacturing and other Cottage Industries. As programmed, match wood plantations were raised in an area of 150 acres and a sum of Rs. 0.13 lakh against the final provision of Rs. 0.14 lakh, was spent till the end of March, 1960.

Nurseries under Forest Development :

The object of this scheme was to establish 4 nursery units during 1959-60 in the Telangana Region where stumps and seedlings would be raised and supplied in required quantities to feed the plantation areas taken up for afforestation and regeneration. Accordingly, four nursery units were raised and a sum of Rs. 0.18 lakh was spent till the end of March, 1960 against the provision of Rs. 0.19 lakh.

Construction of Buildings :

With a view to provide accommodation to several Forest Offices located in rented buildings and to District Forest Officers it was programmed under this scheme to construct office buildings and quarters. The construction of office buildings of the Chief Conservator of Forests and other buildings in the moffusil areas was taken up during 1958-59. A sum of Rs. 8.38 lakhs was provided in the plan for 1959-60 for completing the works already taken up. But, this provision was subsequently revised

to Rs. 5.50 lakhs and against this a sum of Rs. 6.76 lakhs was spent by the close of the year and 32 buildings were constructed.

Organisation of Protection Staff for Game Sanctuaries :

With a view to preserving the wild life in the region which is on the verge of extinction, 4 sanctuaries with necessary protective staff, were opened in the District of Warangal, Medak and Adilabad. During the year 1959-60, a sum of Rs. 0.56 lakh was provided for maintaining these 4 game sanctuaries and to take up the improvements. An expenditure of Rs. 0.51 lakh was incurred on this scheme by the end of March, 1960.

Construction of Roads :

To facilitate exploitation of valuable timber which will add to the revenues of the Government, the scheme contemplates at the construction of Forest Roads over a length of 80 miles during the Second Plan Period. A sum of Rs. 1.50 lakhs was provided for 1959-60 for the construction of Roads over a length of 30 miles. By the close of the year roads over a length of 28 miles with an expenditure of Rs. 1.28 lakhs were constructed.

Cashew Plantations :

Under this scheme it was proposed to raise cashewnut plantations over an area of 1,300 acres at a cost of Rs. 0.18 lakh. But its provision was subsequently revised to Rs. 0.09 lakh and this provision was spent by the end of March, 1960 and plantations were raised in an area of 400 acres.

Establishment of Zoological Gardens :

This scheme aims at the establishment of Zoological Gardens at Hyderabad on the lines of those established in other parts of the country. During the year 1958-59 an amount of Rs. 2.00 lakhs was spent on the acquisition of lands selected for the location of the Gardens and in the Plan for 1959-60 a sum of Rs. 7.50 lakhs was provided for the construction of buildings, cages, fencing wells, ponds, tanks etc. This provision was subsequently reduced to Rs. 3.96 lakhs in the final provisions for the year and against this a sum of Rs. 3.48 lakhs was spent till the end of March, 1960. The works are in progress.

Departmental Supply of Electric Transmission Poles :

With a view to supplying 5,000 wooden poles to the Electricity Department, a sum of Rs. 0.19 lakh was provided in the final provisions of the year. Against this a sum of Rs. 0.18 lakh was spent till the end of March, 1960 and 4,400 poles were supplied.

Supply of Jeeps to the Subordinate Officers :

The scheme is intended to purchase and supply Jeeps to the subordinate officers with a view to enable them to move about more swiftly within their jurisdiction so as to ensure prevention of forest offences. Towards this a sum of Rs. 2.18 lakhs was provided in the final provisions of the year 1959-60 for purchasing and supplying 15 Jeeps. By the end of the year all the 15 Jeeps were purchased and supplied to the Divisiona Forest Officers in the Telangana Region and the entire provision was spent.

Statement VI shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS *Rs. in Lakhs*					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA						
1.	Working Plan Circle ..	9.46	1.92	1.65	1.92	1.99	1.86
2.	Afforestation of River Banks	0.60	0.14	0.18	0.09	0.09	0.11
3.	Forest Regeneration ..	9.78	0.71	0.39	1.88	2.70	2.88
4.	Afforestation of denuded hills inside Reserved Forests	0.52	0.08	0.07	0.11	0.12	0.12
5.	Forest Roads (Plain) ..	11.66	0.51	2.53	1.67	3.45	3.27
6.	Forest Roads in Agency ..	13.30	..	1.63	3.67	3.97	3.54
7.	Supply of Jeeps to the District Forest Officers ..	0.86	..	0.28	0.28	0.30	0.30
8.	Buildings in Agency areas ..	1.94	..	..	0.03	1.00	0.64
9.	Enforcement of timber transit Rules	0.74	..	..	..	0.35	0.20
10.	Buildings in Plains ..	1.20	..	..	..	0.60	0.59
11.	Economic Survey of minor forest produce.	0.81	..	..	..	0.45	0.27
	SCHEMES SUBSEQUENTLY INCLUDED						
12.	Raising experimental Plantations of commercial crops and Garden crops ..	0.64	..	..	..	..	0.18
13.	Raising Teak Plantations over increased area in Godavari Upper Division	1.06	..	..	..	..	0.24
14.	Raising extra area with Eucalyptus	0.77	..	..	..	..	0.26

VI.

SUB-HEAD OF DEVELOPMENT: *Forests.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Preparation of working Plans	No. of divisions	8½	1	1	1	4	1
(*a*) Afforestation Plots raised ..	Acs.	544	..	80	80	160	80
(*b*) Maintenance of old plots	„	315	..	..	..	..	..
Raising Regeneration Plots and Maintenance of old plots	Acs.	17,450	1,616	230	3,294	7,172	3,818
Afforestation of Plots and Maintenance ..	„	775	95	105	115	120	120
Improvements, construction and repairs to Roads	Miles	399	—	30	35	68	49
„ „ ..	„	286	..	30	42	77½	70
Jeeps with Trailors No. ..	„	6	..	2	2	2	2
Construction of Buildings..	No.	55	..	..	..	20	8
Employment of Thanadars	„	80	..	..	..	80	40
Construction of Buildings..	„	24	..	..	..	12	12
Plantations	Acs.	..	..	..	..	296	296
„ „ ..	„	..	..	..	..	240	209
„ „ ..	„	..	..	..	..	350	350

STATEMENT

HEAD OF DEVELOPEMTNT: *Agricultural Programmes.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (*Rs in Lakhs*)					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
15.	Raising casuarina plantation Nellore Dist.'	0.60	..	..	..	..	0.30
16.	Supply of Electric Transmision lines.	..	..	..	..	..	0.59
17.	Raising Research and experimental Plantations ..	0.30	..	..	..	..	0.14
18.	Raising Cashew Maintenance	6.28	..	..	..	..	4.04
	Total for Andhra ..	63.09	3.86	6.68	9.65	15.02	19.58

VI.

SUB-HEAD OF DEVELOPMENT.—*Forests.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
„ „	„	..	..	..	..	359	805
Plantakons	Acres						
Poles	No.	..	..	..	..	1,500	9,500
Research Scheme							
Plantations	Acs.	..	..	..	..	9,000	9,392

STATEMENT

HEAD OF DEVELOPMENT *A : gricultural Programmes.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (*Rs. in lakhs*)					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana						
1.	Strengthening of territorial divisions	2.95	0.38	0.53	0.55	0.60	0.68
2.	Establishment of Accounts Branch in C.C.F's Office ..	0.33	0.11	0.12	0.10	0.15	..
3.	Strengthening of Silviculture Research Branch ..	0.09	0.02	0.03	0.04	0.06	..
4.	Forest Research, Propaganda and Publicity ..	0.38	0.01	0.04	0.11	0.11	0.11
5.	Lac cultivation ..	0.58	0.06	0.10	0.12	0.15	0.15
6.	Artificial Regeneration in fuel and pole forests ..	0.85	0.12	0.13	0.15	0.25	0.24
7.	Artificial Regeneration in timber forests ..	0.90	0.13	0.13	0.22	0.22	0.22
8.	Match wood Plantation ..	0.45	0.08	0.04	0.10	0.13	0.13
9.	Nurseries under Forest Development ..	0.92	0.17	0.14	0.24	0.18	0.18
10.	Construction of Buildings ..	11.38	..	..	2.12	8.38	6.76
11.	Organisation and Protection of staff for game sanctuaries	1.91	0.07	0.26	0.67	0.56	0.51
12.	Construction of Roads ..	1.99	..	..	0.64	1.50	1.28
13.	Cashewnut Plantation ..	0.17	..	..	..	0.13	0.09
14.	Establishment of Zoological gardens	12.50	..	..	2.00	7.50	3.48
	Schemes subsequently included in Revised Estimates.						
15.	Departmental Supply of Poles	..	..	..	..	..	0.13
16.	Supply of Jeeps to Subordinate Officers ..	..	..	..	..	..	2.13
	Total for Telangana ..	42.84	1.10	1.52	7.06	19.97	16.14
Grand Total for Andhra Pradesh .		*105.93	4.46	8.20	16.71	34.99	35.67

*Besides schemes listed this includes the figures for the schemes completed earlier to 1959-60

VI.

SUB-HEAD OF DEVELOPMENT : *Forests.*

Item	Unit	PHYSICA TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Staff scheme						
	"						
	"						
	Research Scheme						
Production of Lac	No.of Mds.	800	—	42	69	450	95
Raising Regeneration plots	Acs.	2,500	—	500	500	300	500
" "	"	3,250	350	600	400	600	400
Plantation and Maintenance	"	500	50	50	50	150	150
Nurseries ..	No. of units	20	4	4	4	4	4
Buildings ..	No.	80	..	..	..	40	32
Game Sanctuaries	No.	4	Continued			continued	
Function of Roads	Miles	80	..	..	..	30	28
Plantations ..	Acs.	1,600	..	..	..	1,300	400
Supply of Poles	No.	..	..	..	..	5,000	4,400
Jeeps ..	..	..	..	..	..	15	15

and/or Schemes which are proposed to be taken up in 1960-61.

CHAPTER X

Soil Conservation

A sum of Rs. 23.12 lakhs was provided in the Budget for 1959-60 for the implementation of 15 Soil conservation schemes in Andhra Pradesh—10 schemes at a cost of Rs. 15.31 lakhs in the Andhra Region and 5 schemes at a cost of Rs. 7.81 lakhs in the Telangana Region. This provision was subsequently increased to Rs. 29.13 lakhs in the revised Estimate for the year. However, the actual expenditure on the implemented schemes amounted to Rs. 18.20 lakhs.

A short account of the various schemes taken up for implementation during the year is given below :—

Andhra

Araku Valley Pilot Scheme :

The Pilot schemes of Soil conservation in Araku Valley was taken up in 1956-57 and since then it is being continued. An amount of Rs. 1.50 lakhs was provided in the revised estimates during the year 1959-60, to benefit an area of 2,000 acres. The actual expenditure on this scheme during 1959-60 amounted to Rs. 1.01 lakhs and an area of 1,825 acres was covered by Soil conservation measures. The cumulative expenditure on this scheme during the first four years of the Second Plan was Rs. 4.02 lakhs and an area of 3,764 acres was benefited under this scheme.

Soil Conservation Scheme for Red Soils in Anantapur District :

This scheme which was launched in July, 1954 envisages soil conservation measures in scarce rainfall areas in red soil regions of Anantapur District where ryots are economically backward and the top soil is exposed to erosion. An amount of Rs. 8.02 lakhs was earmarked for this scheme in the Second Plan to benefit an area of 9,126 acres. Against this programme, a sum of Rs. 3.91 lakhs was spent so far and an area of 8,068 acres of land was covered by soil conservation measures.

Soil Conservation Scheme in N. E. S. Block, Pendurthi :

This is a continuing scheme started during November 1957 with a view to make the average ryots soil conservation-minded and to bring home tangible benefits of soil conservation. The programme under this scheme during 1959-60 includes contour bunding in 90 acres, sowing of seeds of economic importance in the trenched areas, preparation of plans, estimates and registers of rights and liabilities for the entire area. During the year under review, a provision of Rs. 0.63 lakh has been made against which an expenditure of Rs. 0.61 lakh has been incurred and contour bunding has been done in 190 acres against the target of 90 acres.

Soil Conservation Scheme for Machkund Basin :

The object of this scheme which was taken up during 1957-58 is to arrest the rapid silting-up of the Jalaput reservoir in the Machkund Basin and also to improve the agricultural methods and the economic condition of Adivasis. During the year 1959-60, an amount of Rs. 7.00 lakhs was provided in the revised estimates to tackle a a further area of 6,400 acres besides the continuance of staff appointed previously. Against this programme, an amount of Rs. 5.23 lakhs has been spent during the year under review and an area of 9,298 acres has been tackled.

Training of Personnel in Soil Conservation :

As there was dearth of trained technical personnel to man the soil conservation schemes in the State, it was programmed to train 14 candidates, and a provision of Rs. 0.20 lakh (revised) has been made for the same in 1959-60. Against this programme, 6 candidates were trained and the entire provision was spent during the year under review.

Pilot Demonstration Project of Dry Farming in 10 acres Plots :

Under this scheme, it was proposed to give a subsidy of Rs. 15 per acre to the cultivators for adopting dry farming methods in contour bunded areas of Kurnool, Anantapur and Chittoor Districts, of Andhra Region and Hyderabad, Mahbubnagar and Nalgonda districts of Telangana Region. For this purpose, a provision of Rs. 0.33 lakh was made in the plan for the year. However

this was reduced to Rs. 0.10 lakh in the revised estimates. An expenditure of Rs. 0.08 lakh was actually incurred on it during the year.

Afforestation of denuded hills outside Reserved Forest :

This scheme was proposed for afforestation of areas on denuded hill slopes outside the Reserved Forests with a view to prevent soil erosion of different types and intensities. During the year 1959-60, a sum of Rs. 0.70 lakh was provided for raising afforestation plots over an area of 350 acres ; and both the financial and physical targets were realised in full.

Extension of Casuarina Plantations :

With a view to meet the increasing demand for firewood, it was proposed to raise casuarina plantations in the coastal area of Andhra Region. For this purpose, a sum of Rs. 1.50 lakhs was provided in the Plan for 1959-60 for raising plantations over an area of 1,040 acres against which a sum of Rs. 1.59 lakhs was spent for planting an area of 997 acres.

Telangana

Contour Bunding :

In order to control soil erosion and conserve moisture and thus promote increased crop yields, soil conservation measures such as contour bunding and ploughing along the contours were proposed to be taken up during the second plan period at a cost of Rs. 27.63 lakhs. Soil conservation measures were proposed to be executed in cultivators' land by obtaining suitable agreement from the beneficiaries concerned. During the years 1956-59, an area of 4453 acres was contour-bunded at a cost of Rs. 5.53 lakhs ; and during the year under review an amount of Rs. 7.50 lakhs has been provided in the revised estimates to benefit an area of 6,900 acres under this scheme. Against this programme an area of 6,906 acres has been contour bunded and an expenditure of Rs. 3.01 lakhs has been incurred during the year under review.

Scheme for training Sub-Assistants (in Andhra Pradesh :)

This scheme aims at imparting training to the sub-assistants *i.e.*, Surveyors and fieldmen, in both Andhra and Telangana regions in the execution of Soil conservation operations in Agricultural Lands. During the

year 1959-60, an amount of Rs. 0.62 lakh has been provided for training, 52 Sub-assistants. Against this programme an expenditure of Rs. 0.32 lakh has been incurred during the year. 39 candidates have completed their training while 23 candidates were undergoing training at the end of the year.

Large Scale Demonstration Projects in Soil Conservation and Dry Farming Practices.

This is a new scheme taken up for implementation during the year 1959-60, to demonstrate on a large scale soil conservation and dry farming practices, popularise soil conservation work and train the farmers and students in soil conservation measures. Under this scheme, a provision of Rs. 0.90 lakh has been made in the plan for 1959-60 to cover an area of 1,000 acres. Against this provision an expenditure of Rs. 0.58 lakh has been incurred and an area of 400 acres was covered during the year under review.

Soil Conservation Research Centre, Sahibnagar :

Research in eroded morrum tracts is being carried out under the scheme besides providing basis for an extensive use in similar tree-less tracts. To continue the research during 1959-60 a sum of Rs. 0.40 lakh was provided out of which Rs. 0.32 lakh was spent.

Afforestation and Anti-erosion Works in Dry and Eroded lands :

Under this scheme it was proposed to prevent soil erosion by raising plantations over waste and eroded lands, either Government or private. It was proposed to raise plantations over 3,410 acres for which a sum of Rs. 1.20 lakhs was provided in the plan for 1959-60. The actual expenditure on this scheme amounted to Rs. 1.14 lakhs and plantations were raised over an area of 3,610 acres.

Acquisition of Lands for Soil Conservation Works :

Under this scheme, it was proposed to acquire barren and eroded private lands for raising afforestation plots with a view to prevent soil erosion. In 1959-60, a sum of Rs. 0.10 lakh was provided against which a sum

of Rs. 0.14 lakh was spent and an area of 460 acres was acquired.

Nurseries under Afforestation :

In order to supply seedlings and stumps to the area proposed to be afforested, one nursery unit was raised at a cost of Rs. 0.05 lakh during the year under review as programmed.

Statement VII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra.						
1.	Araku Valley Pilot Scheme..	4.44	0.79	0.93	1.22	1.91	1.08
2.	Soil Conservation Scheme for red soil areas in Anantapur district	8.34	0.42	0.14	0.96	3.00	3.10
3.	Soil Conservation Scheme in N.S.S. Block, Pendurthi ..	1.55	..	0.21	0.71	0.40	0.61
4.	Soil Conservation Scheme for Machkund Basin ..	20.13	..	0.99	2.83	5.58	5.23
5.	Training of Personnel in soil conservation	0.86	..	0.16	0.30	0.37	0.20
6.	Large Scale Demonstration Projects in soil conservation and dry farming practices	..	..	..	..	0.90	0.58
7.	Pilot Demonstration Project and dry farming in 10 acres plots (Andhra Pradesh) ..	..	..	..	..	0.33	0.08
8.	Afforestation of denuded hills outside the reserved forests	1.83	..	..	0.43	0.70	0.75
9.	Scheme for Training of Sub-Assistants	1.62	..	..	..	0.62	0.82
10.	Extension of Casuarina Plantations	5.65	0.81	1.65	1.16	1.50	1.59
	Total for Andhra ..	*53.05	*2.56	*4.58	*7.75	15.31	13.54

VII.

SUB-HEAD OF DEVELOPMENT : *Soil Conservation.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Area to be covered with soil conservation works	.. Acs.	3,900	..	836	2,238	2,000	1,825
Do.	.. do.	9,126	..	..	2,010	3,620	6,022
Do.	.. do.	1,700	..	402	1,300	90	190
Do.	.. do.	59,000	..	1,784	5,049	6,400	9,298
Persons to be trained	.. No.	48	..	10	10	14	1
Area to be tackled	.. Acs.	1,000	..	..	..	400	400
(*a*) Area to be tackled	.. ..	2,000	..	..	..	2,000	..
(*b*) Plots to be taken up	.. ..	2,000	..	..	..	200	..
(*a*) Plantations	.. Acs.	1,380	..	..	..	350	350
(*b*) Purchase of Jeeps	.. No.	..	..	..	..	..	..
Training of Assistants	.. No.	104	..	..	..	52	..
Plantations and Maintenance of old ones	.. Acs.	3,180	533	779	600	653	997

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.*

Serial No.	Name of the Scheme	Second Plan provision (as revised last	FINANCIAL TARGETS AND ACHIEVEMENTS (*Rs. in Lakhs.*) 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana.						
1.	Contour Bunding ..	16.50	1.80	1.99	1.74	6.06	3.01
2.	Soil Conservation Research Centre, Sahibnagar ..	1.70	0.19	0.36	0.36	0.40	0.32
3.	Afforestation and Anti-erosion works in dry and eroded lands	5.16	0.71	0.65	1.40	1.20	1.14
4.	Acquisition of lands for soil conservation works ..	1.24	1.00	..	..	0.10	0.14
5.	Nurseries under Afforestation	0.15	0.17	0.14	0.05	0.05	0.05
	Total of Telangana ..	*28.77	3.87	3.14	3.55	7.81	4.66
	Grand Total ..	*81.82	*6.48	*7.67	*11.30	23.12	18.20

*Besides schemes listed this includes the figures for the schemes completed earlier to 1959-60 and or schemes which are proposed to be taken up in 1960-61.

VII.

SUB-HEAD OF DEVELOPMENT: *Soil Conservation.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Contour Bunding ..	Acs.	32,150	1,445	971	..	6,900	,906
		Research Scheme.					
Afforestation, Trenching and maintenance ..	Acs.	17,750	3,000	5.345	2,500	3,420	3,610
Acquisition of land ..	Acs.	2,000	400	..	..	460	460
Nurseries	No. of Units.	3	..	..	.. ..	1	100

CHAPTER XI.

Fisheries.

The programme for the development of fisheries in the State during the year 1959-60 included 25 schemes involving an outlay of Rs. 23.00 lakhs—13 schemes costing Rs. 15.71 lakhs in respect of Andhra and 12 schemes costing Rs. 7.29 lakhs in respect of Telangana region. Subsequently, one new scheme *viz.*, "Fisheries Development" in the selected Blocks has been included with a provision of Rs. 0.06 lakh. During the year no expenditure was incurred on the schemes " Assistance to Cooperatives." A sum of Rs. 16.49 lakhs was spent on the 25 schemes implemented during the year 1959-60. In addition a sum of Rs. 1.09 lakhs was spent on the buildings programme of this department and thus, the total expenditure on this head of development amounted to Rs. 17.58 lakhs of which Rs. 13.38 lakhs was spent on schemes relating to the Andhra Region and Rs. 4.20 lakhs on the schemes relating to the Telangana Region. An account of the progress made in respect of each of the schemes implemented during the year is given below.

Andhra.

Intensive Seed Collection and Distribution :

An amount of Rs. 1.93 lakhs was provided in the Plan for 1959-60 for the collection of 60 lakhs of fingerlings of the quick growing type and stocking them in the inland waters of the State with a view to increasing the fish production. But, this provision was subsequently revised to Rs. 2.55 lakhs against which a sum of Rs. 2.21 lakhs were spent, for the collection and stocking of 250 lakhs of fingerlings till the end of March, 1960.

Salt Subsidy Scheme :

Under this scheme, it was proposed to supply salt at subsidised rates to fishermen with a view to curing 2,000 tons of fish and a sum of Rs. 0.53 lakhs was provided for this purpose in the Plan for 1959-60. This provision was subsequently revised to Rs. 0.62 lakh against

which a sum of Rs. 0.52 lakh was spent till the close of the year. As against the target of 2,000 tons only 1,283 tons of fish was cured.

Improvement of indigenous craft and tackle :

With a view to facilitating the fishermen to reach the far off fish grounds more quickly and bag bigger catches, it was proposed to distribute under this scheme, mechanised boats at subsidised rates. A sum of Rs. 4.33 lakhs was provided in the plan for 1959-60 towards the mechanisation of 21 boats for distribution to fishermen and fishermen co-operative societies and for strengthening the workshop with additional equipment to cope up with the intensified mechanisation of boats. This provision was subsequently reduced to Rs. 2.85 lakhs and against this a sum of Rs. 3.05 lakhs was spent till the end of March, 1960. During the year 40 engines were indented for but they were not received till the end of March, 1960. These are expected to be received during the month of April, 1960 and it was proposed to distribute them during the year 1960-61.

Provision of Quick Transport Facilities :

With a view to preventing the deterioration of considerable quantities of fish from spoilage, 14 vans and 2 carrier boats were purchased during the years 1957-59 and to meet the recurring expenditure on these vans a sum of Rs. 1.00 lakh was provided in the Budget for 1959-60. This provision was subsequently increased to Rs. 2.19 lakhs and a sum of Rs. 2.13 lakh was actually spent. The quantity of fish transported on these vehicles amounted to 609 tons during the year under review.

Tank Development Scheme :

This scheme aims at fish culture in public tanks on scientific lines after servey. During the first three years of the plan, 3 vans were purchased and 200 tanks were surveyed under this scheme. In the Budget for 1959-60, a sum of Rs. 1.23 lakhs was provided to develop and survey 200 more tanks. This provision was subsequently raised to Rs. 2.77 lakhs but the actual expenditure amounted to Rs. 2.93 lakhs. During the year, 18 nurseries were constructed and 572 tanks were surveyed.

Experimental Fish Farm :

This scheme envisages the establishment of one fish farm in each district. During the current year, it was proposed to establish two fish farms at a cost of Rs. 1.55 lakhs. But, they could not be constructed due to the delay in the selection of the sites and preparation of estimates only a sum of Rs. 0.02 lakh was spent on it as against the revised provision of Rs. 1.00 lakh.

Training Centre for fishermen at Kakinada :

Under this scheme it was proposed to train 40 marine fishermen in handling the mechanised boats. Accordingly, 40 candidates have undergone training and another batch of 20 candidates are undergoing training from 23-1-1960. A sum of Rs. 0.81 lakh was spent on the scheme against the revised provision of Rs. 1.16 lakhs.

Supply of Logs to Fishermen :

An amount of Rs. 0.80 lakh was provided in the Plan for 1960-61 for the purchase and distribution of 320 logs to fishermen at subsidised rates. But, only 51 logs were distributed to the fishermen as the Forest Department was not able to supply the required number of logs. A sum of Rs. 0.19 lakh only was spent on this scheme till the end of March, 1960.

Deep Water Fishing Experiments :

With a view to conducting deep water experiments with nylon Rangoon nets and teaching the fishermen the methods of deep water fishing a deep water fishing unit was established during the year 1958-59. In the Budget for 1959-60 a sum of Rs. 0.20 lakh was provided to meet the recurring expenditure on this unit against which a sum of Rs. 0.34 lakh was spent till the close of the financial year. There was an additional production of 7½ tons of fish in 1959-60 due to these experiments.

Introduction of new types of fishing nets :

Under this scheme it was programmed to purchase and distribute 200 nylon nets at subsidised rates to fishermen during 1959-60 at a cost of Rs. 1.00 lakh. This provision was subsequently reduced to Rs. 0.75 lakh and

a sum of Rs. 0.74 lakh was actually spent till the end of March, 1960. But, as the nylon was not available in the country, 8,865 lbs. of Terylene-yarn was purchased for distribution to the fishermen.

Boat Building Yards :

With a view to meet the requirements of more hulls consequent on the intensification of the programme of mechanisation of boats, a boat building yard was established during 1958-59. A sum of Rs. 1.00 lakh was provided in the Plan for 1959–60. For maintaining this yard and manufacturing 66 hulls. This provision was subsequently reduced to Rs. 0.19 lakh. However, the actual expenditure on this scheme amounted to Rs. 0.29 lakh during the year. 4 boats were constructed besides the mechanisation of three boats.

Headquarters Staff Scheme :

Under this scheme, it was proposed to appoint additional staff in the Fisheries wing of the Directorate of Animal Husbandry and Fisheries at the State Head Quarters to cope up with the increased work load consequent on the implementation of the various developmental schemes and a sum of Rs. 0.23 lakh was provided in the plan for 1959-60. This provision was subsequently revised to Rs. 0.07 lakh while the actual expenditure amounted to Rs. 0.06 lakh.

Fisheries Development in Selected Blocks :

Though this scheme was not included in the Plan for 1959-60 it was included in it during the course of the year. Under this scheme, it was proposed to take up intensive development of inland fisheries in two blocks viz., Peddapuram and Varjyalpad at an estimated cost of Rs. 0.12 lakh. However, as the scheme was taken up at the fag-end of the year, a sum of Rs. 0.03 lakh only could be spent till the end of March, 1960.

Telangana.

Distribution of Fry and Fingerlings :

A provision of Rs. 1.00 lakh was made in the Plan for 1959-60 for the collection and stocking of 1.00 lakh of fingerlings and for the purchase of 3 pick up vans for the

Districts of Khammam, Nalgonda and Adilabad. But, the van could not be purchased during the year and the provision was reduced to Rs. 0.74 lakh. Against, this, a sum of Rs. 0.52 lakh was spent. During the year, 0.35 lakh fingerlings were collected and stocked.

Transport Facilities :

With a view to providing quick transport facilities for fish from the landing places to the important marketing centres, it was proposed to purchase three vans during the year. A sum of Rs. 1.19 lakhs was provided for this purpose in the plan for 1959-60. This provision was subsequently reduced to Rs. 0.33 lakh and a sum of Rs. 0.32 lakh was spent till the end of March, 1960. Two vans were purchased during the year.

Increasing Fish Production :

Under this scheme, it was proposed to increase fish production in 12 selected tanks in each of the five zones in the districts of Nizamabad, Medak, Warangal, Karimnagar and Mahbubnagar. Special staff was appointed for adoption of scientific pisciculture and production of fish for sale to consumers. In the plan for 1959-60, a sum of Rs. 0.49 lakh was provided for the continuance of the staff and for the production of 1 lakh lbs. of additional fish. Against this provision, a sum of Rs. 0.41 lakh was spent till the end of March, 1960 and 26 tons of additional fish was produced.

Fish Development in Nalgonda District :

With a view to develop the fisheries, one seperate unit was established in Nalgonda District during 1957-58 and towards the continuance of this Unit during 1959-60 a sum of Rs. 0.52 lakh was provided. This provision was subsequently revised to Rs. 0.43 lakh and this entire provision was spent during the period under review. 7.11 lakhs lbs of fish and fingerlings were collected and stocked.

Fisheries Development in Khammam District :

A separate unit with necessary additional staff was established in Khammam District during 1957-58 for the development of fisheries in the District. During the

year 1959-60 in order to continue this Unit an amount of Rs. 0.50 lakh was provided in the Plan. A sum of Rs. 0.40 lakh was spent till the end of March, 1960 and 9.36 lakhs lbs. of additional fish was produced.

Fisheries Development in Adilabad District:

A separate unit with necessary additional staff was established in Adilabad District during 1957-58 for the development of fisheries in the District. During the year 1959-60 an amount of Rs. 0.48 lakh was provided for continuing this unit. This provision was subsequently revised to Rs. 0.40 lakh and a sum of Rs. 0.37 lakh was spent till the end of March, 1960. During the year, 4.30 lakh lbs. of additional fish was produced.

Fisheries Development in Hyderabad District:

A separate unit was set up in 1957-58 for the development of fisheries in Hyderabad District. During the year 1959-60, it was proposed to continue this scheme and a sum of Rs. 0.53 lakh was provided in the plan for 1959-60. This provision was subsequently reduced to Rs. 0.46 lakh and a sum of Rs. 0.42 lakh was spent till the end of March, 1960.

Additional Staff for Head Office:

A sum of Rs. 0.04 lakh was provided in the Budget for 1959-60 for the continuance of the staff appointed prior to 1959-60. During the year the staff was continued and a sum of Rs. 0.03 lakh was spent towards salaries etc.

Additional staff for Research :

It was proposed to continue one Research Officer and other non-gazetted officers appointed under this scheme during the previous period. A sum of Rs. 0.14 lakh was provided in the Plan for 1959-60 and a sum of Rs. 0.11 lakh was spent till the close of the financial year.

Construction and Maintenance of Fish Farms:

A sum of Rs. 1.30 lakhs was provided in the Plan for 1959-60 for the establishment of 4 fish farms where the fry collected from their natural breeding grounds will be

made to grow to the size of the fingerlings for the ultimate stocking in the selected tanks. But, the farms could not be established during 1959-60 and a sum of Rs. 0.62 lakh was spent till the end of March, 1960.

Statement VIII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra.						
1.	Intensive seed collection and distribution	9.94	0.49	2.48	1.75	1.93	2.23
2.	Salt Subsidy Scheme ..	1.97	0.16	0 34	0.35	0.53	0.46
3.	Improvement of indigenous craft and tackle ..	8.59	0.54	1.27	1.61	4.33	3.07
4.	Provision of quick transport facilities	6.28	0.14	0.80	2.14	1.00	2.17
5.	Introduction of New type of Nylon fishing nets ..	2.10	..	0.36	0.34	1.00	0.74
6.	Tank Development ..	6.39	..	0.15	1.71	1.23	2.82
7.	Fish Farms	3.95	..	..	..	1.55	0.13
8.	Supply of logs to Fishermen	1.82	..	..	0.20	0.80	0.23
9.	Deep Water Fishing Experiments	1.33	..	..	0.27	0.20	0.35
10.	Training Centre for fishermen at Kakinada ..	2.56	..	0.09	0.67	0.68	0.82
11.	Headquarters Staff Scheme .	0.18	..	..	..	0.23	0.04
12.	Fish Markets	..	..	..	..	1.23	..
13.	Boat Building Yard ..	1.27	..	..	0.12	1.00	0.29
14.	Fisheries Development in selected Blocks ..	0.70	..	..	..	..	0.03
	Total for Andhra ..	51.47*	1.33	5.44	9.28*	15.71	13.38

VIII.

SUB-HEAD OF DEVELOPMENT: *Fisheries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Collection and Distribution of Fish seed	No. in lakhs.	350	30	46	50	60	249
(*a*) Curing of Fish	Tons.	9,000	400	600	2,000	2,000	1,288
(*b*) Fish Curing Yards	No.	10	5	5	..	..	..
Mechanisation of Boats	,,	45	5	5	5	21	..
(*a*) Purchase of Vans	,,	14	..	2	2	..	..
(*b*) Carrier Boats	,,	2	..	..	..	..	..
Distribution of Nylon nets	,,	1,000	..	..	874	200	..
(*i*) Tanks to be surveyed and developed	,,	600	..	..	300	200	572
(*ii*) Nurseries	,,	..	..	..	..	..	18
Opening of Fish Farms	,,	8	..	..	..	2	..
Supply of logs	,,	1,000	..	..	17	320	51
(*a*) Deep Water Fishing Unit	,,	1	..	..	1	..	..
(*b*) Production of Fish	Tons.	60	..	..	..	10	7½
Fishermen to be trained	No. per year.	40	..	..	40	40	40
		Staff Scheme.					
Construction of Markets	No.	14	..	..	..	10	..
1. Manufacture of Halls	,,	..	..	..	..	60	..
2. Building Yards	,,	..	..	..	..	..	4
Blocks	,,	..	..	..	..	..	2

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana.						
1.	Distribution of fry fingerlings and stocking ..	1.69	..	0.01	0.08	1.00	0.55
2.	Transport Facilities ..	0.71	..	..	0.16	1.19	0.31
3.	Increased fish production in selected tanks ..	1.74	..	0.01	0.21	0.49	0.41
4.	Assistance to Co-operatives .	0.21	..	0.09	0.09	0.10	..
5.	Development of Fisheries in Nalgonda	1.54	..	0.01	0.41	0.52	0.43
6.	Development of Fisheries in Khammam	1.87	..	0.01	0.36	10.50	0.39
7.	Development of Fisheries in Hyderabad	1.46	..	0.02	0.44	0.53	0.45
8.	Development of Fisheries in Adilabad	1.32	..	0.02	0.30	0.48	0.41
9.	Additional staff for Head Office	0.11	..	0.01	0.04	0.04	0.03
10.	Additional staff for Research	0.29	..	..	0.07	0.14	0.09
11.	Fish Farms	3.56	..	.02	0.22	1.30	0.62
12.	Construction of cold storage	1.80	..	..	..	1.00	0.51
	Total for Telangana ..	18.81*	..	0.59*	3.46*	7.29	4.20
	Grand total for Andhra Pradesh .	70.28	1.33	6.03	12.74	23.00	17.58

*Besides the schemes listed above this includes the figures for schemes completed earlier to 1959-60

VIII.

SUB-HEAD OF DEVELOPMENT : *Fisheries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Distribution of fignerlings .	Lakhs.	350	..	0.023	1	1.00	0.35
(*a*) Purchase of Vans ..	No.	5	..	..	1	3	2
(*b*) Additional production of fish	Lakhs of lbs.	2.25	..	..	..	..	..
(*a*) Tanks to be developed	No.	60	..	..	..	..	..
(*b*) Additional Production .	Lakhs. of lbs.	3	..	..	..	1	0.58
Distribution of Nets ..	Value. In lakhs of Rs.	1.25	..	0.09	0.09	0.10	..
Additional Production of fish	Lakhs of lbs.	17.20	..	..	5.00	6.00	7.11
do. ..	do.	17.20	..	..	5.00	5.00	9.36
do	do.	17.20	..	..	1.75	2.00	..
Additional Production of fish.	Lakhs of lbs.	15.00	..	..	1.75	5.00	4.30
			Staff scheme				
			Staff scheme				
Continuance of fish Farms	do	8	..	..	4	4	..
Cold storage plant ..	do	1	..	..	..	1	..

and/or schemes which are proposed to be taken up during 1960-61.

CHAPTER XII

Co-operation, Ware-housing and Marketing

During the year 1959-60, the new co-operative policy adopted by the National Development Council in November, 1958 and April, 1959 gave a new turn to the programmes of Co-operative development in the State. The essential features of this new policy are: Organisation of Co-operatives on the basis of village community, their revitalisation so as to ensure their effective functioning as service co-operatives, securing universal membership and substantial increase in the provision of credit based on production plans, expansion facilities for co-operative, marketing storage, warehousing, processing farming and training, simplification of laws, Rules and procedures to remove rigidity and to ensure decentralisation and delegation of powers.

The State Plan for 1959-60, carried a provision of Rs. 139.82 lakhs Rs. 81.37 lakhs for the Andhra Region and Rs. 58.45 lakhs for the Telangana Region—for implementing 20 schemes towards the development of co-operation, warehousing, marketing and farming in the State. In pursuance of the new co-operative policy, a supplementary plan to the extent of Rs. 25.88 lakhs has been proposed to be implemented during the year. But owing to the non-acceptance by Government of some of these schemes and late appointment of staff, the original ceiling was reduced to Rs. 125.97 lakhs Rs. 78.06 lakhs in the Andhra Region and Rs. 43.42 lakhs in the Telangana Region. All the schemes in the Annual Plan were implemented and the expenditure during the year amounted to Rs. 117.88 lakhs 93.6% of the revised provision.

A brief note on the progress made under each scheme is given below :

Andhra

1. *Expansion of Rural Credit Societies:*

The programme under this scheme during 1959-60 was to organise 800 small credit societies with a view to covering 82% of the villages, revitalisation of 1,303

existing small societies and 400 new societies organised during the year. It was also proposed to issue short and medium term loans to the extent of Rs. 17.50 crores and to cover 38% of the rural families. Further, to increase the administrative efficiency, the Plan included the creation of three additional Deputy Registrar's circles, one each in Srikakulam, Nellore and Chittoor districts and the appointment of one Co-operative Sub-Registrar, one Senior Inspector and one Junior Inspector to each circle for the work relating to credit expansion. With a view to intensifying the supervision over credit societies the scheme of subsidising the cost of additional supervisors appointed by the Central Banks was continued during the year.

Against the above programme, 910 small credit societies were organised and 628 of them have been registered, covering 88.2% of the total villages by the end of 1959-60. Revitalisation of societies by providing financial assistance by means of subsidies towards the cost of managerial staff, with a view to ensuring their effective functioning as service co-operatives, is one or the important programmes to which special attention has been paid from 1959-60. Under this scheme, 1,330 small credit societies both existing and newly organised were assisted during the year. Under short and medium term loans, an amount of Rs. 14.15 crores was issued. The short fall was due to the fact that the Reserve Bank of India curtailed during the current year a portion of the special credit limit enjoyed by the Andhra State Co-operative Bank during the previous years, and also due to the inability of the banks to raise the necessary funds by way of deposits from the public, especially owing to the competition of other agencies in the market offering higher rates of interest and more attractive terms of investment. To cope up with the increased work and to ensure more effective supervision, the cost of 40 additional supervisors appointed by the central banks during the year under review was subsidised by the Government besides the cost of the additional supervisors appointed in the previous years. Towards strengthening the administrative machinery, two new Deputy Registrars' circles were created in the districts of Srikakulam and Nellore and the trifurcation of Chittoor district was however, deferred by the Government. The scheme for separation of Audit from administration was given effect

to during the year under review by creating 5 Regional Audit offices incharge of one Deputy Registrar each and 11 districts audit offices in charge of one co-operative Sub-Registrar each.

In all an amount of Rs. 13.27 lakhs was spent on this scheme.

2. *Long term loans through Land Mortgage Banks:*

The object of this scheme is to arrange for the provision of long term loans to the tune of Rs. 1.30 crores during 1959-60 to the agriculturists through the land mortgage banks for effecting permanent improvements to lands. In the plan for 1959-60, an amount of Rs. 1.24 lakhs was provided towards the cost of special staff sanctioned during the previous years besides appointment of 10 additional supervisors for the new primary land mortgage banks programmed for organisation and information of a third Deputy Registrar's circle for land mortgage banks with the requisite staff to cope up with the increased transactions of land mortgage banks.

Against the above target, long term loans to the extent of Rs. 1.11 crores were issued during the year as compared to Rs. 80.49 lakhs issued during the previous year. 10 more primary land mortgage banks were permitted to appoint additional supervisors under the subsidy scheme besides continuance of subsidy to the banks, which appointed additional supervisors in the previous years. As regards the proposal for formation of 3rd Deputy Registrar's circle for land mortgage banks, Government deferred the proposal for consideration during 1960-61 and it is proposed to implement the programme during 1960-61.

An amount of Rs. 0.73 lakh was spent on this scheme during the year.

3. *Development of Co-operative Marketing*:

The programme during the year 1959-60 was to construct 20 godowns by the marketing societies, 30 godowns by large sized societies and 15 rural godowns and the installation of 14 processing plants (cotton gins, groundnut decorticators, Rice mills, sugarcane crushers etc.) and State participation towards share capital of marketing societies. It was also proposed under this scheme to provide free services of managerial staff to

deserving societies and to appoint co-operative sub-registrars in the circles where there are no co operative sub-registrars exclusively for the supervision of marketing societies and consumer stores. The programme also includes the deputation of departmental officers for training in marketing.

Against the above programme, financial assistance by way of loans and grants was sanctioned during the year for construction of 27 main godowns by marketing societies 80 godowns by large sized societies and 23 rural godowns. Seventeen select marketing societies were sanctioned loans for the establishment of 22 processing units (6 groundnut decorticators, 9 rice mills, 5 oil presses, one jute baling plant and one sugarcane crusher) at a total cost of Rs. 12.66 lakhs. During the year under review, State contribution to the extent of Rs. 13.80 lakhs was disbursed to 83 select marketing societies towards share capital. Besides the above loans and grants, free services of senior Inspectors were granted to 15 more marketing societies and 7 supervisors were deputed to the societies to work as their managers, in addition to the continuance of the staff appointed in the previous years. During the year selected officers of this Department underwent training in co-operative marketing. The proposal regarding appointment of Co-operative Sub-Registrars for marketing has been deferred by Government.

In all an amount of Rs. 44.52 lakhs was spent during the year.

4. *Training of Subordinate Personnel* :

During 1959-60 it was proposed to train 553 subordinate personnel and 358 non-official candidates for which a sum of Rs. 10.75 lakhs was provided in the Budget Estimates for the year. To meet the increased demand for more and more of trained non-official personnel, it was also programmed to establish a new institute at Vijayawada.

Against the above programme, 602 subordinate personnel who were admitted for training in 1958-59 completed their training, while a further batch of 209 subordinate personnel were admitted into the training institute. In the central Co-operative training institute, typewriting was introduced as one of the subjects for

training and necessary machinery etc., was also provided during the year under review. The proposal regarding establishment of a training institute at Vijayawada for training 160 non-official candidates was pending sanction by the Government at the end of the year. This has since been sanctioned. In the two regional institutes at Rajahmundry and Anantapur, 320 non-official candidates were trained during the year. An expenditure of Rs. 7.30 lakhs was incurred during 1959-60 on account of the above scheme.

5. *Education of members, etc.* :

This scheme was first initiated during 1957-58 in the 3 districts of East Godavari, Cuddapah and Kurnool on the pattern of the scheme sponsored by the Government of India through the All India Co-operative union. During 1958-59, due to late sanction of the scheme it could not be extended to the remaining districts. The programme for 1959-60 aims at extending this scheme to the entire region by starting one unit in each district. As programmed the scheme was extended to all the districts in Andhra Region during the year 1959-60. Against the target of 440 office bearers, 3,300 panchayatdars and 11,000 members and prospective members, 447 office bearers, 1,932 panchayatdars and 12,120 members and prospective members were trained in the eleven peripatetic units started for the purpose.

An amount of Rs. 0.40 lakh was spent during the year on the above scheme.

6. *Marketing of coconuts* :

With the object of benefiting the coconut growers of the East Godavari district, three marketing societies, one each in the taluks of Razole, Amalapuram and Kothapet were organised in the year 1958-59. During the year 1959-60, against the amount of Rs. 0.19 lakh provided in the budget estimates, an amount of Rs. 0.10 lakh was spent on account of the continuance of the staff appointed to run the business in the three marketing societies.

7. *Research Survey and Statistics* :

This is a continuing scheme started with the object of undertaking a special study of the benefits derived by the public and analyse the experience gained in

connection with the implementation of the several schemes of the Department, to formulate policies and to devise remedial measures to obviate bottlenecks, if any. The programme for 1959-60 includes, besides continuance of the staff already employed, appointment of senior inspectors for the new circles formed and sanction of additional staff to Head Office.

Government while according sanction for the continuance of the staff already appointed, negatived the proposal for appointment of additional staff at Head Office. Sanction was however, accorded for the appointment of senior inspectors to the newly formed circles of Vijayawada (East) and Narsaraopeta.

An amount of Rs. 0.77 lakh was spent on the scheme.

8. *Labour contract and forest coupe societies* :

The scheme envisages sanction of loans and subsidies to the labour contract and forest coupe societies whether organised a new or revived for ensuring employment to the labour classes and agricultural workers in off-season. It was also programmed to employ a technical officer of the rank of an Assistant Engineer to guide the labour contract societies in executing the works undertaken by them.

Against the above programme, an amount of Rs. 0.35 lakh was spent during the year under review by providing financial assistance to 8 Forest coupe societies and 10 labour contract societies. The proposal regarding appointment of one Assistant Engineer has been deferred in 1959-60.

9. *Co-operative Farming* :

During 1959-60, it was proposed to organise 6 Co-operative farming societies and to provide necessary financial assistance to them. It was also programmed to appoint a senior officer of the grade of Joint Registrar with necessary subordinate staff at the Head Office for work connected with the organisation and supervision of Co-operative Farming societies.

Against the above programme, two joint farming societies—one at Gangidipalem in Guntur district and the other at Kandukur in Anantapur district and two land colonisation societies—one at Seegipalli in Anantapur district and the other at Eguvacharlapalli in Kurnool

district were registered during the year. In the above four societies, 114 colonists were enrolled as members and an extent of 529 acres of land was brought under cultivation. The poor achievement is due to late sanction of the schemes. An amount of Rs. 0.52 lakh was spent during the year under review.

Telangana

1. *Expansion of rural credit societies:*

The programme under this scheme during 1959-60 was to organise 1,200 small credit societies with a view to covering 75% of the villages, revitalisation of 697 existing small societies and 600 new societies organised during the year. It was also proposed to issue short and medium term loans to the extent of Rs. 5.00 crores and to cover 17.7% of the rural families. Further, to increase the administrative efficiency, it is proposed to reorganise the district offices in all the districts (excluding Hyderabad city circle) into two Deputy Registrars circles each and to sanction 3 Co-operative Sub-Registrars with 3 peons in each of the circles for assisting the Deputy Registrars on the pattern of the staff in the Andhra Region. Additional staff of one Senior Inspector and one Junior Inspector to each circle is also proposed for the work relating to credit expansion, to intensify the supervision over credit societies. The scheme of subsidising the cost of additional supervisors appointed by the central banks was continued during the year, besides continuing the additional staff sanctioned to the central banks in Telangana Region.

Against the above programme, 1,304 small credit societies were organised and 783 of them have been registered, covering 73.53% of the total villages by the end 1959-60. Revitalisation of societies by providing financial assistance by means of subsidies towards the cost of managerial staff, with a view to ensure their effective functioning as service co-operatives, is one of the important programmes to which special attention has been paid from 1959-60. Under this scheme, 483 small credit societies both existing and newly organised were assisted during the year. Under short and medium term loans, an amount of Rs. 3.65 crores was issued. The shortfall was due to the fact that the Reserve Bank of India did not sanction the full amount of credit limit applied for by

the Hyderabad Apex Bank and also due to the inability of the Central banks to raise funds otherwise than by way of borrowing from Reserve Bank of India. To cope up with the increased work and to ensure more effective supervision, the cost of 60 additional supervisors appointed by the central banks during the year under review was subsidised by the Government besides the cost of the additional supervisors appointed in the previous years. Towards strengthening the administrative machinery six new Deputy Registrars' circles were created in the districts of Mahbubnagar, Nalgonda, Karimnagar, Nizamabad, Adilabad and Medak besides sanctioning additional staff to the circles at Hyderabad, Khammam and Warangal to cope up with the increased work. The bifurcation of Warangal district was deferred by the Government with instructions to renew the same during 1960-61. The scheme for separation of Audit from administration was given effect to during the year under review by creating 3 Regional Audit Offices in charge of one Deputy Registrar each and 9 district audit offices in charge of one Co-operative Sub-Registrar each.

In all an amount of Rs. 6.53 lakhs was spent on this scheme.

2. *Development of Land Mortgage Banks* :

The object of this scheme is to arrange for the provision of long term loans to the tune of Rs. 0.40 crore during 1959-60 to the agriculturists through the land mortgage banks for effecting permanent improvement to land. In the plan for 1959-60 an amount of Rs. 1.77 lakhs was provided towards the cost of special staff sanctioned during the previous years besides appointment of 11 additional supervisors for the new primary land mortgage banks programmed for organisation.

Against the above target, long term loans to the extent of Rs. 0.28 crores were issued. The short fall of Rs. 12 lakhs is due to the fact that the temporary accommodation in excess of the Budget provision required by the Hyderabad Co-operative Central Land Mortgage Bank was not sanctioned by the Government. During the year, five more primary land mortgage banks were organised and permitted to appoint additional supervisors under the subsidy scheme besides subsidising the banks, which appointed additional supervisors in the

previous year. Further against the 3 co-operative sub-registrars and 3 peons sanctioned by Government for the new societies organised during the year, two Co-operative Sub-Registrars and 2 peons were appointed during the year in proportion to the Primary land mortgage societies organised during the year.

An amount of Rs. 1.13 lakhs was spent during the year under the above schemes.

3. *Development of Co-operative Marketing* :

The programme during the year 1959-60 was to construct 10 godowns by the marketing societies, 20 godowns by large sized societies and 10 rural godowns and the installation of 6 processing plants (cotton gins, groundnut decorticators, Rice mills, sugarcane crushers etc.) and State participation to share capital of marketing societies. It was also proposed under this scheme to provide free services of managerial staff to the deserving societies and to appoint co operative sub-registrars to the circles where there are no co-operative sub-registrars exclusively for the supervision of marketing societies and consumer stores. The programme also includes the deputation of departmental officers for training in marketing.

Against the above programme, financial assistance by way of loans and grants was sanctioned during the year for construction of 24 main godowns by marketing societies 17 godowns by large sized societies and 14 rural godowns. Ten select marketing societies were sanctioned loans for the establishment of 17 processing units (6 groundnut decorticators, 16 Rice mills, 4 Oil pressers, and one Turmaric plant) at a total cost of Rs. 9.41 lakhs. During the year under review, State contribution to the extent of Rs. 7.89 lakhs was disbursed to 41 select marketing societies towards share capital. Besides the above loans and grants, free services of senior inspectors and supervisors were sanctioned to the societies to work as their managers, in addition to the continuance of the staff appointed in the previous years. The proposal regarding appointment of co operative Sub-Registrars for marketing has been deferred by Government.

In all an amount of Rs. 28.10 lakhs was spent during the year.

4. *Training of Subordinate Personnel*:

During 1959-60 it was proposed to train 77 subordinate personnel and 76 non-official candidates for which a sum of Rs. 6.89 lakhs was provided in the Budget estimates for the year. To meet the increased demand for more and more of trained non-official personnel from both Andhra and Telangana regions it was also programmed to establish a new institute at Vijayawada.

Against the above programme, 66 subordinate personnel who were admitted for training in 1958-59 has completed their training, while a further batch of 87 subordinate personnel were admitted into the training institute. Typewriting has been included as one of the subjects for training in the Central co-operative institute, Hyderabad which provides training for Telangana personnel as well. The training institute proposed for being established at Vijayawada, the sanction of which has since been received in 1960-61 is also intended to provide training facilities to the institutional candidates in Telangana also. In the Co-operative Training College, Hyderabad, 70 non-official candidates were trained during the year. An expenditure of Rs. 3.53 lakhs was incurred during 1959-60 on account of the above scheme.

5. *Education of members, etc.*:

This scheme was first initiated during 1957-58 in the 3 districts of East Godavari, Cuddapah and Kurnool on the pattern of the scheme sponsored by the Government of India through the All India Co-operative union. During 1958-59, owing to late sanction of the scheme it could not be extended to the remaining districts.

The programme for 1959-60 aims at extending this scheme to the entire region by starting one unit in each district. As programmed, the scheme was extended to all the districts in Telangana region during the year 1959-60. Against the target of 360 office bearers, 2,700 panchayatdars and 9,000 members and prospective members, 368 office bearers, 1,504 panchayatdars and 6,626 members and prospective members were trained in the nine peripatetic units started for the purpose.

An amount of Rs. 0.17 lakh was spent during the year on the above scheme.

6. *Federation of Labour Co-operatives Ltd* :

An amount of Rs. 1.00 lakh was spent during the year under review by providing financial assistance to the Federation of Labour Co-operatives Ltd., Hyderabad to provide raw materials, necessary funds and other facilities to the affiliated societies for carrying on their work as per the contracts entrusted to them by the Federation.

7. *Co-operative Farming* :

During 1959-60 it was proposed to organise 6 co-operative farming societies and to provide necessary financial assistance to them.

Against the above programme, two farming societies were organised during the year at the fag end of the years, besides providing financial assistance to the Dudekulapalli collective farming society in Warangal district. In the above societies, 200 colonies were enrolled as members and 549 acres of land was brought under cultivation. The poor achievement is due to late sanction of the schemes. An amount of Rs. 0.40 lakh was spent during the year under review.

8. *State Warehousing Corporation (Andhra)* :

The Government of India have established a Central Warehousing Corporation with a view to linking up the credit and non-credit societies of the country. As a complementary to this State have established a Warehousing Corporation during 1958-59 and a sum of Rs. 2.50 lakhs was contributed by the State towards the share capital to the Corporation. According to this scheme, Warehousing receipts will be treated as negotiable instruments on the security of which Banking institutions can provide credit. During the year, under review, an amount of Rs. 3.00 lakhs was provided in the revised estimates against which a sum of Rs. 2.50 lakhs was actually spent towards contribution of share capital by the State.

9. *Construction of market yards and Godowns (Andhra)* :

Under this scheme, it is proposed to expand financial assistance to the Tobacco Market Committees for the

construction of godowns and market yards during the second plan period. A sum of Rs. 4.00 lakhs was provided in the annual plan for issuing loans for the construction of 4 godowns and the entire amount has been disbursed.

10. *State Warehousing Scheme [Telangana)* :

The State Warehousing Corporation was established during 1958-59 and during the same year, a warehouse has been set up at Jedcherla. During the year 1959-60, an amount of Rs. 3.00 lakhs was provided in the annual plan towards further contribution of share capital to the State Warehousing Corporation against which an expenditure of Rs. 2.50 lakhs has been actually incurred.

11. *Improvement of Gur and Khandasari Manufacture, marketing and storage of Gur* :

With a view to finding methods for producing good quality of gur and devising proper methods of storing to enable the producer to get better price in the market, the scheme was implemented at the Sugarcane Research Station, Rudrur during 1958-59 and one Gur Assistant, one Fieldman, and one laboratory attender were appointed for this purpose. For the continuance of the scheme an amount of Rs. 0.18 lakh was provided and against this an expenditure of Rs. 0.06 lakh was actually incurred during the year under review.

Statement IX shows the financial and physical targets and achievements.

[*Statement,*

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra.						
1.	Expansion of Rural Credit Societies	47.79	0.32	2.81	5.72	12.18	13.27
2.	Long-term loans through land mortgage Banks. ..	2.61	0.08	0.18	0.44	1.24	0.73
3.	Research and Survey and Statistics. ..	3.48	..	0.17	0.53	1.70	0.77
4.	Formation of Labour contract and Forest Coupe Societies.	1.34	..	0.07	0.34	0.47	0.35
5.	Development of Co-operative Marketing ..	121.51	0.58	12.71	26.83	42,78	44.52

IX.

SUB-HEAD OF DEVELOPMENT: *Co-operation, Warehousing and Marketing.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements on			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. Large sized societies to be formed ..	No.	500	100	81	164	..	..
b. Small Societies:							
i. Organisation of new societies. ..	„	1,650	292	208	492	350	1,380
ii. Revitalisation ..	„	1,820	..	..	..	500	
c. Villages to be covered	%	90	66.7	71.4	80.5	82	88.2
d. Rural Population to be served. ..	%	45	20	26	309	338	36.1
e. Issue of short-term loans	Rs. in lakhs	1,226	558	665	872	1,020	1,415.0
f. Issue of medium-term loans ..	„	100	85	118	55	100	
Issue of long-term loans ..	„	155	71	75	71	131	111.0
Staff Scheme.							
a. Forest Coupe Societies to be formed and developed. ..	No.	15	..	1	4	5	8
b. Labour Contract societies, to be formed and developed.	„	15	..	1	4	5	10
a. Issue of Short-term loans.	Rs. in lakhs.	400	291	352	321	350	N.F.
b. Construction of Godowns by:							
i. Marketing Societies	No.	61	2	16	28	20	27
ii. Large-sized Societies	„	151	33	29	51	80	80
c. Processing Plants to be developed. ..	„	49	1	6	8	14	6
d. Formation of District Marketing Societies.	„	11	8	2	1	..	..
e. Formation of State Marketing Societies	„	1	..	1	..	..	..
f. Rural Godowns ..	„	N.A.	N.A.	N.A.	N.A.	..	28
g. Groundnut Decorticators ..	„	..	..	..	..	..	6
h. Rice Mills. ..	„	..	..	..	..	..	9
i. Oil Presses. ..	„	..	..	..	..	..	5
j. Jute baling plants.	„	..	..	..	..	..	1
k. Sugarcane crushers ..	„	..	..	..	..	..	1

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provisions as revised last	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
6.	Co-operative Marketing of Coconuts	1.16	..	..	0.78	0.19	0.10
7.	Tobacco Marketing ..	5.11	..	..	0.12	0.12	..
8.	Training of Subordinate Personnel	17.86	2.23	1.57	1.31	10.57	7.30
9.	Education of members and Office bearers	2.58	..	..	0.16	1.60	0.40
10.	Co-operative Farming ..	5.39	..	0.25	1.16	1.34	0.52
11.	State Warehousing Corporation	5.50	..	..	..	5.00	2.50
12.	Construction of Market Yards and Godowns ..	14.00	..	3.00	2.00	4.00	4.00
	Total for Andhra ..	245.20*	18.05*	26.59*	89.89*	81.87	74.46

IX.

SUB-HEAD OF DEVELOPMENT : *Co-operation, Warehousing and Marketing.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. Coconut Marketing Societies to be formed.	No.	3	..	..	3	Contd.	..
b. Construction of Godowns	,,	8	..	..	8	..	8
a. Redrying Plants to be installed. ..	No.	2	..	..	..	..	..
b. Subsidy to Tobacco Marketing Society, Guntur.	Rs. in lakhs	N. A.	..	..	0.12	0.12	..
a. Subordinate Officers to be trained. ..	No.	750	199	31	..	553	602 Completed. 209 recruited.
b. Non-Officials to be trained. ..	,,	750	275	300	305	358	209
Candidates to be trained :							
a. Office bearers ..	No.		..	..	..	440	447
b. Panchayat Class ..	,,		..	7,571	8,626	3,300	1,932
c. Members ..	,,	36,000	..	..	..	11,000	12,120
d. Others. ..	,,		..	..	..	..	5,552
a. Societies to be formed	,,	15	..	1	5	6	4
b. Colonists to be settled on land ..	,,	N.A.	..	60	1,286	792	114
c. Land to be brought under cultivation .	,,	N. A.	..	300	2,950	1,961	529
Share capital contribution	Rs. in lakhs.	10.00	..	..	..	5.00	2.50
Godowns and Market yards to be constructed.	No.	12	..	2	2	4	4

STATEMENT

HEAD OF DEVELOPEMTNT : *Agricultural Programmes.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana						
1.	Expansion of Rural Credit Societies	35.93	..	0.04	2.20	16.46	6.53
2.	Development of Primary Land Mortgage Banks ..	3.53	..	0.10	0.48	1.17	1.13
3.	Development of Co-operative Marketing ..	62.52	0.80	1.68	10.37	25.93	28.10
4.	Training of Subordinate Personnel	12.91	..	0.41	1.41	6.89	3.53

IX.

SUB-HEAD OF DEVELOPMENT : *Co-operation, Warehousing and Marketing.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Large-sized Societies to be formed	No.	191	22	30	64	..	..
(*b*) Small Societies :							
(*i*) New Societies to be formed	No.	850	113	407	656	650	788
(*ii*) Revitalisation	,,	2,000	..	..	..	500	488
(*c*) Issue of short-term loans	Rs. in lakhs.	215	46	94	120	300	365.0
(*d*) Issue of Medium-term loans	,,	40	6	5	..	30	
(*a*) Primary Land Mortgage Banks to be formed	No.	23	..	4	10	30	5
(*b*) Issue of Long-term loans	Rs. in lakhs.	75	7	8	10.0	40	28
(*a*) Marketing Societies to be formed	No.	50	3	7	29	10	15
(*b*) Issue of short-term loans against produce	Rs. in lakhs	200	..	..	..	100	N.F.
(*c*) Construction of Godowns by :							
(*i*) Marketing Societies.	No.	25	..	1	8	10	24
(*ii*) Large-sized Societies.	,,	40	..	5	18	20	17
(*d*) Installation of processing plants	,,	N.A.	..	..	..	6	6
(*e*) District Marketing Societies	,,	..	..	..	..	..	2
(*f*) Rural Godowns	,,	..	..	..	..	..	14
(*g*) Rice Mills	,,	..	..	..	..	..	6
(*h*) Oil Presses	,,	..	..	..	..	..	4
(*i*) Turmeric Plant	,,	..	..	..	..	..	1
(*a*) Departmental Officers to be trained	No.	450	..	50	113	77	66 Completed 87 Recruited
(*b*) Non-official personnel to be trained	,,	280	..	82	18	76	70

STATEMENT

HEAD OF DEVELOPMENT: *Agricultural Programmes.* *(Rs. in lakhs)*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5.	Education of Members & Office bearers ..	1.84	..	..	0.11	1.34	0.17
6	Federate of Labour Co-operatives Ltd.	..	..	..	..	..	1.00
7.	Co-operative Farming ..	3.92	..	..	0.82	0.88	0.40
8.	State Warehousing Corporation	5.50	..	..	5.00	5.00	2.50
9.	Improvement of Gur and Khandasari ..	0.25	..	..	0.04	0.18	0.06
	Total for Telangana ..	134.72*	3.80*	2.18	20.43	58.45	43.42
	Total for Andhra Pradesh ..	379.92*	16.85*	28.77*	59.82	139.82	117.88

*Besides the schemes listed, this include the figures for schemes completed earlier to 1959-60 and

IX.

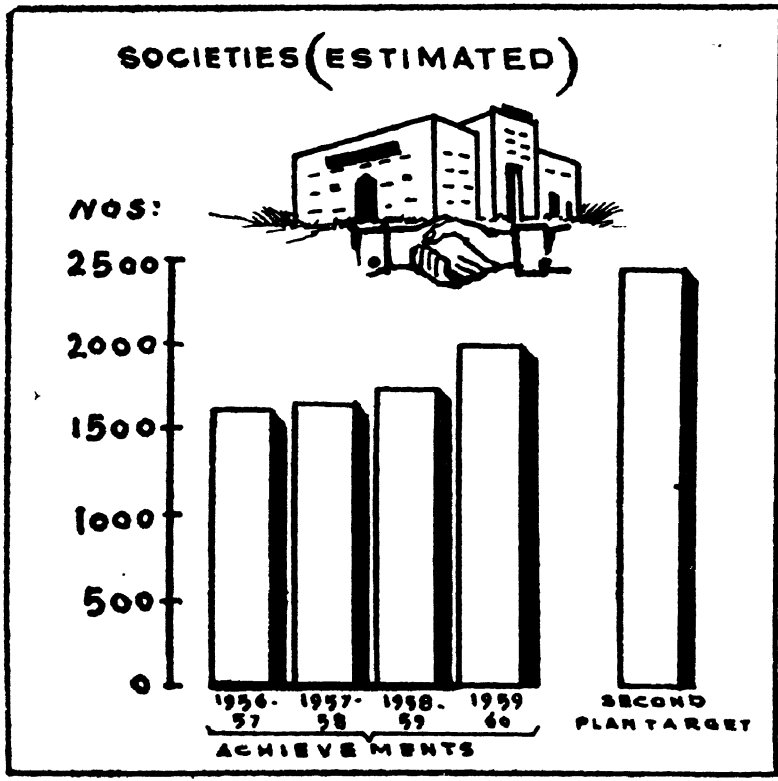
SUB-HEAD OF DEVELOPMENT : *Co-operation, Warehousing and Marketing.*

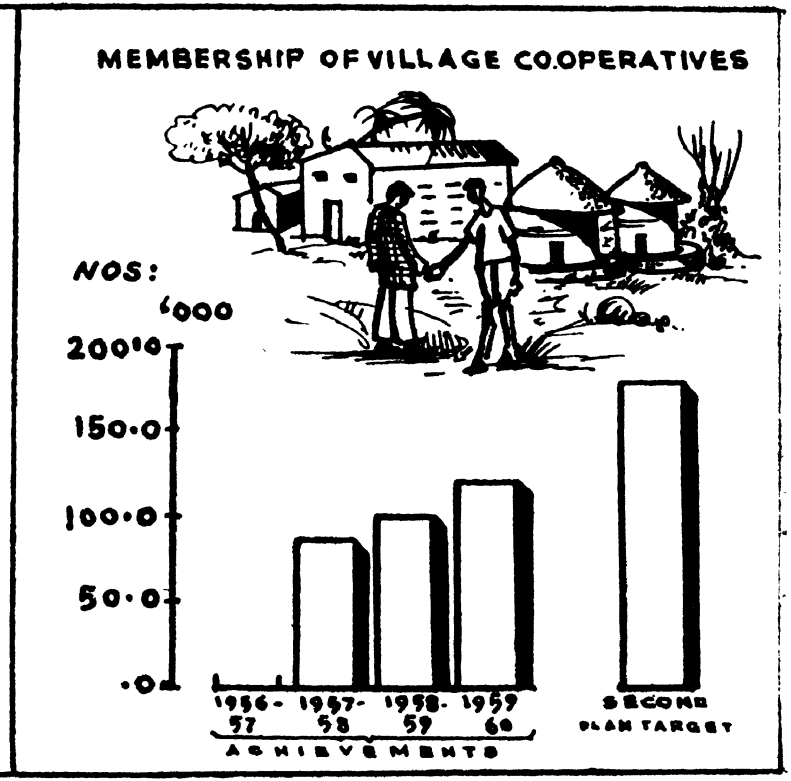
Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Office bearers to be trained ..	No.	..	..	..	..	360	368
(*b*) Panchayatdars to be trained ..	No.	30,000	..	..	1,031	2,700	1,504
(*c*) Members ..	,,	..	..	..	..	9,000	6,626
(*d*) Others	,,	..	..	..	..	..	3,308
(*a*) Societies to be formed.	,,	38	..	..	7	6	2
(*b*) Colonists to be settled	,,	N.A.	..	..	309	229	200
(*c*) Land to be brought under cultivation ..	Acs.	N.A.	..	..	1,498	1,415	549
Share capital contribution.	Rs. in lakhs.	15.00	..	..	2.50	5.00	2.50

No targets.

schemes which are proposed to be taken up in 1960-61.

CO-OPERATION





CHAPTER XIII

Miscellaneous

Only one scheme *viz.*, consolidation of holdings was taken up for implementation during the year 1959-60 under Miscellaneous Development schemes in the Agricultural Programmes. A sum of Rs. 4.36 lakhs was provided in the plan for 1959-60. The provision was reduced to Rs. 2.10 lakhs in the revised estimates as the scheme relating to Andhra Region was not sanctioned. A brief review of the progress of the scheme in Andhra and Telangana Regions is given below :—

Andhra

Consolidation of Holdings :

During the year under review, a sum of Rs. 3.00 lakhs was provided in the Budget estimates for extending the consolidation operations to the three districts of Chittoor, Srikakulam and Visakhapatnam. But as the legislation authorising the extension of the consolidation work was not passed by the legislature, the scheme relating to the Andhra region could not be implemented during the year.

Telangana

Consolidation of Holdings :

The work of consolidation of Holdings was taken up by the erstwhile Hyderabad Government in the year 1955-56 to start with in 50 villages *i.e.*, in 25 villages of Kamareddy taluk of Nizamabad district and 25 villages of Siddipet taluk of Medak district on an experimental basis.

This scheme was included as a Plan Scheme in 1957-58 and the scope of the scheme was enlarged to extend the consolidation operations. At the close of the year under review, the consolidation operations were in progress in 82 villages of Kamareddy taluk and 77 villages of Siddipet taluk. Significant progress was made by effecting exchange of possession of consolidated holdings in respect

of 6 villages and this exchange of possession was in progress in respect of 6 more villages by the close of the year.

It was proposed to cover an area of 2.25 lakh acres during the year 1959-60 under the Consolidation of holdings programme but, only 82,200 acres were actually covered. The expenditure on this scheme amounted to Rs. 2.05 lakhs during the year.

Statement X shows the financial and physical targets and achievements.

[*Statement.*

STATEMENT

HEAD OF DEVELOPMENT : *Agricultural Programmes.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Consolidation of Holings ..	1.82	..	..	..	3.00	..
	Telangana						
1.	Consolidation of Holdings ..	5.32	1.18	1.76	1.91	1.36	2.05
Grand Total: (Andhra Pradesh)		34.41*	1.18	1.76	1.91	4.36	2.05

*Besides the schemes listed, this include the figures for schemes completed earlier to 1959-60 and

X.

SUB-HEAD OF DEVELOPMENT.—*Miscellaneous*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements on			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Consolidation of Holdings.	Lakh Acres.	5.0	..	0.18	..	1.25	..

mes which are proposed to be taken up in 1960-61.

CHAPTER XIV

Panchayats

(Andhra Pradesh)

In view of the increased responsibilities of Panchayats after the advent of the various developmental programmes it was proposed to reorganise the administrative set up of the supervisory and field staff connected with the Panchayat administration so as to ensure greater participation of Panchayats in the developmental programmes as well as to improve the Panchayat administration. Accordingly during 1958-59, 52 Divisional Panchayat Officers—26 in Andhra and 26 in Telangana— were appointed besides the appointment of 22 Panchayat Inspectors in the Telangana Region. The Offices of District Panchayat Officers were strengthened by the appointment of additional staff comprising of 80 U.D.Cs. 245 L.D.Cs. In addition and 5 Jeeps to the District Panchayat Officers in Andhra and 2 Jeeps to the Inspecting Officers in the Telangana Region were provided.

In the Plan for 1959-60, a sum of Rs. 10.90 lakhs was provided for the continuance of this staff and for training 410 Deputy Panchayat Officers, Divisional Panchayat Officers and Extension Officers for Panchayat in administrative matters in the two Extension Training Centres at Samalkot and Rajendranagar. As programmed, the staff was continued during the year but only 235 officers were trained and on the whole, a sum of Rs. 8.64 lakhs— Rs. 4.48 lakhs in the Andhra Region and Rs. 4.16 lakhs in the Telangana Region was spent.

Statement XI shows the financial and physical targets and achievements during 1959-60.

STATEMENT

HEAD OF DEVELOPMENT. : *Agricultural Programmes.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan Provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra							
1.	Staff Schemes ..	12.42	..	..	2.07	5.45	4.48
2.	Training Programme ..						
3.	Loans to Panchayats ..						
Telangana							
1.	Staff Schemes ..	12.21	..	..	1.87	5.45	4.16
2.	Training Programmes ..						
3.	Loans to Panchayats ..						
	Grand Total ..	24.63	..	..	3.94	10.90	8.64

XI.

SUB-HEAD OF DEVELOPMENT. : *Panchayats*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS						
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60	
			1956-57	1957-58	1958-59			
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Candidates to be trained	No.	282	..	..	..	282		235
Candidates to be trained	No.	128	..	..	..	128		

CHAPTER XV.

Community Development.

In the plan for 1959-60, a sum of Rs. 360.00 lakhs—Rs. 240.85 lakns for Andhra and Rs. 119.15 lakns for Telangana was provided for implementing tne Community Development Programme. It was proposed to convert the 26 pre-extension blocks started during 1958-59 into Stage I blocks and to start 36 more pre-extension blocks -- 20 in Andhra and 16 in the Telangana. As programmed the 26 pre-extension blocks started during 1958-59 were converted into Stage I blocks and the targetted of 36 pre-extension blocks were opened. By the end of 1959-60, there were in all 282 blocks—36 pre-extension 156 Stage I blocks, 22 Community Development Blocks, 4 Multipurpose Projects and 64 Stage II blocks. These blocks covered 17,739 villages spread over an area of 59,396.90 square miles with a rural population of 188 lakhs.

During the year under review the implementation of the Community Development Programme was transferred to the statutory democratic bodies, *viz.*, Panchayat Samithis at block level and Zilla Parishads at district level. As a result of this the Community Development Programme in the State has received a new impetus due to increased Co-operation from the Public. During the year a sum of Rs. 76.86 lakhs was realised as the people's contribution in cash, kind and labour and the Government expenditure amounted to Rs. 322.49 lakhs Of this a sum of Rs. 222.66 lakhs was spent in the Andhra Region and the remaining amount of Rs. 99.83 lakhs was spent in the Telangana Region. A statement showing the targets and achievements in respect of major developmental activities is given below.

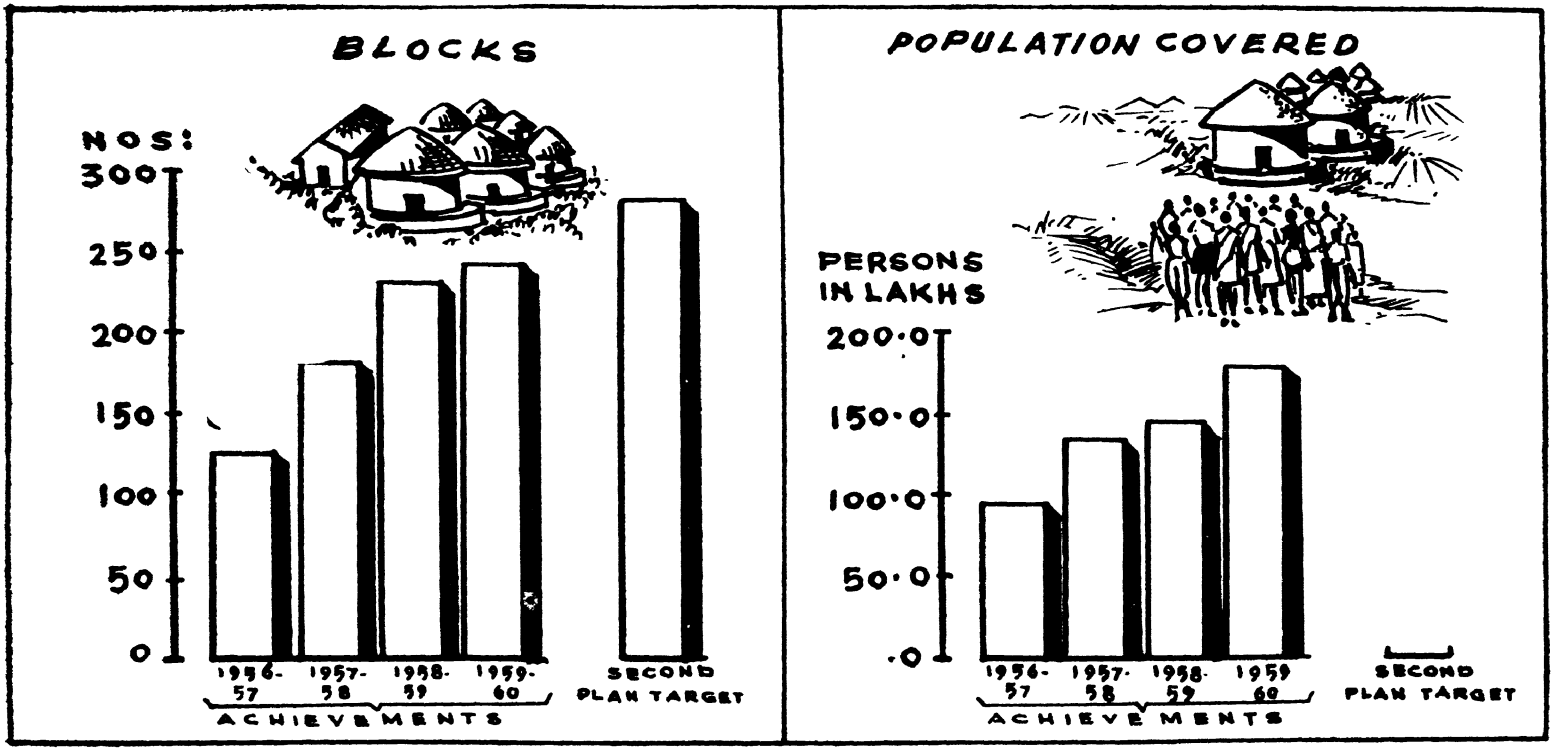
STATEMENT XII

Statement showing the Physical Targets Fixed and Achievements Made in the state of Andhra Pradesh During 1959-60.

S. No.	Activities	Unit	Target for 1959-60	Achievements during 1959-60
1	2	3	4	5
	Agriculture and Animal Husbandry.			
1.	Improved Seeds distributed. ..	.. Mds.	7,55,632	10,01,691
2.	Fertilisers distributed. ..	.. Mds.	28,57,011	33,34,812
3.	Improved implements distributed	.. No.	10,808	56,095
4.	Area under Japanese Method of Paddy Cultivation.	Acres	7,19,063	9,87,918
5.	Pedigree animals supplied. ..	.. No.	3,047	3,928
6.	Pedigree birds supplied. ..	.. No.	45,677	46,543
7.	Animals castrated.	.. No.	1,31,055	1,85,076
	Irrigation.			
8.	Additional area likely to be irrigated by minor irrigation Schemes.	Acres	86,875	N.F.
	Reclamation.			
9.	Area reclaimed.	.. Acres	2,38,384	1,95,467
	Health and Rural Sanitations.			
10.	Drinking water wells constructed.	.. No.	2,509	3,884
	Communications			
11.	Kacha roads constructed ..	.. Fgs.	12,201	15,618
12.	Kacha roads improved. ..	.. Fgs.	6,241	15586
	Co-operations.			
13.	Co-operative Societies started.	.. No.	1,308	1,494
14.	Membership in Co-operative Societies.	.. No.	2,08,983	1,26,125
15.	Peoples contribution. ..	.. (Rs.,000)		7,686

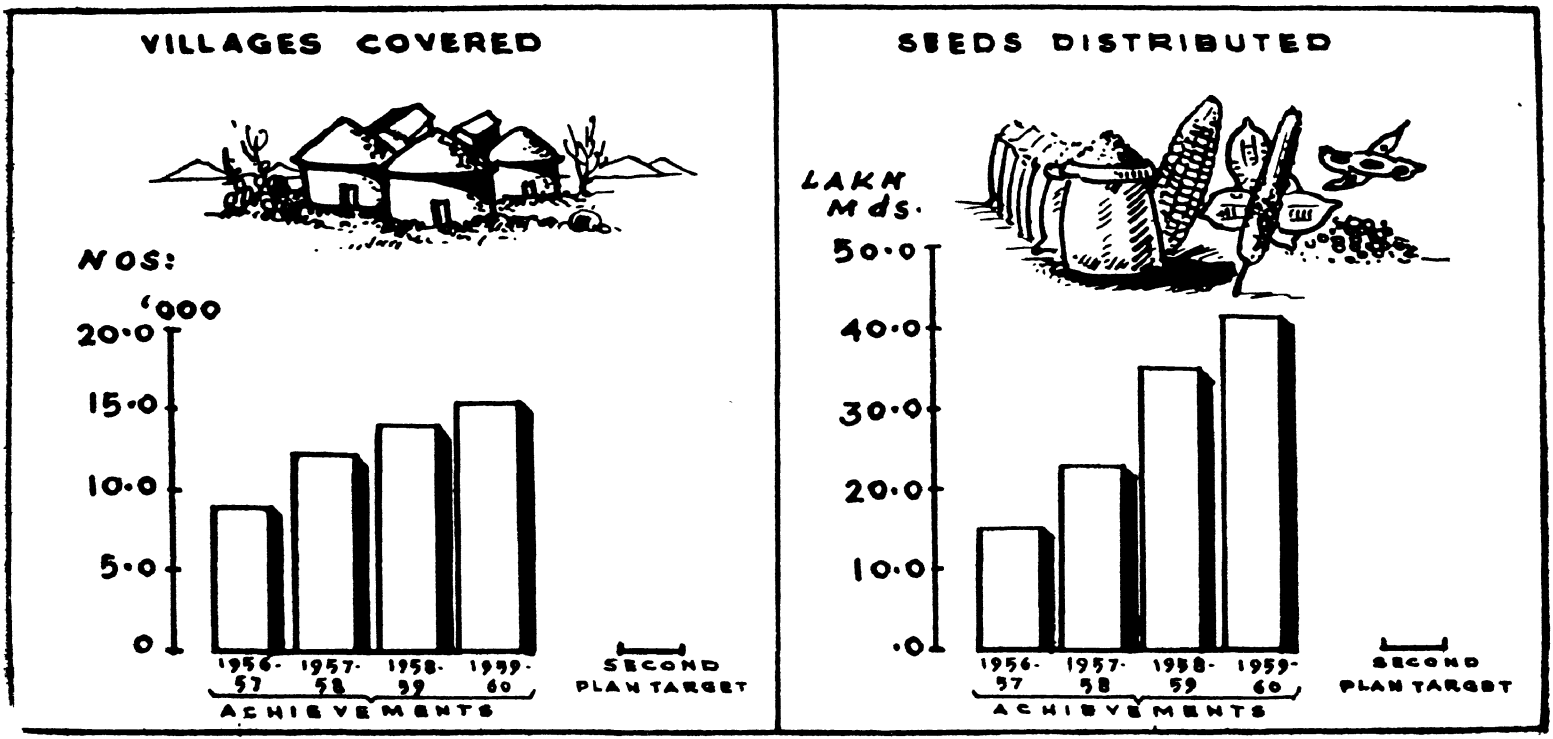
N.F.—Not Furnished.

COMMUNITY DEVELOPMENT



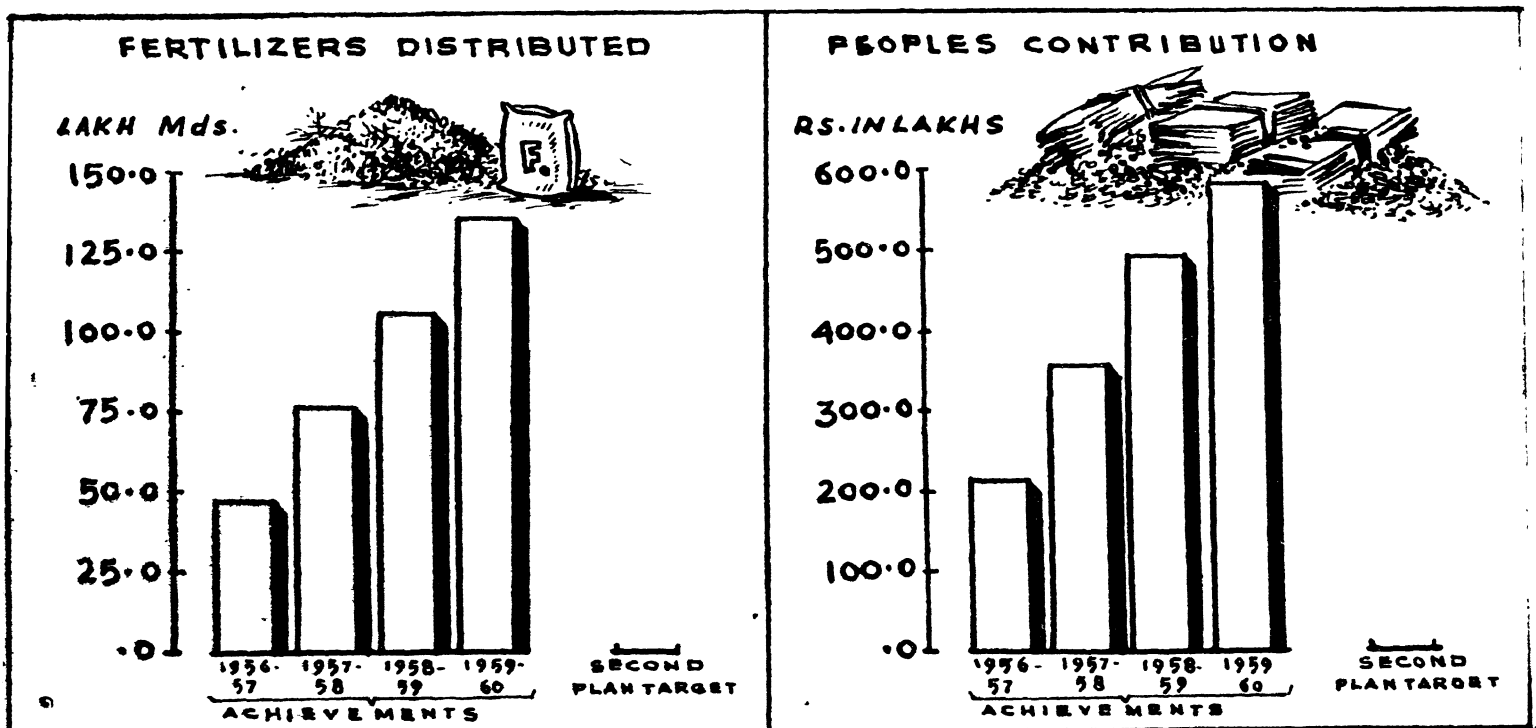
Second Plan Targets are not envisaged

COMMUNITY DEVELOPMENT



Second Plan Targets are not envisaged

COMMUNITY DEVELOPMENT



Second Plan Targets are not envisaged

CHAPTER XVI.

Multipurpose Project.

Nagarjunasagar Project:

The Nagarjunasagar Project was taken up during the year 1955-56. The first phase of the project is now estimated to cost Rs. 91.12 crores and during the second plan period it was originally proposed to spend Rs. 32.30 crores on this project but in order to sustain the tempo the second plan provision was subsequently revised to Rs. 37.00 crores. During the first four years of the Second Plan, a sum of Rs. 28.10 crores was spent on this project. During the year 1959-60, a sum of Rs. 700.00 lakhs was provided in the Budget Estimates. But, this amount was however, increased to Rs. 860.00 lakhs to keep up the tempo of progress on the various works. The actual expenditure on the project amounted to Rs. 857.58 lakhs. The main dam has reached the height of 85 feet in parts. The excavation of the main canals on the right-side is in good progress in the first 50 miles while that on the left-side is in progress upto 43 miles. Orders have been placed through the I.S.M., for the machinery and equipment required for the construction of the dam after the trestle stage (100 feet height) and for the canal excavation work in difficult reaches. The construction of dam which was hitherto under the control of Nagarjunasagar Control Board also was taken over by the State Government during the year and the Nagarjunasagar Control Board is now a technical advisory body. A short review on the progress made to the end of 1959-60 by the three units of the Project Dam, Viz. Left Canal and Right Canal is given below :—

Dam.—By the end of March, 1960, 95 per cent of the Earthwork excavation of foundations for the Dam and 21.7 per cent of the work-load for masonry and concrete for the Dam was completed. Masonry for the Dam has been taken up and is in progress in 66 out of 79 blocks. The masonry and concrete laid during the year was 17.6 M. Cft. while the quantity laid from the commencement of the project amounted to 36.82 M. Cft. against the total work load of 169.6 M. Cft.

The physical achievements have exceeded the targets set forth for the year in respect of many important items except earth dam. Due to the diversion of departmental machinery to other important works on the main dam, only 0.959 M. Cft. of earth-work relating to banking for the Earth dam could be done as against the target of 5.5 M. Cft. for the year. The earth work so far done on this item amounted to 6.196 M. Cft. against the total work load of 32 M. Cft. The construction of air-strip at Dam site was completed. The principles governing the rehabilitation of families in the villages that would be submerged by the Nagarjunasagar Project have been finalised. Work in respect of the rehabilitation centres at Kandlagunta and Adivedevalpalli located on either side of the river has been progressing very well. The excavation of the historic-relics of Nagarjuna Konda was in final stages of completion and the construction of the Museum on the top of the hill was in progress. A sum of Rs. 438.54 lakhs was spent during the year as against the original budget provision of 320.00 lakhs and a sum of Rs. 1490.46 lakhs was spent on the Dam during the first four years.

Right Canal.—A sum of Rs. 786.20 lakhs was spent on the right bank canal during the first four years. Out of which an amount of Rs. 244.51 lakhs was spent during the year under review.

The detailed investigation of the entire length of 135 miles of the main canal (under the 1st phase) has been completed. The investigation of branches and distributaries has been completed in 3,906 miles out of the total work load of 3,966 miles. Block levelling of the entire area of 32.27 lakhs acres has been completed. Investigation and alignment of field channels for a length of 4,858 miles has been done so far against the work load of 12,878 miles, while during the year 1959-60 itself 2,654 miles have been investigated on this purpose against the target of 2,391 miles. Excavation of the main canal in the first 50 miles is in brisk progress and 440.566 M. Cft. of excavation in all soils including rock requiring blasting representing 24.4 per cent of the total work load of 1,800 M. Cft. has been completed while during the year under review 151.207 M. Cft. of all types of soils have been excavated against the annual target of 181.50

M. Cft. Construction of the earth dam across Buggavagu between M-17/0 to 21/0 of the main canal at an estimated cost of Rs. 119.24 lakhs is in progress. Construction of an aqueduct across Chandravanka at M. 11/1 of Main Canal estimated to cost Rs. 29.04 lakhs taken up during 1958.59 was in good progress while construction of another aqueduct across Tallivagu at M. 7/5 estimated to cost Rs. 16.30 lakhs was taken up during the year under review. Construction of two cross drainage works at M. 9/5 and M. 16/2 of the main canal was completed. The excavation of main canal tunnel (4,135 feet in length, 27 feet in diameter) at an estimated cost of Rs. 90.00 lakhs was taken up during the year. A substantial portion of buildings at Macherla, Vinukonda, Nekarikallu, Karempudi, Vijayapuri, Kurichedu and construction of temporary buildings at Chandravanka, Tallapalli, Khamlampadu, Buggavagu, Adigoppalla and Zulakallu have been completed. Experimental localisation of the area to be benefited by the canal waters has been taken up and the work was completed in blocks 1, 2 and 3 was in progress in the blocks 4 and 10. An agro-economic survey of the ayacut area has been taken up at a cost of Rs. 2.30 lakhs during the year under review.

Left Canal.—A sum of Rs. 530.71 lakhs was spent on the left bank canal during the first four years of the second Plan. Out of this an amount of Rs. 174.53 lakhs was spent during the year 1959-60.

Preliminary investigation of the entire length of 108 miles of the canal (under 1st phase) has been completed and Preliminary investigation of a further length of 32 miles under Second Phase has also been taken up and investigation was completed upto 15 miles. Detailed investigation of the main canal has been completed upto 88 miles; detailed investigation and alignment of 1,556 miles for branches and distributories representing 84.5 % of the work load of 1,841 miles has so far been completed. Block levelling of an area of 12.70 lakh acres has been so far completed from the inception of the project. Excavation of the main canal is in progress in the first 43 miles. 252.957 M. Cft. of earth work representing 19% of the total work load of 1,332.00 M. Cft. has been excavated so far in all soils including rock requiring blasting while during the year under review, itself 72.921

M. Cft. of earth-work was done. The excavation of the tunnel (7500 ft. in length and 32 ft. in diameter) through which the left main canal takes off from the Reservoir was taken up at an estimated cost of Rs. 226.82 lakhs 1.113 M. Cft. of earth-work has been done so far against the work load of 8.05 M. Cft. Construction of the aqueduct at a cost of Rs. 44.0 lakhs across the Halia river at Mile 12 of the canal was in progress. Buildings for circle camp at Miryalaguda and the Division Camp at Chilkurthi and 8 Sub-division camps upto Mile 35 of the main canal have been completed.

Statement XIII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPEMTNT.—*Irrigation and Power* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Nagarjunasagar Project:						
(i)	Dam		237.042	414.876	3999.999	320.00	488.54
(ii)	Right Bank Canal ..	3,699.81	91.349	200.348	249.999	210.00	244.51
(iii)	Left Bank Canal ..		26.888	129.847	199.999	170.00	174.58
	Total ..	3,169.81	354.729	745.066	849.997	700.00	857.58

XIII

SUB-HEAD OF DEVELOPMENT :—*Multi-purpose Project.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(a) Excavation of foundations	1,000 c.ft.	31,200	7,442	14,650	8,668	2,200	2,815
(b) Drilling & grouting ..	1 Rft.	45,100	5,800	24,807	16,417	8,000	9,918 (Drilling and 10,971 Grouting).
(c) Masonry for dam ..	100 c.ft.	7,56,000	..	52,398	1,09,864	1,70,000	1,78,802
(d) Concrete for dam ..	,,	55,500	..	10,976	12,508	10,000	9,724
(e) R.C.C. for Gallaries ..	,,	8,700	..	652	2,644	4,000	2,594
(f) Embankment for Earth dam ..	1,000 c.ft.	20,000	..	1,442	3,795	5,500	959
(a) Preliminary investigation	Mile	276	276	..	..	..	..
(b) Detailed investigation of Main canal ..	,,	185	52	88	..	..	..
(c) Alignment of distributaries	,,	3,966	172	1,111	1,982	751	691
(d) Block levelling ..	Lakhs acres.	80.00	16.52	20.75	..	..	..
(e) Earthwork in Main canal	1,000 c.ft.	5,20,000	19,782	87,344	1,29,688	1,46,000	1,12,182
(f) Rock excavation ..	,,	95,000	2,178	18,485	36,992	35,500	39,025
(a) Preliminary investigation ..	Mile	140	35	78	..	27	10
(b) Detailed Investigation of main canal ..	,,	103	35	40	4	20	..
(c) Investigation of distributaries ..	Mile	1,841	140	24	358	940	1,089
(d) Earth work including Rock excavation ..	1,000 c.ft.	2,60,000	13,722	57,028	1,08,686	64,500	72,921
(e) Block levelling ..	Lakh acres.	7.25	0.25	2.61	4.89	2.75	2.75

CHAPTER XVII

Major and Medium Irrigation

During the year 1959-60, it was proposed to take up 46 Major and Medium Irrigation Projects for execution at an estimated cost of Rs. 507.69 lakhs. Of these 26 schemes costing Rs. 242.47 lakhs relate to the Andhra Region and 19 schemes costing Rs. 265.22 lakhs relate to the Telangana Region. But the following schemes costing Rs. 11.00 lakhs were either not implemented during 1959-60 or dropped and the provision made for them was adjusted for implementation of other schemes.

	Andhra	Provision made for 1959-60- (Rs. in lakhs)
1.	Vottigedda Project	1.00
2.	Varaha Reservior	0.50
3.	Swarnamukhi Left Bank Canal ..	0.50
4.	Kalyani	0.50
5.	Bahuda	0.50
~~6.~~	~~Vottigedde Project~~	~~1.00~~
~~7.~~	~~Vanche Reservoir~~	~~0.50~~
	Telangana	
8.	Lakhanapur	3.00
9.	Salivagu	0.50
10.	Nallavagu	0.50
11.	Ramadugu	0.50
12.	Lakhsminagar	0.50
13.	Suddavagu	0.50
14.	Lankasagar	0.50
15.	Kotipallivagu	2.00
	Total	11.00

However, the following schemes which were not included in the annual plan were taken up for implementation during the course of the year.

Name of the Scheme	Expenditure incurred during 1959-60. (Rs. in lakhs)
~~Pochampad Project~~	~~2.50~~
Romperu Drainage Scheme ..	0.14
Gambhiramgedda Reservoir Scheme ..	1.41
Remodelling of Banda Kattu Channel	0.20
Siddalagandi	(—)0.23
Chennaraya swamy gudi Project ..	0.98
~~Zurreru~~	~~4.80~~
Dankada	7.27
Kanpur Canal..	0.25
Total ..	17.41

As a result, there were 43 schemes under implementation during the year and an expenditure of Rs. 393.07 lakhs was incurred on them.

A short account of the progress made by each of the schemes is given below.

Krishna Regulator-cum-Road Bridge :

Under this scheme, it was proposed to construct a existing road bridge-cum-regulator across the river Krishna at Vijayawada, just upstream of the anicut. This scheme is expected to ensure regular supplies to the existing ayacut area of 10.5 lakhs acres in Krishna delta and bring about one lakh acres of additional area under irrigation. During the first plan period, a sum of Rs. 106.75 lakhs was spent on this scheme and a further sum of Rs. 126.97 lakhs was spent during the first four years of the Second Plan. Out of the total ayacut area of 1,17,000 acres proposed to be developed under this project, the ayacut developed upto the end of December, 1959 was 19,900 acres.

By the close of the year 1959-60, the work on the project was almost completed except for the fixing of the shutters. Out of 70 crest gates, 57 were erected and operating bridges for 55 were also erected. Hoists for 11 gates were erected and work on the rest was fast progressing. During the year 1959-60 a sum of Rs. 7.84 lakhs was spent on this scheme as against the budget provision of Rs. 10.83 lakhs.

Romperu Drainage Scheme :

By the end of the first plan period, this project was in an advance stage of completion and out of the total estimated cost of Rs. 128.44 lakhs, only a balance of Rs. 2.76 lakhs remains to be spent in the second plan period. Though no provision was made for this project in the original plan for 1959-60, a sum of Rs. 0.05 lakh was provided in the revised estimates for meeting the cost of the balance of work. But, the actual expenditure amounted to Rs. 0.14 lakh. The work on this project was physically completed and the entire ayacut of 8,196 acres was brought under irrigation by the end of March, 1960.

Bhairavanitippa Project :

This project consists of earthen reservoir with regular vents across the river Hagari near Bhairavanithippa village of Kalyanadurg taluk, Anantapur District. The reservoir is capable of irrigating 9,700 acres. The total cost of the project is now placed at Rs. 141.93 lakhs as against Rs. 93.09 lakhs estimated in 1950 when the scheme was sanctioned by the Government. A sum of Rs. 28.58 lakhs was spent on the project during the first plan period while the expenditure during the first three years of the Second Plan amounted to Rs. 81.60 lakhs. During the year under review, a sum of Rs. 21.36 lakhs was spent on this project. The formation of earthen bund and regulators of 12 vents of 40 ft. × 16 ft., manufacture and erection of scour gates and 10 crest gates, all the operating bridges and 5 hoists were completed. Out of the total length of 23 miles and 3 furlongs of canals on either flank, a length of 17 miles and 1 furlong was completed in all respects. So far, an area of 2, 933 acres has been developed under the project. Water was also supplied to an area of 5,000 acres under the spring Channels taking off from the river. A sum of Rs. 21.36 lakhs was spent on this project during the

year 1959-60 as against the budget provision of Rs. 38.45 lakhs.

Upper Pennar Project :

This scheme envisages formation of a reservoir across Pennar river near Perur village in Dharmavaram taluk of Anantapur district. The reservoir with a capacity of 2.000 M. Cft. will not only supply water to the proposed ayacut of 9,782 acres but also feed tanks lower down including those in Anantapur taluk by a channel 13 miles in length. Out of the total estimated cost of Rs. 153.68 lakhs, a sum of Rs. 120.04 lakhs was spent on the project during the First Five-Year Plan Period while a further sum of Rs. 30.21 lakhs was spent during the first three years of the Second Five-Year Plan. In the current year, a sum of Rs. 1.72 lakhs was spent on this project as against Rs. (—) 1.19 lakhs provided for it in the Budget estimates. The work on this project started in 1950, was completed in 1958-59, and water was supplied for irrigation. Excavation of field channels was also completed for 36 miles out of 180 miles. Out of the proposed ayacut of 9,782 acres, about 1,167 acres of ayacut was developed upto end of 1959.

Rallapadu Project :

This project was also taken up for execution during the First Five-Year Plan period and a sum of Rs. 57.74 lakhs was spent on it by March, 1956. The expenditure during the first three years of the Second Plan was Rs. 30.79 lakhs. The project was physically completed and only a sum of Rs. 0.05 lakh was provided in the plan for 1959-60, but the actual expenditure amounted to Rs. (—) 5.30 lakhs. Water was let down for irrigation in October, 1958 and out of the total ayacut of 8,175 acres an area of 5,030 acres was actually brought under irrigation by the end of 1959.

Tungabhadra Project :

This project was taken up in the year 1945 by the erstwhile Hyderabad State and composite Madras State. 46 miles of main canal and 30 miles of Kurnool branch canal are in Andhra Pradesh. The work, including distributaries etc., was completed in 1957-58. The main canal was designed to discharge 2,500 cusecs at head to irrigate 92,000 acres in Mysore State and 1,67,000 acres in Andhra Pradesh. Out of Rs. 85.68 lakhs proposed

to be spent on this project during the Second Five-Year Plan period, a sum of Rs. 57.34 lakhs was spent on it during the first three years of the Second Five-Year Plan, and in the plan for 1959-60, a provision of Rs. 18.23 lakhs was made to meet the land acquisition charges. But a sum of Rs. 19.64 lakhs could be spent on it on account of the delay in the land acquisition procedures. An area of 98,958 acres was brought under irrigation by the end of the year 1959-60.

Tungabhadra High Level canal :

The Central Water and Power Commission has accorded sanction in April, 1959 for Stage-I of Tungabhadra High Level Canal scheme costing Rs. 13.00 crores. This is expected to benefit an area of 68,000 acres in Mysore State and 1,19,115 acres in Andhra Pradesh. However work on this project was taken up from the year 1956-57 itself and preliminary works such as formation of camp at Mid Pennar Regulator site and construction of work shops at the rail road at Garladinne were completed. The works relating to the construction of Mid Pennar Regulator and South canal were taken up and were progressing satisfactorily at the close of the year 1959-60. A sum of Rs. 42.90 lakhs was spent on this project till the end of the Third year of the plan while a further sum of Rs. 60.96 lakhs was spent in 1959-60.

Investigation of Projects :

A sum of Rs. 1.00 lakh was provided for investigation of projects during 1959-60 and an expenditure of Rs. 1.16 lakhs was incurred during the year.

Telangana

Rajolibunda Diversion Scheme :

This project consists of an anicut across the river Tungabhadra at Rajolibunda village (Mysore State) about 80 miles down stream of Tungabhadra dam. A canal 85 miles long has been taken out from the left flank to irrigate 1.14 lakh acres. The head works and the first 27 miles of canal are in Mysore State and the rest of the canal from mile 27 to mile 86 is in Andhra Pradesh. The original cost of the scheme including anicut and main canal was estimated to be Rs. 433.00 lakhs. The

revised cost of the canal from mile 27 to mile 86 is estimated at Rs. 293.00 lakhs.

The work on the canal upto mile 66 was completed in all respects by March, 1960, and water was let out in the month of July, 1959 for irrigation upto mile 42 for an area of about 25,000 acres. But the actual area irrigated upto the end of December, 1959 was only 4,986 acres. Localisation work on the canal was completed for 30,200 acres and the remaining work was in brisk progress at the close of the year 1959-60.

During the First Plan Period, an amount of Rs. 29.48 lakhs was incurred on the scheme while the expenditure during the first three years of the Second Plan amounted to Rs. 79.44 lakhs. During the year under review, a sum of Rs. 31.61 lakhs was spent against the budget provision of Rs. 93.00 lakhs.

Kaddam Project :

This project was proposed as a first phase towards the implementation of the Godavari valley scheme. The first phase comprises of a dam across river Kaddam in Adilabad district and a canal 47 miles long on left flank of the river with distributory system to irrigate 65,000 acres in the same district. It was proposed to construct a reservoir of 6,599 M. Cft. and dam of 6,495 ft. in length at a cost of Rs. 441.00 lakhs. The work was started in 1949 and was completed in 1958 itself and water was let out during that year. But due to unprecedented floods a portion of the dam was washed away in August, 1958. An estimate amounting to Rs. 160.00 lakhs was sanctioned for the restoration of the dam. Hence the total estimated cost of the project comes to Rs. 601.00 lakhs. As there was no response from the contractors, it was decided to take up the work departmentally. The work was therefore split up and 8 Contractors agreed to enter into K-2 agreement. Agreements were completed with 5 contractors and works were taken up on hand.

Expenditure of the scheme during the First Plan Period amounted to Rs. 340.86 lakhs while expenditure during the first three years of the Second Plan amounted to Rs. 61.85 lakhs. Against the plan provision of Rs. 74.00 lakhs, a sum of Rs. 52.76 lakhs was spent during the year 1959-60.

Pochampad Project :

This project, though not included in the Second Plan originally, was brought into the plan as a substitute for a medium sized, Devnoor Project. It includes consruction of a weir at Pochampad village across Godavari and excavation of a canal 68 miles long on the right bank to irrigate an area of 3.60 lakh acres. The total estimated cost of the project is Rs. 1,525.00 lakhs. The scheme was under consideration of the Government during 1959-60 and pending sanction of the main estimate, one circle with two construction divisions for Pochampad and four construction divisions for Kaddam Project with Head quarters at Nirmal was sanctioned. An amount of Rs. 2.59 lakhs was spent during 1959-60, as against Rs. 5.00 lakhs provided for it in the annual plan.

Investigation of Projects :

A sum of Rs. 9.50 lakhs was provided during II plan for investigation of projects, in Telangana Region and an expenditure of Rs. 4.85 lakhs was incurred during the year 1958-59 and Rs. 61.32 lakhs during the year 1959-60.

MEDIUM IRRIGATION

Andhra

Narayanapuram Anicut Scheme :

The scheme contemplates the construction of anicut with 3′ falling shutters on Nagavalli river near Narayanapuram village in Srikakulam district and Excavation of channels on eitherside for giving assured supply to the existing ayacut under the river channels and to extend supply to additional areas on both flanks. The estimated cost of the scheme is Rs. 54.24 lakhs and the total ayacut that will be benefited is 27,617 acres existing and 9,200 acres new. 65% of the Head works, 80% of the excavation of right side channel and 70% of the works relating to cross masonry works on right side were completed by the end of March, 1960. Localisation of ayacut was in good progress. A sum of Rs. 24.26 lakhs was spent during the first three years of the Second Plan while during the year 1959-60, the expenditure on

the scheme amounted to Rs. 15.84 lakhs against the plan provision of Rs. 21.16 lakhs.

Nagavalli Rightside Channel :

The scheme comprises of a channel 13 miles 4 furlongs long with a head sluice on the right side of the existing Thotapalli Regulator across the Nagavalli river to irrigate lands in Parvathipuram and Bobbili taluks in Srikakulam district. The estimated cost of the scheme is Rs. 16.92 lakhs and the ayacut that would be benefited by the scheme after completion, will be 6,360 acres existing and 2,640 acres new. Most of the works were completed and the execution of the 10th branch channel was in progress at the close of the year. The development of ayacut was also in progress.

An amount of Rs. 8.00 lakhs was spent during the first three years of the second plan while during the year 1959-60 the expenditure on the scheme amounted to Rs. 2.19 lakhs against the budget provision of Rs. 2.00 lakhs.

Vegavathi Anecut Scheme :

This scheme includes construction of an anicut 300 ft. long with falling shutters 4' high across the Vegavathi river, a tributory of the Nagavalli, at Karrivalasa village in Srikakulam district and excavation of two channels on either side, for the supply of water for irigation. The length of right and left channles are 6 M. 5 F. and 4 M. 4 F. respectively. The estimated cost of the scheme is Rs. 15.42 lakhs and the ayacut that would be benefited is 4024 acres existing and 1,500 acres new. The actual work in the right and left side channels was nearly completed at the end of the year 1959-60. The scheme was expected to be completed by December, 1960. The expenditure during the first three years amounted to Rs. 10.02 lakhs while in the year 1959-60, an amount of Rs. 3.21 lakhs was spent against the budget provision of Rs. 1.87 lakhs.

Seethanagaram Anicut Scheme :

This scheme envisages the construction of an anicut across Swarnamukhi river, a tributory of Nagavalli river near Venkata Bhairavapuram village, in Bobbili

taluk of Srikakulam district with a right side channel 9 miles long and a left side channel 3½ furlongs long to stabilise the existing ayacut of 1,697 acres and benefit an additional area of 2,400 acres. The project was physically completed and water was let out for irrigation. During 1959-60, 1904 acres of land was developed. A sum of Rs. 2.95 lakhs was spent on the project during 1959-60 as against the Budget Provision of Rs. 0.89 lakh.

Gambhiramgedda Reservoir :

The scheme envisages formation of a dam across Gambhiramgedda in Bhimunipatnam taluk of Visakhapatnam district with a masonry spill way at its right flank and two irrigation channels taking off from either bank for a length of one mile and ½ furlong on the right and 2 miles 5 furlongs on the left . The ayacut originally contemplated under the scheme was 383 acres existing and 1166 acres new. But the ayacut was subsequently restricted to 643 acres by the Government with a view to use the balance of water in the reservoir for augmenting water supplies to Visakhapatnam town, during summer. The main scheme was completed and a sum of Rs. 1.41 lakhs was spent on the scheme during the year under review and 572 acres of land was brought under irrigation by 31-12-1959.

Remodelling of Bandakathu Channel system :

The existing irrigation was going on under 3 branch channels, under Bandakattu channel in West Godavari district. It was proposed to improve the system to ensure equitable supply to all the channels at an estimated cost of Rs. 2.65 lakhs and the scheme was expected to benefit, 2,466 acres of existing ayacut and 1,186 acres of new ayacut. The scheme was physically completed and water was let out for irrigation in 1956. The work on the construction of scouring sluice at Mile 0/5 of Bandakattu channel was in progress at the end of March, 1960. A sum of Rs. 0.20 lakh was spent on the scheme during the year and the targetted area of 3,652 acres was benefited under the scheme.

Nakkalagandi Reservoir Scheme :

Under this scheme it was proposed to form a reservoir across uppuvagu (a minor tributory at Pillaperu

river which in turn falls in Manneru) at Nakkalagandi in Udayagiri taluk of Nellore district. An earth dam was constructed across the stream and surplus weir was located on the right flank and the entire work connected with the scheme was completed and water was let out for irrigation. During the year under review, a sum of Rs. 0.57 lakh was spent on the scheme and 900 acres of land was developed.

Paleru Reservoir Scheme :

The Reservior consists of an earthen dam 1,080 ft. in length and a rough stone surplus escape to a length of 870 ft. The scheme was intended to supply water to 1,128 acres of dry crops directly from the channel besides giving assured supplies to 300 acres of wet crop under Kanikanampadu in Kanigiri taluk of Nellore district. The project was completed except for some minor works and water was let out for irrigation. Though a sum of only Rs. 0.01 lakh was provided for this scheme in the annual plan for 1959-60, an expenditure of Rs. 0.33 lakh was incurred during the year and an area of 724 acres was developed.

Upputeru Lower Anicut Scheme :

The scheme provides for the construction of an anicut across Upputeru, a tributory of Manneru river just below the confluence of Kommavagu branch near Peddapavaram village in Kandukur taluk of Nellore district. The scheme envisages feeding of 6 tanks *viz.*, those at Kothapeta, Beddipudi, Latchirajupalem, Bhimavaram and Rajapalem Pedda tank and Rajapalem Chinna tank and is designed to ensure supplies to 1,142 acres of exising ayacut and 750 acres of new ayacut. The work was completed by the end of March, 1960 and the entire ayacut was developed. A sum of Rs. 0.62 lakh was spent on this scheme during 1959-60.

Kalangi Reservoir Scheme :

The scheme provides for the construction of a reservoir across Kalangi River, to irrigate an ayacut of about 4500 acres in Kalahasti taluk of Chittoor district. The work was completed. Consequent on the heavy rains of 1957, it was decided to provide additional surplus arrangements at a total cost of Rs. 29.00 lakhs.

Manufacture and conveyance of all the crest gates and 3 scour gates to sites were completed. Erection was under progress at the close of the year. The work on Anjur Anicut main canal was also completed and the water was proposed to be let out into 13 tanks through the Anjur Anicut main canal in July, 1960. The ayacut proposed was 3,874 acres existing and 700 acres new. During the year under review the expenditure amounted to Rs. 5.08 lakhs against the annual plan provision of only Rs. 0.10 lakh.

Mallimadugu Reservoir Scheme :

Under this scheme, it was proposed to construct a reservoir across Konakalva and Rallakalva, tributaries of Swaranamukhi river by bunding up the gaps between Mallimadergutippa and Chiralammatippa in Chandragiri taluk of Chittoor district. The estimated cost of the scheme was 24.41 lakhs and it was intended to benefit an extent of 2,937 acres of existing ayacut and 1051 acres of new a yacut. The construction of the reservoir was completed. Consequent on the heavy rains of 1957, it was decided to provide additional surplus arrangements. The work on additional surplus arrangements was almost completed except for shutters and an ayacut of 2,937 acres was developed. The expenditure during the year 1959-60 amounted to Rs. 10.00 lakhs against the Budget provision of Rs. 0.10 lakh.

Lower Sagileru Project :

This scheme provides for the formation of a reservoir across Sagileru, just above the confluence of bokkineru in Cuddapah district by constructing an earthern dam of nearly one mile, four furlongs with an oge spillway regulator. The scheme also provides for the excavation of a supply channel on the left side for a length of 14 M.—4 F. to feed 14 tanks and to provide irrigation facilities for 2,820 acres existing and 2,841 acres new ayacuts. The total estimated cost of the scheme was Rs. 50.60 lakhs. The works on head works portion and manufacture and erection of gates and hoists were completed except for some minor items. Water was let into the canal and into the 14 tanks proposed to be fed. Localisation of ayacut was done for 1,100 acres. An expenditure of Rs. 2.36 lakhs was incurred on the scheme during the year.

Pinchanandi Reservoir Project :

This scheme envisages formation of a reservoir near Palakalagutta in Rayachoti taluk of Cuddapah district across Pincha river, a tributory of Cheryyar river with a regulator and masonry non-overflow section to the left of the regulator and an earthen dam on the right flank. It was proposed to bring 3,600 acres of dry land under wet cultivation (1st crop) and provide 280 acres with second crop irrigation. The works on head works and canal portions and manufacture and erection of gates and hoists were completed. The works on flood damages and field distributories were in progress at the close of the year 1959-60. An expenditure of Rs. 1.42 lakhs was incurred on this scheme during the year 1959-60.

Restoration of the Breached Tank of Siddalagandi :

Under this scheme it was proposed to restore the tank by closing the breach with a composite dam section. A bye-wash 360 ft. long was provided in the left flank. It was proposed to feed an ayacut of 350 acres under the scheme. The work was completed except the excavation of distributaries. The expenditure during the year amounted to Rs. (—) 0.23 lakhs.

Chennarayaswamy-gudi Project :

This scheme envisages the formation of a reservoir across Papagni River about 3 miles east of Balasamudram village with a masonry regulator in the middle and earthen bunds on the flanks with two channels taking off, one 3 miles 6 furlongs long on the left side and the other 2 miles 4 furlongs long on the right side to irrigate 1,125 acres of first crop and 400 acres of second crop including 416 acres of existing wet land under spring channels. The work of manufacture and erection of gates and hoists was completed and counter weights have been cast. Fixing of shutters, excavation of field bodhes were in progress at the end of March, 1960. A sum of Rs. 0.98 lakh was spent on this project during the year 1959-60.

Improvements to K.C. Canal from 0/0 to 74/0 and 74/6 to Tail end :

The project provides for improvements to the existing anicut at Sunkesula across Tungabhadra by installing 3

ft. falling shutters and strengthening the anicut to take extra stress and providing a new head sluice. The scheme also contemplates remodelling of the canal for the first 74 miles by widening and increasing the depth to 9' and lining with concrete 4" thick for the entire length. The total estimated cost of the scheme was Rs. 659.30 lakhs and this was expected to go upto Rs. 600.00 lakhs. The total ayacut that will be benefited by the scheme is 3,00,600 acres.

Most of the works were completed and the remodelling of the canal from 74/6 to 190/0 and channels was on hand.

During the year 1959-60, an amount of Rs. 46.41 lahks was spent on this project and an area of 1,23,747 acres was brought under irrigation at the end of December, 1959.

Torrigedda Pumping Scheme :

The project envisages irrigation of lands in Torrigedda region in East Godavari by pumping water from Godavari at an estimated cost of Rs. 36.33 lakhs. The head works proposed consists of construction of a pump house, installation of three vertical spindle deep well pumps of 588 H.P. with a capacity of 37,500 gallons per minute each and one standby with suitable motors. The main channel taking off from pump house runs for 2 miles and branches off into two channels. No. 1 runs for 12½ miles and tails into Torrigedda and channel No. 2 flows for 18½ miles and tails into Torrigedda. 9,400 acres will be irrigated under channel No. 1 and 6,000 acres will be irrigated under channel No. 2 and the required discharge of 175 cusecs will be made available by the pum house. The scheme was started in 1959 and the construction of intake well and store shed was completed. The work on construction of R.C. Conduit and pump house was in progress at the end of March, 1960. An amount of Rs. 3.53 lakhs was spent during the year 1959-60.

Paidigam Project :

The scheme contemplates excavation of a channel from left side of the north Mahendrakanaya river in Srikakulam district by constructing a regulator across the river. It was thus proposed to divert floods in the river to supplement supply to the existing tanks and thus benefit about 3,249 acres of existing precarious wet lands and 200

acres of banjar lands. The work on construction of quarters, approach road and head sluice was in progress at the end of March, 1960. The expenditure on the scheme amounted to Rs. 2.01 lakhs against the budget provision of Rs. 2.00 lakhs during the year under review.

Excavation of supply channel from Paleru to Bitragunta :

The scheme envisages construction of an anicut across Paleru river, and excavation of a supply channel from the anicut for feeding a chain of four tanks, namely Bitragunta tank, Pakala new tank, Pakala old tank and Binginipalli tank, and thus provide irrigation facilities to 2,458 acres of new land besides assuring supplies to 2,372 acres of existing land. The work on anicut and channels was in progress at the end of the year 1959-60 and 40% of the total work on the scheme was so far completed. An amount of Rs. 5.51 lakhs was spent during the year against a budget provision of Rs. 3.00 lakhs.

Gantavari Kothagudem Reservoir Scheme :

The scheme envisages the formation of a reservoir across Thandava river. Two canals are proposed—one on the left flank and another on the right flank for lengths of 8M—3F and 10M respectively. The reservoir was intended to give assured supplies to the existing ayacut of 32,000 acres and to provide irrigation facilities for a new ayacut of 10,800 acres. The scheme was inaugurated on 30-6-59. The works on the construction of approach road and staff quarters were in progress at the end of the year 1959-60. A sum of Rs. 2.72 lakhs was spent in all against a plan provision of Rs. 2.23 lakhs.

Zurreru Reservoir Scheme :

The scheme envisages construction of a reservoir across Zurreru river in Kurnool district with a head sluice and a supply channel of 32 miles long to irrigate an ayacut of 1,450 acres new area besides providing assured supplies to 50 acres of existing land. The scheme was estimated to cost Rs. 23.23 lakhs. Preliminaries were settled and work was started on the scheme during the year. The proposal for increasing the capacity of the reservoir from 217 M. cft. to 400 M. cft. was under examination during the year. An amount of Rs. 4.80 lakhs was spent during the year under review.

Donkada Anicut Scheme :

The proposal is to construct an anicut some distance below the existing damaged anicut at Donkada on Champavathi River at Visakhapatnam district at a cost of Rs. 15.64 lakhs. The contemplated ayacut under the scheme was 5,091 acres of existing and 1,000 acres of new land. The scheme was inaugurated on 15-4-1959 and sinking operation of wells for foundation and casting of R.C. sheet piles was completed by the end of March, 1960. The expenditure on the scheme amounted to Rs. 7.27 lakhs during the year under review.

Kanpur Canal :

The scheme was taken up for implementation during the course of the year 1959-60 and a sum of Rs. 5.00 lakhs was provided in the Revised Estimates for the year. Against this, only a sum of Rs. 0.25 lakh was spent till the end of March, 1960.

Investigation of Projects :

A sum of Rs. 9.50 lakhs was provided for investigation of projects during 1959-60 and an expenditure of Rs. 6.20 lakhs was incurred during the year.

Telangana

Musi Project :

The project is located on the Chinnavagu in Wanaparthy taluk of Mahbubnagar district. It was taken up as a scarcity area work in the year 1954 and envisages construction of a reservoir across river Musi with canals on either flank. The dam comprises of Oge spillway with composite dam on either side and earthen embankments at the ends. 10 scour vents, 8 regulator vents and 12 crest gates were provided for disposing flood discharge of about 4 lakh cusecs. An area of 38,000 acres is proposed to be irrigated under the project. The left and right flank canals are 21 and 18 miles long and the works on these canals were almost completed. Manufacture and erection of gates and hoists for scour vents was completed. Regulator gates were conveyed to the site during the year 1959-60. The work on crest gates was taken up. During the year 1959-60, a sum of Rs. 64.03 lakhs was spent on this project and an area of 5,975 acres was developed.

Koilsagar Project :

This Project taken up during the first plan period was physically completed. On full development, it was expected to provide irrigation facilities to 14,500 acres during Abi and Tabi seasons in Mahbubnagar district. By March 1960, an area of 12,500 acres was brougnt under irrigation. The expenditure during the first three years amounted to Rs. 0.78 lakh while the expenditure during the year under review was placed at Rs. 1.25 lakhs.

Bhimanpalli Project :

Under the scheme, it was proposed to restore the breached tank near Bhimanpalli at an estimated cost of Rs. 8.12 lakhs to irrigate an area of 1,860 acres in Nalgonda district. The project was taken up during the first five-year plan period and was physically completed. Irrigation facilities have already been extended to an area of 1,600 acres. The expenditure on the scheme during the first three years amounted to Rs. 0.26 lakh while the expenditure during the year under review amounted to Rs. 0.005 lakh against the plan provision of Rs. 0.10 lakh.

Saralasagar Project :

Under this scheme, it was proposed to construct a dam with a syphen spillway and excavate canals on either side of the dam at an estimated cost of Rs. 30.00 lakhs for providing irrigation facilities to 4,800 acres in Mahbubnagar district. The scheme was taken up for implemention during the First Five-Year Plan itself and all the works were physically completed. An ayacut of 2,000 acres was so far developed. An amount of Rs. 13.94 lakhs was spent during the first three years while the expenditure during the year 1959-60 amounted to Rs. 2.60 lakhs as against the plan provision of Rs. 1.00 lakh.

Sirala Project :

This Project contemplates remodelling of the tank near Sirala and extending the existing channel up to 475 chains at an estimated cost of Rs. 1.86 lakhs to irrigate an area of 3,000 acres of new land in Adilabad district. The work on remodelling of the tank and extension of the channel was taken up during the First Plan period itself

and work relating to the first 185 chains was completed by the end of March, 1960 and an extent of 926 acres was provided with irrigation facilities. During the year under review, a sum of Rs. 0.44 lakh was spent against the Budget provision of Rs. 0.91 lakh.

Jutpalli Project :

The Project envisages construction of a reservoir across a stream near Jutpalli village in Tandur taluk of Hyderabad district at an estimated cost of Rs. 16.225 lakhs for bringing an additional area of 2,450 acres under irrigation. The work was started in June 1959 and the expenditure incurred upto end of March. 1960 amounted to Rs. 2.42 lakhs against the budget provision of Rs. 3.00 lakhs.

Swarna Project .

Under the scheme, it was proposed to construct a reservoir near Jowli village in Adilabad district at an estimated cost of Rs. 47.93 lakhs to bring an additional area of 9,130 acres under irrigation. Tenders were called for during the year under review and a sum of Rs. 0.02 lakh was spent against the Plan Provision of Rs. 2.00 lakns.

Engineering Research Laboratories .

A provision of Rs. 12.74 lakhs was originally made in the plan for 1959-60 for the purchase of equipment. appointment of Research and Technical personnel and construction of additional buildings and staff quarters at Himayatsagar. Against this programme, only a sum of Rs. 2.01 lakhs was spent during the year. Some of the equipment could not be purchased due to the acute foreign exchange problem and non-availability of equipment locally and this is mainly responsible for the shortfall in expenditure. Further, some of the appointments originally programmed, could not be made during the year on account of the dearth of trained personnel. The building programme also could not be adhered to on account of the delays in the technical sanction of the estimates, administrative approval, etc.

Statement XIV shows the financial and physical targets and achievements

STATEMENT

HEAD OF DEVELOPMENT : *Irrigation and Power.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	-1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra.						
	Major Irrigation Projects						
1.	Krishna Barrage scheme ..	120.65	75.05	30.40	13.68	10.83	7.84
2.	Romperu Drainage scheme	2.76	0.11	2.04	0.56	..	0.14
3.	Bhairavanithippa Project ..	110.22	26.85	23.95	30.80	28.45	21.36
4.	Upper Pennar Project ..	33.29	21.23	7.77	1.21	(—) 1.19	1.72
5.	Rallapadu Project Stage II	30.09	24.59	4.56	1.64	0.05	(—) 5.30
6.	Tungabhadra Project Low Level Canal.	85.63	23.19	12.36	15.28	18.23	19.64
7.	Tungabhadra Project High Level Canal.	206.58	..	..	19.38	56.27	60.96
8.	Investigation of Projects ..	5.00	..	..	..	1.00	1.16
	Medium Irrigation Projects.						
9.	Narayanapuram Anicut Scheme.	52.93	7.85	11.22	6.14	21.16	15.84
10.	Nagavalli Rightside channel	9.42	3.60	3.51	0.89	2.00	2.19
11.	Vegavathi Anicut Scheme ..	13.83	4.62	3.53	1.87	0.30	3.21
12.	Seethanagaram Anicut Scheme	6.57	1.89	1.66	0.89	0.20	2.95
13.	Gambhiramgedda Reservior scheme.	5.87	2.79	1.06	0.61	..	1.41
14.	Remodelling of Bandakattu Channel.	0.63	0.26	0.06	(—) 0.04	..	0.20
15.	Nakkalagandi Reservoir scheme.	0.70	0.33	0.41	0.16	0.05	0.57
16.	Paleru Reservoir Scheme ..	1.12	0.17	0.58	0.002	0.01	0.38
17.	Upputeru Lower anicut scheme.	2.24	1.47	0.16	..	0.01	0.62
18.	Kalangi Reservior scheme ..	19.32	6.32	3.38	5.57	0.10	5.08

XIV.

SUB-HEAD OF DEVELOPMENT : *Major and Medium Irrigation.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Area to be irrigated	.. No. of acres	1,17,000	..	10,812	40,000	40,000	19,900
Do	,,	8,800	..	..	8,196	10,000	8,196
Do.	.. ,,	6,000	..	..	1,534	3,500	2,933
Do.	.. ,,	2,500	..	..	687	5,000	1,167
Do.	.. ,,	8,175	..	..	938	5,000	5,080
Do.	.. ,,	1,31,000	24,378	40,000	71,175	1,00,000	58,957
Do. ..	.. ,,	..	..	..	..	..	..
	No target envisaged.						
Area to be irrigated	.. No. of acres	9,200 New 27,617 Existing		..	27,617	15,000	15,294
Do.	.. ,,	2,600	..	..	6,150	5,000	1,473
Do.	.. ,,	1,900	..	..	3,975	3,000	361
Do. ..	.. ,,	2,400	..	..	1,904	3000	1,145
Do. ..	.. ,,	1,100	..	..	425	600	572
Area to be irrigated	.. No. of acres.	Nil.	..	..	3,652	3,652	3,652
Do.	,,	Nil.	..	123	460	800	406
Do. ..	.. ,,	Nil.	..	304	673	1,000	586
Do. ..	.. ,,	Nil.	..	1,236	2,474	1,892	1,892
Do. ..	.. ,,	1,900	..	..	3,820	1,500	3,903

STATEMENT

HEAD OF DEVELOPMENT : *Irrigation and Power.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan Provision as revised last	1956-57 Actuals	1957-58 Actuals	1958-59 Actuals	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19.	Mallimadugu Reservoir Scheme.	12.92	1.06	2.56	4.25	0.10	10.00
20.	Lower Sagileru Project ..	26.78	21.34	6.00	1.48	(—) 1.05	2.86
21.	Pincha Reservoir Scheme ..	19.81	12.46	5.62	3.78	(—) 1.05	1.42
22.	Siddalagandi Project ..	3.09	1.61	1.33	0.25	..	(—)0.23
23.	Vidyaranyaswamigudi Project.	0.33	0.28	0.02	..	..	..
24.	Channarajaswamigudi Project.	16.57	9.99	2.80	2.03	..	0.98
25.	Improvements to KC Canal	380.60	126.56	108.00	64.50	90.77	46.41
26.	Torrigedda Pumping Scheme.	10.98	..	..	0.98	4.00	3.53
27.	Paleru Bitragunta Scheme ..	15.90	..	..	3.40	3.00	5.51
28.	Paidigam Project ..	9.03	..	..	0.03	2.00	2.01
29.	Gantavani Kothagudem Reservoir Scheme. ..	12.23	..	..	..	2.23	2.72
30.	Zurreru Reservoir ..	9.40	..	..	..	2.00	4.80
31.	Denkada Anicut ..	12.00	..	..	..	..	7.27
32.	Kanpur Canal	10.00	..	..	..	..	0.25
33.	Swarnamukhi left Back Canal	1.10	..	..	..	0.50	..
34.	Kalyani Reservoir ..	1.10	..	..	..	0.50	..
35.	Vothgedde Project .	2.00	..	..	..	1.00	..
36.	Varchi Reservoir ..	0.80	..	..	..	0.50	..
37.	Bahuda Reservoir Project ..	0.10	..	..	..	0.50	..
	Total for Andhra ..	1304.32*	379.73*	245.18	179.29	242.47	226.95

XIV.

SUB-HEAD OF DEVELOPMENT : *Major and Medium irrigation.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements on			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Area to be irrigated	No. of acres.	Nil	..	..	3,457	3,000	2,958
Do.	„	1,100	New	..	6,041	2,000	4,822
Do.	„	3,880	..	..	384	2,500	395
Do.	„	350	..	..	..	250	..
Do.	„	Nil	..	..	122	200	154
Do.	„	710	..	..	787	1,000	418
Do.	„	1,20,00	10,000	1,00,000	1,16,174	1,50,000	1,09,389
Do.	„		..	..	..	..	..
Do.	„	15,400	..	..	..	..	..
Do.	„	1,500	..	..	..	..	..
Do.	„	1,800	..	..	..	..	..
Do.	„	N.A.	..	..	..	..	..
Do.	„	N.A.	..	..	..	..	..
Do.	„	N.A.	..	..	..	..	..
Do.	„	4,050	..	..	..	..	..
Do.	„	8,000	..	..	..	..	..
Do.	„	200	..	..	..	..	..
Do.	„	10,000	..	..	..	..	..
Do.	„	1,000	..	..	..	..	..

STATEMENT

HEAD OF DEVELOPMENT.—*Irrigation and Power.* (Rs. in lakhs

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana.						
	Major Irrigation Projects						
1.	Kaddam Project ..	201.84	19.57	24.95	17.32	74.00	52.76
2.	Rajolibunda Diversion Scheme.	175.24	14.22	25.22	40.00	93.00	31.61
3.	Pochampad Project ..	65.00	..	..	..	5.00	2.59
4.	Investigation of Projects ..	15.79	..	..	4.85	9.50	6.32
	Medium Irrigation Projects.						
5.	Koilsagar Project ..	4.87	0.19	0.09	0.50	2.71	1.25
6.	Bheemanpalli Project ..	0.56	..	0.04	0.22	0.10	0.004
7.	Salasagar Project ..	16.79	3.03	3.61	7.30	1.00	2.60
8.	Musi Project	184.34	20.46	23.96	41.72	66.00	64.09
9.	Sirala Project	1.87	0.04	0.02	0.34	0.91	0.44
10.	Jutpally Project ..	11.34	..	..	0.54	3.00	2.42
11.	Swarna Project ..	12.00	..		..	2.00	0.03
12.	Engineering Research Laboratories. ..	17.04	..	0.68	3.56	12.74	2.01
13.	Dorepallivagu Project ..	..	..	..	..	2.00	..
14.	Laknapur Project ..	5.00	..	..	..	3.00	..
15.	Nallavagu Project ..	0.10	..	..	..	0.50	..
16.	Salivagu Project ..	1.60	..	..	..	0.50	..
17.	Ramadugu Project ..	2.00	..	..	..	0.50	..
18.	China Musi Project ..	..	..	..	..	0.50	..
19.	Lakshmisagar Project ..	..	..	..	..	0.50	..
20.	Suddavagu Project ..	0.11	..	..	..	0.50	..
	Total for Telangana ..	717.19	57.71	81.25	116.55	265.22	166.12
	Total for Andhra Pradesh ..	2021.51	437.44	326.43	295.84	507.69	393.07

**N.B.*—Besides the schemes listed, the statement includes the figures for schemes completed earlier

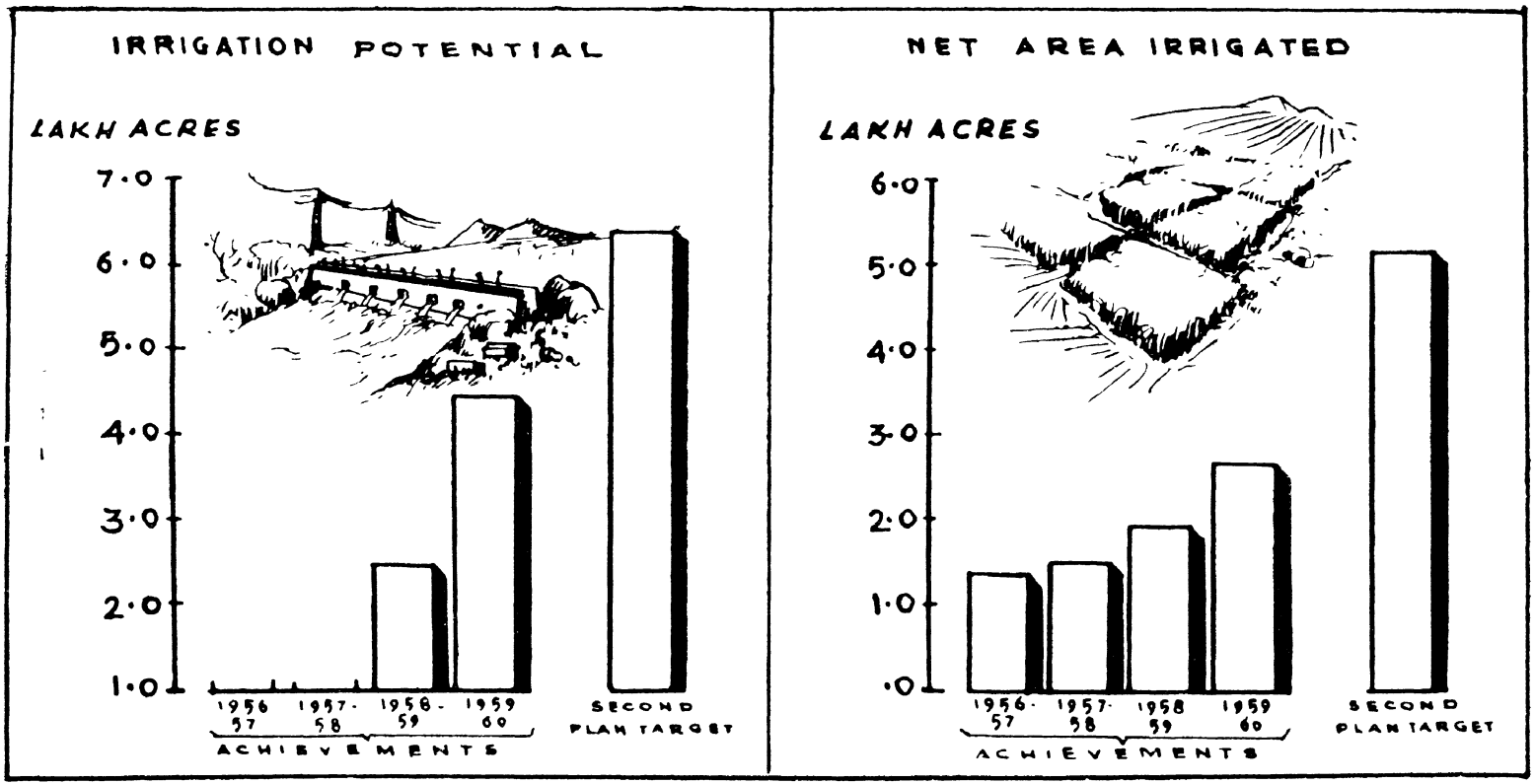
XIV.

SUB-HEAD OF DEVELOPMENT : *Major and Medium irrigation.*

		PHYSICAL TARGETS AND ACHIEVEMENTS					
			Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Area to be irrigated	.. No. of acres.	67,000	..	3,600	8,959	9,800	2,559
Do.	.. „	9,9000	..	..	613	32,000	4,986
Do.	.. „	..	..	..	..	..	..
Do.	No targets envisaged.						
Do.	.. „	5,290	7,154	7,100	9,511	10,000	9,265
Do.	.. „	865	..	860	836	1,400	450
Do.	.. „	4,800	..	1,700	32,55	1,000	1,845
Do.	.. „	42,000	..	..	..	12,000	5,976
Do.	.. „	2,721	279	279	279	1,000	307
Do.	„	2,450	..	..	..	..	..
Do.	.. „	6,000	..	..	..	..	..
	No physical targets envisaged.						
Do.	.. „	3,000	..	..	..	..	..
Do	.. „	2,050	..	..	..	..	..
Do	.. „	3,000	..	..	..	..	..
Do	.. „	4,020	..	..	..	..	..
Do	.. „	3,400	..	..	..	..	..
Do	.. „	500	..	..	..	..	..
Do	.. „	500	..	..	..	..	..
Do	.. „	500	..	..	..	..	..

to 1959-60 and/or schemes which are proposed to be take up in 1960-61.

IRRIGATION


IRRIGATION POTENTIAL
LAKH ACRES
7·0
6·0
5·0
4·0
3·0
2·0
1·0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET
NET AREA IRRIGATED
LAKH ACRES
6·0
5·0
4·0
3·0
2·0
1·0
·0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

CHAPTER XVIII.

Power

During the second plan period it was proposed to take up 17 power projects in Andhra Pradesh at an estimated cost of Rs. 2781.82 lakhs. This provision was subsequently increased to Rs. 3268.72 lakhs. Out of this a sum of Rs. 2983.75 lakhs was spent during the first four years of the plan. Of this sum of Rs. 671.28 lakhs against the annual plan provision of Rs. 485.62 lakhs was spent during 1959-60. The main physical targets envisaged during the second plan are additional generating capacity of 1,22,825 k.w. electrification of 1250 towns and villages and construction of 3224 miles of H.T. and L.T. transmission lines. Against these plan targets, 1,29,575 k.w. of additional generating capacity was added during the first four years besides the electrification of 1627 towns and villages and construction of 10,149 miles of H.T. and L.T. transmission lines. The total generating capacity in the State has therefore increased from 98,900 k.w. in 1955-56 to 2,28,470 k.w. in 1959-60. While the per capita consumption of electricity has increased from 7.0 units to to 15.0 units during this period.

Details of the progress made in respect of each of the schemes taken up for implementation during 1959-60 are given below.

Machkund Hydro Electric Scheme (Stage 1 and Stage II):

The Machkund Hydro Electric Scheme is a joint venture of the States of Orissa and Andhra Pradesh. The two States share the capital outlay and power benefit in the ratio of 30.70. This scheme is designed to harness the waters of Machkund River, a sub-tributary of Godavari and develop power on the right banks of the river near Dudama falls, where a drop of 850 feet is available. An ultimate installed capacity of 1,14,750 k.w was expected under this scheme. Under the first stage it was proposed to install three generating units of 17,000 k.w. while three more generating units of 21, 250 k.w. each will be installed in the second stages.

By the end of 1959-60, the first three generating units of 17,000 k.w. and the fourth generating unit of 21,250 k.w. were installed besides the completion of the assembly works of the 5th and 6th units. In the plan for 1959-60 a sum of Rs. 79.07 lakhs was provided towards the installation of the fifth and sixth units and other minor balance works besides the completion of work connected with Jalput Dam course., As programmed the fifth and sixth generating units of 21,250 k.w. units each were commissioned during the year thus completing the full development of Machkund Hydro Electric Scheme. However, a few balance works on Jalput Dam spillway, construction of permanent buildings and roads are yet to be completed. In all a sum of Rs. 29.85 lakhs was spent on this scheme during the year under review.

Tungabhadra Hydro Electric Scheme :

The Tungabhadra Hydro Electric Scheme is a joint venture of Mysore and Andhra Pradesh States and the capital outlay and the power generated thereon will be shared by the two States in the ratio of 20: 80. The Hydro Electric Scheme provides for development of power from waters let out into the irrigation canals at two places, one at the foot of the Dam and another at Humpi ruins, 14 miles down below the Tungabhadra Dam, where a drop of 110 feet is available. Under this scheme, it was proposed to install five generating units of 9,000 k.w. each 2 at Dam Power House and 3 at Humpi Power House. But only four generating units, under first stage, 2 at Dam Power House and two at Humpi Power House were commissioned prior to 1959-60 and the third unit at Hampi Power House was proposed to be ordered along with the three units covered by the Tungabhadra Nellore Hydro Thermal Scheme as soon as the foreign exchange is made available. However, in the plan for 59-60 only a sum of Rs 5.42 lakhs was allotted for this scheme for completion of the balance works of the first stage. Against this a sum of Rs. 10.20 lakhs was spent and the construction of additional buildings which were in progress in 1958-59 were completed during the year. In addition to the second stage extension work, and the second low pressure pipe lines works were in progress during this period.

Tungabhadra Nellore Hydro Thermal Scheme :

The Tungabhadra Nellore Hydro Thermal Scheme provides for the installation of 3 generating units of 9,000 k.w. each—2 at Dam Power House and one at Hampi Power House and alsoenvisages a 30 M.W. Super Therma. Station at Nellore to firm up the seasonal variations in power generations at the Tungabhadra stations. The work on the scheme could not be taken in the earlier years as necessary foreign exchange for the power station equipment, both Thermal and Hydro, was not released. A sum of Rs. 48 lakhs was allotted for this scheme in the annual plan for 1959-60 for the erection of 132 k.v. transmission line from Nellore – Cuddapah, for interlinking the Machkund system for utilisation of Machkund Power in Rayalaseema and for works connected with Cuddapah 132 k. v. sub-station. But, during this year also the works proper could not be taken up due to non-availability of foreign exchange. However, work relating to the erection of Cuddapah—Nellore 132 k.v. lines was taken up and 656 out of the total locations of 859 were erected and further work was in progress. A sum of Rs. 25.49 lakhs was spent on this scheme till the end of March, 1960.

Upper Sileru Hydro Electric Scheme :

The Upper Sileru Hydro Electric Scheme is a new power project proposed for execution in the Second Five-Year Plan. It utilises the tail-waters of Machkund Power station and the free flow of Sileru river between Machkund and Upper Sileru over a drop of about 400 feet. The scheme envisages the installation of two generating units of 60,000 k.w. each. In the plan for 1959-60 a sum of Rs. 73.00 lakhs was provided for the construction of camps, excavations of foundations for the main, forming earthern embankments etc., and for placing orders for the purchase of machinery if the scheme is technically cleared by the Planning Commission. The scheme is administratively sanctioned by the State Government and consequent to the agreement reached between the Andhra Pradesh and Orissa Governments with regard to the execution of the scheme, the main civil works were taken up during the year 1959-60 and they were in good progress. Also preliminary works relating to establishment of camps and

communications were taken up during the year and they were also in good progress. In all a sum of Rs. 46.81 lakhs was spent on this scheme till the end of March, 1960.

Rural Electrification :

Electricity is no more a luxury but is widely recognised as a modern economic tool. It invigorates rural life and improves its economy as no other single agency can. Rural electrification has, therefore, an important role to play in increasing the standard of living of over 80% of the total population that live in villages. During the first three years of the Second Plan, 677 towns and villages were electrified and in the current year, it was proposed to electrify, 100 more towns and villages. Towards this and for extension of supply to bulk industrial loads such as Ferro-Managenese Factory at Garividi and Nagarjunasagar etc., a sum of Rs. 100.0 lakhs was provided in the annual plan. During the course of the year, this provision was increased to Rs. 256.00 lakhs and against this a sum of Rs. 304.89 lakhs was spent and 494 towns and villages were electrified.

Investigation of New Projects :

For the investigation of the lower Sagiluru, Nagarjunasagar and Srisailam Hydro Electric Projects, a sum of Rs. 2.00 lakhs was provided in the plan for the year. Against this, a sum of Rs. 5.10 lakhs was spent during the year and the investigation of Lower Sugileru, Srisailam, Tungabhadra High Level Canal power scheme etc., were in progress.

Telangana.

Telangana Hydro Thermal Scheme :

This scheme envisages the creation of a comprehensive electricity grid, for balanced and quick development of power in the Telangana area, comprising 1. Ramagundam Thermal Station, 2. Nizamsagar Hydro Electric Project and 3. Reorganisation of city circle. In the plan for 1959-60 a sum of Rs. 100.59 lakhs was provided for the completion of various items of works in progress at the end of March, 1959. Against

this, a sum of Rs. 155.67 lakhs was spent for completion of 57 miles of 66 k.v. transmission lines, 800 miles of 33 k.v. and 11 k.v., 343 miles of Distribution lines, improvements to the city distribution and for the erection of works on Central Diesel Stations.

Rural Electrification :

Under this scheme, it was proposed to electrify 100 towns and villages during 1959-60 and a provision of Rs. 75.74 lakhs was, therefore, made in the annual plan. During the course of the year, this provision was enhanced to Rs. 100.54 lakhs and against this, a sum of Rs. 93.77 lakhs was spent and 145 town and villages were electrified.

Statement XV shows the financial and physical targets and achievements during the year.

STATEMENT

HEAD OF DEVELOPMENT: *Irrigation and Power.* (Rs. in lakhs)

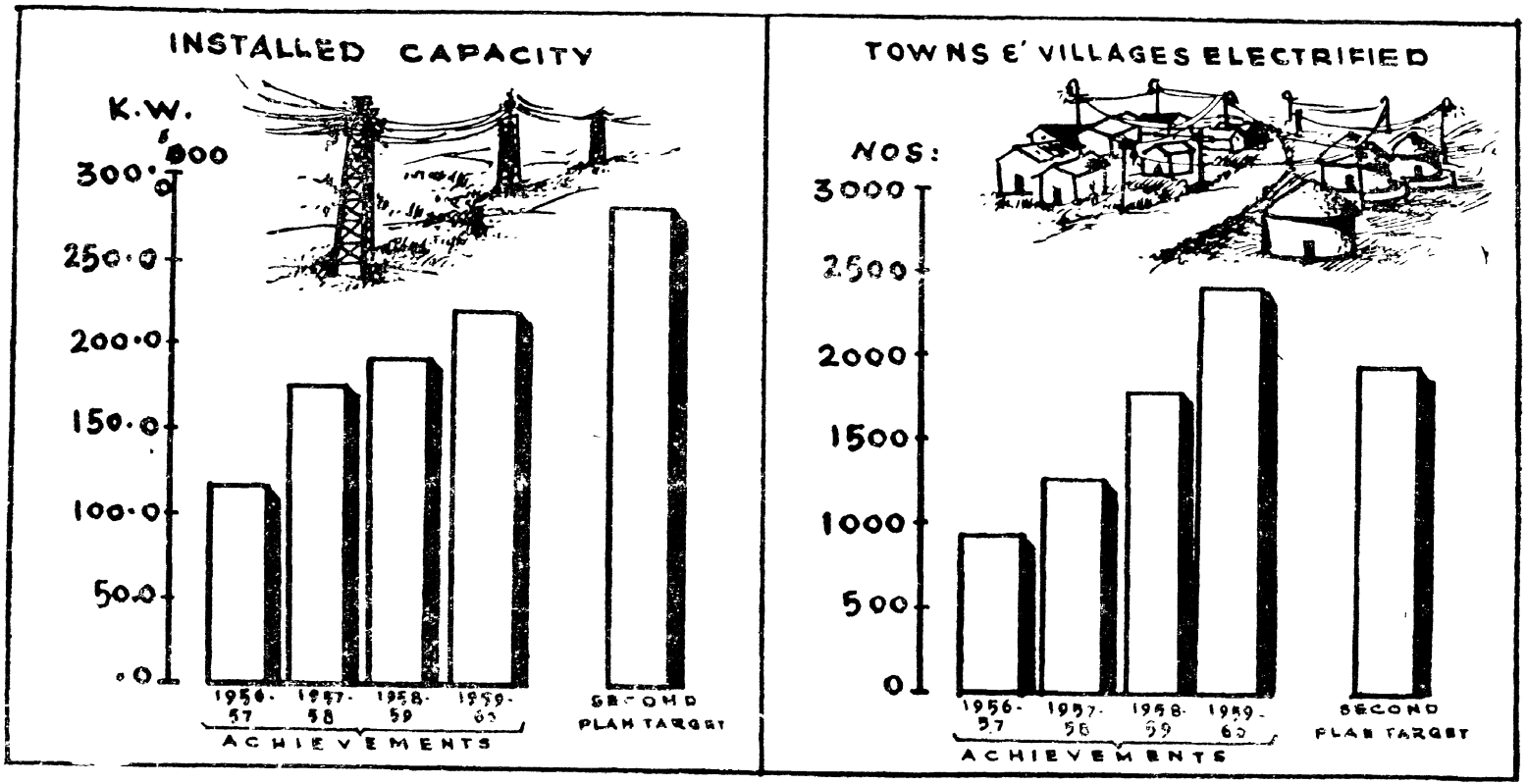
Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provision as revised last	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra.							
1.	Machkund Hydro Electric Scheme including spill over of Nellore Thermal Scheme and Machkund Hydro Electric Scheme second stage	617.25	467.09	198.10	91.62	79.07	29.85
2.	Tungabhadra Hydro Electric Scheme	360.00	222.62	108.95	35.54	5.42	10.20
3.	Tungabhadra Nellore Hydro Thermal Scheme.	194.22	38.09	(—) 9.07	5.56	48.00	25.49
4.	Upper Sileru Hydro Electric Scheme.	175.01	..	0.74	2.55	73.00	46.31
5.	Electrification including extensions costing over Rs. 10 lakhs and extension of supply to bulk loads.	1,072.21	152.15	219.81	245.00	100.00	304.89
6.	Investigation of New Projects	14.79	2.31	4.72	3.45	2.00	5.10
	Total for Andhra ..	2,456.48	882.26	523.25	384.62	307.49	421.84
Telangana.							
1.	Telangana Hydro Thermal Scheme.	500.80	121.66	152.69	..	100.59	155.67
2.	Rural Electrification Scheme	305.07	20.28	79.37	146.97	75.54	93.77
3.	Investigation of new Projects	6.37	0.15	1.22	..	2.00	..
	Total for Telangana ..	812.24	142.09	233.28	146.97	178.13	249.44
	GRAND TOTAL OR A.P. ..	3,268.72	1,024.35	756.53	531.59	485.62	671.28

XV.

SUB-HEAD OF DEVELOPMENT : *Power*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Installed capacity	K.W.	56,525	11,90	..	14,875	29,750	29,750
„	„	28,800	7,200	21,600	..	..	..
	..	..	..	..	..	..	..
	..	..	..	..	..	..	..
Villages to be electrified	No.	950	220	257	..	100	..
Installed Generating Capacity.	K.W.	37,500	..	37,500	..	..	..
Villages to be electrified	No.	300	7	108	..	100	..

POWER


INSTALLED CAPACITY
K.W.
300·000
250·0
200·0
150·0
100·0
50·0
·0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET
TOWNS & VILLAGES ELECTRIFIED
NOS:
3000
2500
2000
1500
1000
500
0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

CHAPTER XIX

Large and Medium Industries

A sum of Rs. 222.00 lakhs was provided in the State's Second Plan for the development of large and Medium Industries in the State. The plan envisaged the expansion of the production capacity of the Andhra Pradesh Paper Mill, Rajahmundry from 10 tons of paper per day to 60 tons per day, expansion of the Government Ceramic Factory, Gudur for the production of H.T. & L.T. electric insulators, starting of Sri Venkateswara Paper and Straw Board Factory with a production capacity of 10 tons of Straw Board per day and the establishment of Five Co-operative Sugar Factories in the State. During the first four years of the Second Plan, the work in respect of the Government Ceramic Factory was completed in all respects and the State's contribution to the share capital of the four co-operative sugar factories was also completed and two of the four factories are expected to commence production from 1960-61 season, while the remaining two are expected to be set up by 1961-62. However, on account of the foriegn exchange difficulties, it was not found possible to purchase and instal the plant and equipment required for the expansion programme of the Rajahmundry Paper Mill. By the end of the year 1959-60, negotiations for the supply of plant and machinery were in final stages. The scheme for the starting of Sri Venkateswara Paper and Straw Board Factory at Tirupathi was also deferred in view of the Government's decision to sell away the factory to a private Firm.

Details of the progress of individual schemes of development of Large & Medium Industries in the State are briefly described below.

Expansion of Andhra Paper Mills, Rajahmundry:

Under this scheme, it was proposed to increase the production capacity of Rajahmundry Paper Mill from 10 tons to 60 tons per day and a provision of Rs. 190.00 lakhs was made in the State's Second Plan. During the course of the first three years, efforts were made to secure

plant and equipment from the foreign countries on a deferred payment or Rupee payment basis. In 1958-59 the State trading Corporation had obtained an offer from the German Democratic Republic to supply the above on a Rupee payment basis but, as this offer was not found acceptable, the arrangements could not be finalised in 1958-59. As a result, only a sum of Rs. 2.40 lakhs was spent on renovations and repairs during the first three years of the plan period. In 1959-60, it was proposed to finalise the arrangements for the purcahse of machinery and equipment required for the expansion programme and a sum of Rs. 70.23 lakhs was provided in the annual plan to meet the part payment to be made to the suppliers. Fresh tenders were invited from about 15 firms and revised tenders were received from the following firms in 1959-60.

(1) M/s. Eusa, Paris, France

(2) M/s. Empacel, Paris, France.

(3) M/s. M. S. K. Tokyo, Japan.

(4) M/s. Gaber, Ballmer Badin, West Germany.

These tenders were examined by the technical scrutiny Committee and negotiations were in progress for finalising the contracts with the successful tenders. A sum of Rs. 1.85 lakhs was spent during 1959-60 towards the cost of some items of equipment required for the existing mills.

Expansion of Government Ceramic Factory, Gudur:

A sum of Rs. 12.67 lakhs was provided in the State's Second Plan for the expansion of the Government Ceramic Factory. Gudur. The scheme envisaged the manufacture of high tension and low tension electric insulators and also substantial improvement in the quantity and quality of sanitary ware produced in the factory. This expansion programme was physically completed by the end of the Third Year but, only an expenditure of Rs. 7.17 lakhs was incurred on the scheme during this period ending March, 1959.

In the annual plan for 1959-60 a provision of Rs. 5.50 lakhs was made towards the payment of cost of plant imported and erected in 1958-59 and also for the working expenses of the factory which has gone into production from April, 1959. However, the accounts could not be settled with the foreign suppliers during the year under

review and an expenditure of Rs. 1.00 lakhs was incurred on the purcahse of stores, machinery and equipment. etc. The production capacity of the plant has been doubled and the manufacture of electric porcelain insulators has been taken up as an additional line of production in 1959-60.

Starting of Sri Venkateswara Paper and Straw Board Mills, Tirupati:

Sri Venkateswara Paper and Straw Board Mills, Tirupathi which was liquidated under private management and taken over by the State Government was proposed to be started as a State enterprise during the Second. plan period. The capital cost of the scheme was placed at Rs. 10.35 lakhs and the unit will have production capacity of 10 tons of Straw Board per day. Much progress, however, could not be made in implementing this scheme during the first two years. A sum of Rs. 1.23 lakhs was spent during 1958-59 towards the purchase of machinery, construction of buildings, etc. During the year 1959-60, it was proposed to continue the construction programme commenced in the previous year and also purcase the machinery and equipment required for the factry and a sum of Rs. 8.12 lakhs was, therefore, provided in the annual plan. The State Government have subsequently received proposals for the purchase of the Mills from a private firm and the Government have also decided to dispose of the Mills. As such further implementation of the development programme was deferred and a sum of Rs. 0.32 lakh was spent during the year 1959-60 for the completion of the Buildings, etc.

Co-operative Sugar Factories :

Under this scheme, it was proposed to establish 5 Co-operative Societies at Chodavaram in Visakhapatnam District, Amadavalasa in Srikakulam District, Palacole in West Godavari District. Chittoor in Chittoor District and Hindupur in Anantapur District during the Second-plan period. The Society at Hindupur was wound up as the promoters were not able to raise the prescribed share capital from the local people. A sum of Rs. 81.19 lakhs was provided in the revised plan towards the State's contribution of share capital to the four Sugar Factories and also the free services of a Deputy Registrar for all the factories. During the year 1957-58 and 1958-59, a

sum of Rs. 48.00 lakhs was spent towards the State's share of the share capital of the Societies at Chittoor, Chodavaram, Palacole and Amadalavalasa. Though no provision was made for this scheme in the annual plan for 1959-60, a sum of Rs. 32.34 lakhs was provided in the revised estimates for the year, out of which Rs. 32.00 lakhs was actually disbursed during the year towards further contributions of the State Government to the share capital of the co-operative factories and thus the plan programme for the contribution of part of the Share capital of the four Co-operative Sugar Factories in the State was completed during the year. As per the arrangements made by the Government of India with consortium set up for the purpose of supplying plant and machinery for the Sugar Factories in the State, two of the Sugar Factories will go into production in 1960-61 season while the remaining two will be erected in 1961-62.

Statement XVI shows the financial and physical targets and achievements.

[*Statement*

STATEMENT

HEAD OF DEVELOPMENT:—*Industries.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (Rs. in Lakhs)					
		Second Plan provision as revised last	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra:							
1.	Expansion of Andhra Paper Mills, Rajahmundry ..	126.62	..	..	2.40	70.23	1.85
2.	Expansion of Government Ceramic Factory, Gudur ..	12.67	2.57	1.81	2.79	5.50	1.00
3.	Starting of Sri Venkateswara Paper and Straw Board Mills, Tirupathi	1.51	..	1.01	1.23	8.12	0.32
Scheme subsequently included:							
4.	Co-operative Sugar Factories.	81.19	0.22	24.23	24.06	..	32.20
Grand Total for Andhra Pradesh.		222.00	2.79	27.05	30.48	83.85	35.37

XVI.

SUB-HEAD OF DEVELOPMENT: *Large and Medium Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENT					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Production of paper ..	Tons/day	50	..	.	..	15	..
Production of Electrical insulators and Crockeries.	Tons/year.	1,000	..	..		300	..
Production of Straw Board.	Tons/day.	10	..	..	.	5	..
Sugar Factories ..	No.	6	..	2	2	..	..

CHAPTER XX

Village and Small Scale Industries.

Towards the development of Village and Small Scale Industries in the State, it was proposed to implement 169 plan schemes during 1959-60 at a cost of Rs. 211.28 lakhs of these 106 schemes costing Rs. 135.87 lakhs were to be implemented in the Andhra Region and 63 schemes costing Rs. 75.41 lakhs in the Telangana Region.

But the following 12 schemes involving a provision of Rs. 8.09 lakhs were either deferred or dropped from the programme for 1959-60.

	Schemes deferred or dropped.	Provision (Rs. in lakhs)
	(1)	(2)
1.	Scheme for hosiery Unit at Guntakal	0.97
2.	Scheme for the establishment of a demonstration silk rearing unit at Madakasira	0.13
3.	Scheme for the deputation of two B.Sc., Graduates for training at the All India Sericulture Institute, Mysore.	0.02
4.	Scheme for training facilities at Hindupur. Palamaner and Chinthalapudi.	0.04
5.	Scheme for the establishment of a twisting Plant.	0.44
6.	Scheme for the establishment of a mulberry marketing section for purchase of cocoons produced in Hindupur.	0.08
7.	Scheme for providing mobile pump-set and motor for irrigation of private mulberry gardens in Hindupur and Palamaner areas.	0.14
8.	Gur and Khandasari Scheme.	0.60
9.	Scheme for the supply of mulberry cuttings to private agriculturists.	0.02

10.	Scheme for the establishment of a sericulture demonstration centre, Siddipet.	0.17
11.	Scheme for the establishment of propaganda station at Nalgonda.	0.02
12.	Scheme for the establishment of eri rearing Centre in Nalgonda.	0.06
	Total	8.09

The following 8 schemes with a provision of Rs. 1.23 lakhs were not implemented during 1959-60 due to certain administrative difficulties.

	Schemes not implemented.	Provision (Rs. in lakhs)
	(1)	(2)
1.	Scheme for giving grants and loans to individual artisans who are dispersed and cannot be organised into Co-operatives.	0.05
2.	Scheme for common production facility centre for Carpet Industry at Eluru.	0.02
3.	Scheme for opening of show cases of handicrafts products at Vijayawada, Tirupathi Anantapur and Warangal Railway Stations.	0.04
4.	Scheme for the deputation of Officers to other States for training in tassur and ericulture.	0.01
5.	Scheme for publicity and propaganda in Sericulture areas of the State.	0.01
6.	Scheme for strengthening of the supervisory Staff at Head office.	0.08
7.	Scheme for the manufacture of Splints and Veneers at Mulug.	0.82
8.	Scheme for mobile Van with staff	0.20
	Total	1.23

But, the following schemes for which there was no provision in the programme for 1959-60 were brought into the plan and implemented out of the savings on other Schemes.

1. Model sheet metal workshop at Uravakonda.
2. General Engineering Workshop at Nandyal.
3. Establishment of an industrial estate at Cuddapah.
4. Collection of Statistics.
5. Scheme for general engineering workshop at Warangal.
6. Fifth All-India Handicrafts week.

Thus, by the end of the Year 1959-60, 155 schemes were in implementation. The expenditure incurred on these schemes during the year amounted to Rs. 125.30 lakhs in the Andhra Region and Rs. 69.22 lakhs in the Telangana Region, exceeding the provision made in the Budget. The details of progress made in respect of each of the schemes implemented during 1959-60, are given below :—

Andhra

Establishment of Six Production-cum-Training Centres in Carpentry at Srikakulam, Eluru, Guntur, Nellore, Cuddapah and Kurnool:

With a view to imparting training to the artisans in the use of improved tools and in the manufacture of quality furniture on improved lines six production-cum-training centres in carpentry were established at Srikakulam, Eluru, Guntur, Nellore, Cuddapah and Kurnool during 1956-57. Each centre was designed to train 12 candidates per year with a provision for payment of stipend at Rs. 30 per month to each trainee during the training period. By the end of 1958-59, 173 candidates underwent training and in the current years plan a sum of Rs. 0.95 lakh was provided for training 82 candidates. This provision was subsequently revised to Rs. 1.60 lakhs and against this a sum of Rs. 2.52 lakhs was spent till the end of March, 1960 and as programmed the targetted 72 candidates have undergone training. The construction of buildings for all these centres has also been completed.

Establishment of six production-cum-training Centres in Blacksmithy at Srikakulam Eluru, Guntur, Nellore, Cuddapah and Kurnool:

Under this scheme, it was proposed to impart training to Blacksmiths in the repair and manufacture of agricultural implements, hand tools etc., on improved lines. Towards this, six production-cum-training centres in Blacksmithy were opened at Srikakulam, Eluru, Guntur, Nellore, Cuddapah and Kurnool during 1956-57. Each centre trains 12 candidates a year and stipends at Rs. 30 per mensem each is paid to the candidates during the period of their training. By the end of 1958-59 175 candidates have undergone training and in the current years plan, a sum of Rs. 0.89 lakh was provided for training 72 candidates. This provision was subsequently revised to Rs. 1.62 lakhs and a sum of Rs. 1.49 lakhs was spent till the end of March, 1960 and the targetted number of 72 candidates underwent training during the year.

Establishment of Training-cum-Production Centre for manufacture of crayons and other plaster products at Rajahmundry:

In order to meet the demand for crayons from schools, colleges and other educational institutions, a production-cum-training centre for the manufacture of crayons and other plaster products was started at Rajahmundry during 1956-57 and by the end of 1958-59, 30 candidates were trained on a stipend of Rs. 20 per mensem per candidate during the training period. In the current year's plan, a sum of Rs. 0.22 lakh was allotted for the continuance of the centre and for training 12 candidates. As programmed, the centre was continued and the targetted number of 12 candidates underwent training and an expenditure of Rs. 0.29 lakh was incurred on the scheme.

Training-cum-Production Centre for the Moulders at Vijayawada:

A production-cum-training centre to impart training to candidates in the improved methods of moulding and casting was started during 1956-57 and by the end of 1958-59, 24 candidates underwent training on a monthly stipend of Rs. 30 each. During the 1959-60 it was proposed to train 12 candidates and to shift the centre to the Industrial State at Vijayawada. Towards this, a sum

of Rs. 0.32 lakh was allotted and against this there was an expenditure of Rs. 0.48 lakh till the end of March, 1960. The targetted number of 12 candidates have undergone training and as programmed the centre was shifted to the Industrial Estate at Vijayawada.

Establishment of Training-cum-Production Centre for the Stoneware and earthenware products at Anakapalle and Vijayanagaram :

Under this scheme two Production-cum-Training Centres for the manufacture of Earthenware and Stoneware products and for imparting training to 10 candidates in each centre on a monthly stipend of Rs. 25 each, were started during 1958-59 at Anakapalle and Vijayanagaram and 8 candidates were trained. In the current year's plan, a sum of Rs. 0.48 lakh was provided for the continuance of the centre and for training 20 candidates. Against this a sum of Rs. 0.49 lakh was spent and the centre was continued besides training the targetted number of 20 candidates. The anticipated receipt of Rs. 0.40 lakh was also realised during the year from the centre.

Manufacture of Scientific Glass Apparatus at Gudur :

A training centre for the manufacture of scientific glass apparatus was established in the premises of Government Ceramic Institute during the year 1957-58 and by the end of 1958-59, 17 candidates were trained. During the current year, it was proposed to train 10 candidates and purchase imported machinery and equipment. Towards this an allotment of Rs. 0.28 lakh was made in the annual plan and a sum of Rs. 0.40 lakh was spent till the end of March, 1960. But only 7 candidates were trained during the year and a sum of Rs. 0.10 lakh was realised by way of receipts from the centre.

Establishment of a mobile carpentry Unit at Chittoor :

The object of this scheme was to demonstrate the use of simple power operated machines and improved tools to the village artisans in order to enable them to improve their production technique. For this purpose, a mobile van with full equipment was purchased. During the year 1958-59, demonstrations were held in six villages and in the current year it was proposed to cover the entire district. Towards this, a sum of Rs. 0.13 lakh was provided in the plan for 1959-60. As programmed demonstrations covering the entire district were held and

the van has since been shifted to Nellore for demonstration in that district. The entire provision of Rs. 0.19 lakh was utilised by the close of the year.

Establishment of Mobile Blacksmithy Demonstration Unit:

With a view to demonstrating the use of modern machines and improved tools to the village artisans engaged in blacksmithy, a van with full equipment was purchased and during the year 1958-59 demonstrations were held in some parts of Karimnagar district. In the current years plan, a sum of Rs. 0.15 lakh was allotted for continuing the demonstration in the reamaining parts of Karimnagar district and for covering some parts of Warangal district. As programmed demonstrations were held in the Karimnagar and Warangal districts.

Starting of a Production-cum-Training centre for enamelware at Gudur :

The scheme was designed to impart training to candidates in the manufacture of enamelware including enamel boards. For this purpose, a production-cum-training centre was established in the vacant site belonging to the Government Ceramic Factory, Gudur prior to 1959-60. In the plan for 1959-60, a sum of Rs. 0.38 lakh was provided for the purchase of imported machinery and for training 10 candidates. But during the year, only a sum of Rs. 0.19 lakh was spent and 6 candidates have undergone training.

Manufacture of Palmyrah brushes at Kakinada :

A training centre for the manufacture of palmyrah brushes was started in a rented building at Kakinada during 1957-58. The centre was subsequently shifted permanently to the Industrial Estate, Samalkot. At this centre, 6 candidates on a stipend of Rs. 20 per mensem each are trained each year in the manufacture of palmyrah brushes. During 1959-60 it was proposed to continue the centre and to train 6 candidates. Towards this a sum of Rs. 0.24 lakh was provided. As programmed six candidates underwent training and an expenditure of Rs. 0.15 lakh was incurred. During the year brushes worth Rs. 0.07 lakh were manufactured.

Graphite Crucible Industry at Rajahmundry :

With a view to starting a centre for the manufacture of graphite crucibles at Rajahmundry and also to carry

on research work on blending graphite required for the crucible industry besides the demonstration on improved methods of manufacture, a permanent building for the centre was constructed during 1958-59 and all the required items of machinery excepting an imported floatation cell were purchased.

Arrangements were made through the National Small Industries Corporation to import the floatation cell. In the current year's plan, a sum of Rs. 0.55 lakh was provided for the purchase of machinery and for the working of the Centre. But the floatation cell was not received during the year. However a sum of Rs. 0.51 lakh was spent on this scheme till the end of March, 1960.

Establishment of Model Leather Goods manufacturing Centre at Vijayawada :

With a view to manufacturing leather goods of improved types and new varieties to suit modern tastes and also to give training to artisans, a model leather goods centre was established and by the end of 1958-59, 24 artisans have undergone training. In the current year, it was proposed to shift the centre permanently to the Industrial Estate at Vijayawada and to train 12 candidates. Towards this, a provision of Rs. 0.75 lakh was made in the annual plan and a sum of Rs. 0.55 lakh was spent till the end of March, 1960. As programmed, the centre was shifted to the Industrial Estate at Vijayawada and the targeted number of 12 candidates underwent training. During the year, a sum of Rs. 0.40 lakh was realised by way of receipts from sales as against the anticipated receipts of Rs. 0.60 lakh.

*Establishment of Production-*cum-*Training Centre in Carpentry at Visakhapatnam :*

Consequent to the establishment of the shipyard and other institutions at Visakhapatnam, the demand for furniture has enormously increased and the need for an up-to-date wood workshop has arisen. In order to meet the heavy demand, a production-cum-training centre was started during 1956-57 and 18 candidates were trained till the end of 1958-59. During the current year, it was proposed to shift the centre permanently to the Industrial Estate at Visakhapatnam and to train 6 candidates. For this purpose, a sum of Rs. 0.90 was provided in the Budget. Against this a sum of Rs. 1.61 lakhs was

spent till the end of March, 1960 and the targets set forth in the annual plan were fully achieved besides realising a sum of Rs. 1.20 lakhs as receipt from the centre as against the anticipated receipts of Rs. 1.00 lakh.

Establishment of a Production-cum-Training Centre in Ceramicware at Dronachalam :

Under this scheme, a production-cum-training centre to produce ceramicware besides training six candidates in the manufacture of stoneware products on improved lines was established at Dronachalam and by the end of 1958-59 the construction of kiln and sheds was completed and the first batch of 5 candidates were trained. In the current year's plan, a sum of Rs. 0.55 lakh was provided for continuing the centre and for training 6 candidates at the Centre. Against this, a sum of Rs. 0.63 lakh was spent and the targeted number of 6 candidates were trained.

Manufacture of Bicycle spare parts at Vijayawada :

Under this scheme, it was proposed to establish a unit at Vijayawada for the manufacture of bicycle spare parts and accessories for which there is great demand in the State as the use of bicycles and cycle rickshaws is on increase. By the end of 1958-59, the construction of the permanent building for the centre in the Industrial Estate at Vijayavada was taken up. In the current year's plan a sum of Rs. 1.61 lakhs was provided for the completion of the building, purchase of imported machinery and for working of the centre. The construction of the building was completed and the centre was shifted to the building in the Industrial Estate at Vijayavada and the various parts are being manufactured by the end of March, 1960. A sum of Rs. 1.53 lakhs was spent on this scheme and 6 candidates underwent training in the manufacture of the bicycle spare parts, etc.

Establishment of a workshop for the manufacture of builder's hardware at Dowlaiswaram :

Under this scheme, a workshop was set up at Dowlaiswaram for the manufacture of builders hardware and building materials such as tower bolts, barrel bolts, hinges, eyes, hooks etc., and for providing training facilities for 6 candidates a year. During the year 1959-60 it was proposed to continue the centre and train 6 candidates and for this purpose a sum of Rs. 1.75 lakhs was provided in

the annual plan. As programmed the centre was continued and the targeted six candidates were trained and an expenditure of Rs. 1.64 lakhs was incurred on the scheme.

Establishment of a model tannery and foot-wear manufacture centre at Eluru :

Under this scheme it was proposed to establish a model tannery with a footwear manufacturing unit attached to it and to train artisans in the manufacture of finished leather and footwear. During 1958-59 the centre was started in a rented building and 20 candidates were given training. In the current year's plan, a sum of Rs. 3.27 lakhs was provided for the construction of buildings, purchase of machinery and equipment and for training 20 candidates. But during the year only a sum of Rs. 0.32 lakh could be spent and the targeted 20 candidates have undergone training.

Establishment of a Model Tannery at Guntakal :

With a view to producing leather goods of superior quality and for imparting training to 12 candidates a year on a monthly stipend of Rs. 20 each. it was proposed under this scheme to establish a model tannery at Guntakal. During the year 1958-59 the construction of the buildings was taken up and the programme for 1959-60 included the completion of the buildings, purchase of machinery and equipment at a cost of Rs. 1.31 lakhs. Against this only a sum of Rs. 0.40 lakh could be spent on this scheme till the end of March, 1960. During the year a part of the machinery and equipment ordered for was received and imported items of machinery are expected to be received in the next year.

Establishment of a tile Production-cum-training centre at Pendurthi :

Under this scheme, it was proposed to start a small tile factory at Pendurthi for producing 2000 tiles a day and providing facilities to train six candidates a year on a monthly stipend of Rs. 30 each. During the year 1958-59, the construction of the permanent buildings and kiln was completed and in the current year, a sum of Rs. 0.40 lakh was provided for working of the centre and for training 6 candidates. As programmed the centre has gone into production and the targeted number of 6

candidates have undergone training incurring an expenditure of Rs. 0.37 lakh.

Establishment of a Stoneware Pipe Manufacturing Unit at Rajahmundry :

This scheme aims at the establishment of a small factory at Rajahmundry for the manufacture of stoneware pipes. During the year 1958-59 the premises and the building of the now defunct East Coast Ceramics Company were acquired and the construction of the kiln was completed and most of the machinery was received. In the current year's plan, a sum of Rs. 1.69 lakhs was provided for the purchase of pipes, press, effecting alterations to the building and for the working of the Centre. During the year, the centre has gone into production and the foreign pipes, press etc., ordered for the schemes are expected to be received in the year 1960-61. A sum of Rs. 2.20 lakhs was spent on this scheme till the end of March, 1960.

Establishment of two general purpose Engineering Workshops at Cuddapah and Tadepalligudem :

Under this scheme, it was proposed to establish two well equipped general engineering workshops at Cuddapah and Tadepalligudem to undertake repairs to oil engines, pumps, automobiles etc. and to provide facilities for the fabrication of simple agricultural implements, etc., required by the agriculturists and industrialists. By the end of the year 1958-59, the construction of the buildings at both the places to locate the workshops was completed and the machinery and equipment were received. During the current year, it was proposed to start the workshops and towards this a sum of Rs. 0.53 lakh was provided. Against this a sum of Rs. 1.95 lakhs was spent till the end of March, 1960 and implements worth Rs. 0.07 lakh were produced.

Manufacture of Low Loss Ceramicware and Radio components at Gudur :

Under this scheme, it was proposed to establish a unit to manufacture low loss ceramicware and radio components, in the premesis of Ceramic Factory at Gudur. Towards the construction of buildings and purchase of machinery and equipment a sum of Rs. 0.87 lakh was provided in the annual plan for 1959-60. During the year the construction of the permanent buildings was taken up and orders have been placed for the machinery required.

In all, a sum of Rs. 0.10 lakh was spent till the end of March, 1960.

Establishment of Small Scale and Cottage Industries Research Institute, Vijayawada :

With a view to developing the Cottage and Small Scale industries by designing new machines and appliances and by evolving new processes wherever possible, it was proposed under this scheme to establish a research institute at Vijayawada. By the end of 1958-59, the construction of the building for the centre was in progress in the Industrial Estate at Vijayawada and in the current years plan a sum of Rs. 0.85 lakh was provided for the completion of the building and for the purchase of machinery and equipment. The construction of the building was completed and the centre was expected to commence work soon after the research officer is appointed. A sum of Rs. 0.65 lakh was spent on this scheme till the end of March, 1960.

Block Loans for disbursement under State Aid to Industries Act :

With a view to developing the Small Scale and Cottage industries, it was proposed to grant loans under the State Aid to Industries Act. Towards this, a sum of Rs. 14.00 lakhs for disbursement of loans to the extent of Rs. 7.00 lakh in each of the two regions of the State, was allotted in the annual programme. Against this, a sum of Rs. 3.78 lakhs was disbursed as loans till the end of March, 1960.

Strengthening the Directorate and District Staff :

To cope up with the increased work during the second plan period the Industries Department was strengthened both at the State level and district level by the appointment of technical and ministerial staff. Towards the continuance of this staff and for appointing some more additional staff, a sum of Rs. 2.25 lakhs was provided in the current year's plan. Against this a sum of Rs. 2.45 lakhs was spent till the end of March 1960.

Provision for the salaries of the Extension Officers (Industries) Posted in the Blocks :

Towards meeting the salaries of the Extension Officers (Industries) employed in the Community Development Blocks of Andhra Pradesh, a sum of Rs. 6.06 lakhs was

allotted in the plan for 1959-60. Against this a sum of Rs. 2.20 lakhs was spent during the year under review.

Scheme for the manufacture of Steel Trunks at Ramachandra puram :

Under this scheme, it was proposed to establish a unit for the manufacture of Steel Trunks, at Ramachandrapuram. For the construction of buildings and purchase of machinery and equipment, a sum of Rs. 0.32 lakh was provided in the annual plan for 1959-60. The construction of the buildings was taken up and some items of machinery were received during the year. A sum of Rs. 0.05 lakh was spent on this scheme till the end of March, 1960.

Scheme for the Manufacture of Photo frames, Electric casing, Cart wheels, Furniture, etc., at Kakinada :

This scheme is intended to establish a unit for the manufacture of photo frames, electric casing, cart wheels, furniture etc., on modern methods, at Kakinada. For the construction of buildings and for the purchase of machinery etc., a sum of Rs. 1.50 lakhs was provided in the plan for 1959-60. During the year, the items of machinery were received and the construction of the building was in progress. A sum of Rs. 0.26 lakh was spent on this scheme till the end of March, 1960.

Supply of Jeeps to Assistant Directors of Industries and Commerce :

With a view to enabling the Assistant Directors of Industries and Commerce to move quickly for frequent supervision and technical assistance to the departmental staff concerned for the speedy and effective implementation of the plan schemes, 11 Jeeps were supplied to the Assistant Directors and for the maintenance of these Jeeps during 1959-60, a sum of Rs. 0.30 lakh was provided in the annual plan. But a sum of Rs. 0.48 lakhs was spent on this scheme till the end of March, 1960.

Scheme for the manufacture of locks at Tadukupeta :

Under this scheme, it was proposed to establish a unit at Tadukupeta in Chittoor district, for the manufacture of locks and in the plan for 1959-60, a sum of Rs. 1.30 lakhs was provided for the construction of buildings and purchase of machinery. During the year under review, the construction of the buildings was taken up

and orders were placed for the purchase of machinery, some of which received before the close of the year. A sum of Rs. 0.29 lakh was spent on this scheme till the end of March, 1960.

Scheme for the establishment of a tool room servicing Centre at Visakhapatnam :

Under this scheme, it was proposed to establish a tool room shop at the Industrial Estate in Visakhapatnam. Towards the construction of the buildings and for the purchase of machinery, a sum of Rs. 3.83 lakhs was provided in the plan for 1959-60. The construction of the buildings was taken up and the machinery required was received by the end of 1959-60. A sum of Rs. 2.57 lakhs was spent on this scheme till the end of March, 1960.

Establishment of a raw material servicing centre at Visakhapatnam :

In order to serve the needs of the small industrialists of Visakhapatnam and in particular to the tenant industrialists of the Industrial Estate at Visakhapatnam, it was proposed to set up a raw materials servicing centre. Towards this a sum of Rs. 2.10 lakhs was provided in the annual plan for 1959-60. By the end of March, 1960 the construction of the building was in progress and steps were taken to appoint the personnel required for the centre. A sum of Rs. 0.85 lakh was spent on this scheme till the end of March, 1960.

Establishment of a metal workshop at Uravakonda :

Under this scheme it was proposed to establish a Training-cum-Production centre at Uravakonda in district for the manufacture of different articles out of sheet metal using the power driven machines besides training 6 artisans on a monthly stipend of Rs. 30 each. Originally no provision was made for this scheme in the annual plan for 1959-60, but subsequently a sum of Rs. 0.99 lakh was allotted for the construction of the buildings and for the purchase of machinery. Against this a sum of Rs. 0.06 lakh was spent till the end of March, 1960.

Scheme for the establishment of ~~two~~ three general engineering servicing workshops at Nandyal ~~and~~ Samalkot

Under this scheme it was proposed to establish ~~two~~ general engineering workshops at Nandyal ~~and~~ Samalkot

to serve as servicing centres to the small industrialists of the places and in particular to the tenant industrialists of Industrial Estate at Nandyal and Samalkot. Originally no provision was made for this scheme in the plan for 1959-60, but subsequently a sum of Rs. 4.18 lakhs was provided from out of the savings on the schemes deferred, for the construction of the buildings and for the purchase of machinery and equipment. By the end of 1959-60, some of the items of machinery and equipment were received and the construction of the buildings was in progress. An expenditure of Rs. 1.34 lakhs was incurred on the scheme till the end of March, 1960.

Industrial Estate at Visakhapatnam :

By the end of 1958-59 an extent of 51.2 acres of land was acquired and out of 33 factory buildings proposed to be constructed, 20 factory buildings were completed with all amenities and in the 1959-60 plan a sum of Rs. 16.00 lakhs was provided for the completion of the remaining factory buildings. Against this a sum of Rs. 9.48 lakhs was spent and the construction of the remaining 13 factory buldings was nearing completion by the close of the year.

Industrial Estate at Vijayawada :

A suitable site measuring 53.93 acres was acquired and under the first phase of development, 10 factory buildings were completed with all amenities by the end of March, 1959. In the current year's plan a sum of Rs. 9.00 lakhs was provided for the completion of the 8 factory buildings taken up in the previous year. Against this a sum of Rs. 8.70 lakhs was spent till the end of March, 1960 and the factory buildings were nearing completion.

Industrial Estate at Samalkot :

During 1957-58 an extent of 10.75 acres was acquired for the construction of 24 factory buildings out of which 14 buildings were taken up and completed during 1958-59. In the current year's plan a sum of Rs. 4.00 lakhs was provided for the construction of the remaining 10 factory buildings. During the year the construction work was taken up and a sum of Rs. 2.76 lakhs was spent.

Industrial Estate at Nandyal :

During the year 1958-59 an extent of 9.01 acres of land was acquired and preliminary arrangements for

the construction of the factory buildings were completed. In the current year's plan a sum of Rs. 2.50 lakhs was provided for the construction of these ten factory buildings. Against this a sum of Rs. 2.45 lakhs was spent till the end of March, 1960 and the construction work was completed.

Industrial Estate at Cuddapah :

Originally no provision was made for this scheme. Subsequently, this scheme was included in the plan programme and the expenditure was proposed to be met from out of the savings on the other schemes. During the year a suitable site was acquired and the preliminaries for the construction of factory buildings was completed and a sum of Rs. 1.48 lakhs was spent till the end of March, 1960.

Establishment of Production-cum-Training Centre for Wooden Toys at Tiruchunur :

With a view to imparting training to six artisans a year in the manufacture of wooden toys on improved lines, a production-cum-training centre was started at Tiruchunur in 1956 and by the end of 1958-59, 18 artisans underwent training. In the current year's plan, a sum of Rs. 0.17 lakh was provided for training six more artisans. During the year, a co-operative society was formed as a followlup measure and the targetted number of six artisans have undergone training incurring an expenditure of Rs. 0.06 lakh. Goods worth Rs. 0.037 lakh were also produced and sold during the year.

Establishment of a Production-cum-Training Centre for the manufacture of Bamboo and Ratton Basket Making :

In order to impart training in Bamboo and Ratton Basket making crafts to heriditary artisans on stipendary basis, three production-cum-training centres were established during 1957-58, at Nellore, Kodur and Thummapalle and by the end of 1958-59, 57 candidates have undergone training. In the current year's plan, it was proposed to convert these centres into Co-operative Societies and to give financial assistance towards the share capital and working capital of these societies. The entire provision of Rs. 0.18 lakh made for this scheme was utilised by the end of the year and as programmed the three centres were converted into Co-operative Societies. In addition, goods worth Rs. 0.061

lakh were produced and goods worth Rs. 0.044 lakh were sold during the year under review.

Establishment of a sales emporium for village and Cottage Industries products at Tirupathi :

With a view to developing Cottage Industries and popularising their products, a sales emporium was started during 1957-58 at Tirupathi. This emporium will provide marketing facilities for the finished articles of cottage and village industries and other handicrafts besides stimulating production. Towards the continuance of this emporium during 1959-60, a sum of Rs 0.19 lakh was allotted in the annual plan. Against this a sum of Rs. 0.47 lakh was spent on this scheme till the end of March, 1960 and the excess expenditure was reappropriated from out of the savings on the other schemes. During the year goods worth Rs. 0.346 lakh were produced and goods worth Rs. 0.382 lakh were sold.

Establishment of a Production-cum-Training Centre for wooden toys at Etikoppaka in Visakhapatnam District :

With a view to imparting training to candidates in the manufacture of wooden toys on improved lines, a production-cum-training centre was started during 1957-58 at Etikoppaka in Visakapatnam district. By the end of March, 1959, 24 candidates underwent training and in the current year it was proposed to train 12 more candidates and to convert the centre into a Co-operative Society so as to absorb the trainees. As programmed the centre was converted into a Co-operative Society during the year and articles worth Rs. 5,203 were produced, while the sales effected amounted to Rs. 44 12/-. A sum of Rs. 0.17 lakh was spent on this scheme till the end of March, 1960 as against a provision of Rs. 0.19 lakh.

Development of Bamboo Basket Making Industry at Guntakal and Araku :

In order to impart training in the manufacture of Bamboo basket making on stipendiary basis 2 centres were started at Guntakal and Araku and by the end of March, 1959,20 candidates underwent training. During the year 1959-60, it was proposed to convert these centres into Co-operative Societies and to give financial assistance to them for the share capital and working capital. Towards this a sum of Rs. 0.14 lakh was

allotted in the annual plan and against this, there was an expenditure of Rs. 0.10 lakh till the end of March 1960. As programmed the two centres were converted into Co-operative Societies and articles worth Rs. 1,939 were produced.

Establishment of a Wool processing and dyeing centre at Eluru :

Eluru has been famous for woolen pile carpet weaving industry and as the quality of carpets produced has been deteriorating for want of supply of good quality wool, a wool processing and dyeing centre was established during 1958-59. Towards the continuance of the centre a sum of Rs. 0.19 lakh was provided in the annual plan for 1959-60. As programmed the centre was continued during the year and articles worth Rs. 69,733 were produced and a number of old traditional designs which were very popular in the Carpet market have been chosen. A sum of Rs. 0.19 lakh was spent on this scheme till the end of March, 1960.

Establishment of a Production-cum-Training Centre for ivory and horn articles at Visakhapatnam :

With a view to organising a training-cum-production centre at Visakhapatnam for the manufacture of horn and ivory articles of artistic beauty on Co-operative lines and to impart training to candidates, a production-cum -training centre was established during 1958-59 and six candidates have undergone training. It was proposed to continue the centre and to train six more candidates during the current year and for this purpose a sum of Rs. 0.06 lakh was allotted in the annual plan. The entire provision was spent and the targets were fully achieved. Goods worth Rs. 2,840 were produced during the year.

Establishment of Inter state Marketing Section in the Central Sales Emporium at Vijayawada :

Under this scheme it was proposed to give impetus to interstate trade besides encouraging the increased production and profitable marketing of the finished goods of the various cottage and village industries in the State and for this purpose an interstate marketing section was established in the central Sales Emporium at Vijayawada during 1958-59.Towards the continuance of this during 1959-60 a sum of Rs. 0.22 lakh was provided in

the current year's plan. Against this a sum of Rs. 0.20 lakh was spent and as programmed the centre was continued and goods worth Rs. 0.33 lakh were purchased from other states and other agencies and goods worth Rs. 0.17 lakh were sold during this period.

Development of Kondapalli Toys :

In order to organise the artisans engaged in the manufacture of toys at Kondapalli on Co-operative lines and also to impart training to new entrants, a Co-operative Society was organised and 11 candidates were trained during 1958-59. For the continuance of this centre during 1959-60 and to train 12 candidates, a sum of Rs. 0.10 lakh was allotted in the annual plan. As programmed the centre was continued and the targetted number of 12 candidates have undergone training incurring an expenditure of Rs. 0.09 lakh.

Development of Asia rumal Weaving at Chirala :

For the development of weaving of Asia rumals by bringing the looms engaged in the weaving of Asia rumals, a co-operative society with 20 looms was organised during 1958-59 at Chirala in Guntur district. A sum of Rs. 0.13 lakh was provided in the annual plan for 1959-60 for its continuance during the year. The entire provision was spent by the close of the year and articles worth Rs. 0.21 lakh were produced and articles worth Rs. 0.25 lakh were sold.

Development of Kalamkari Printing Industry at Masulipatnam :

Towards the revival and development of Kalamkari Industry at Masulipatnam, a Kalamkari printing unit was established during 1958-59. Towards the continuance of this unit and for training 4 candidates, an allotment of Rs. 0.07 lakh was made in the annual plan. Against this only a sum of Rs. 0.11 lakh was spent and the targets set forth in the annual plan were achieved. During the year, goods worth Rs. 0.10 lakh were produced.

Opening of one Class-II procurement sales depot at Visakhapatnam :

In order to provide marketing facilities for the handicraft, cottage and village industries products, one sales depot was opened at Visakhapatnam during 1958-59. Towards its continuance during 1959-60, a sum of Rs.

0.37 lakh was provided in the annual plan. Against this there was an expenditure of Rs. 0.46 lakh till the end of March, 1960 for the continuance of the centre. The sales effected during the year amounted to Rs. 0.26 lakh.

Development of Musical Instruments making at Bobbili and Jaggayyapet :

Under this scheme, it was proposed to establish two manufacturing centres for musical instruments. During 1958-59 one centre was established at Bobbili and in the current year a sum of Rs. 0.13 lakh was provided for the continuance of this centre and for opening the other centre at Jaggayyapeta. As programmed the Centre at Bobbili was continued and a centre was opened at Jaggayyapeta at a cost of Rs. 0.05 lakh.

Development of Quilt Industry at Kuppam :

To develop the quilt Industry at Kuppam manufacturing centre was started during 1958-59 and in the current year's plan a sum of Rs. 0.03 lakh was provided for the continuance of the centre on Co-operative lines. The entire provision was spent and articles worth Rs. 1.16 lakhs were produced and articles worth Rs. 1.18 lakhs were sold during the year under review.

Facilities for Training and starting of a Co-operative Centre for wooden spoons, etc., at Udayagiri :

Udayagiri is famous for its specialised handcarving and fret designing on woods. It was therefore proposed to organise a Co-operative Society for developing this craft. Towards this a sum of Rs. 0.07 lakh was provided in the annual plan for 1959-60 and the entire provision was utilised by the end of the year. As programmed a co-operative society was organised and articles worth Rs. 0.109 lakh were produced while sales effected amounted to Rs. 0.085 lakh. The society is expected to take up production of utility items of furniture out of the Pala Bariya wood available in the adjoining forests.

Copying of temple designs to be used in Handicrafts :

Handicrafts had their birth in religious shrines. The old temples display the great skill and workmenship of the old martins. It was therefore proposed to obtain these designs for using them for the craftsmen and artists. Towards this a sum of Rs. 0.05 lakh was provided. But

only a sum of Rs. 0.01 lakh was spent on this scheme during the year.

Opening of one Class-II Procurement-cum-Sales Depot at Anantapur :

With a view to expanding the marketing facilities of the Handicrafts, it was proposed to establish one Class II procurement-cum-sales depot at Anantapur. For this purpose, a sum of Rs. 0.25 lakh was provided in the plan for 1959-60. As programmed the emporium was opened and started functioning and the sales effected during the year amounted to Rs. 0.095 lakh. A sum of Rs. 0.11 lakh was spent on this scheme till the end of March, 1960.

Scheme for musical instruments industry at Pithapuram :

Pithapuram is a place traditionally noted for making shahnai and similar musical instruments. It was, therefore, proposed to start a centre for developing this industry and towards this a provision of Rs. 0.05 lakh was provided in the annual plan for 1959-60. As programmed a co-operative society was formed and six candidates were trained. The society has produced articles worth Rs. 0.015 lakh during this period. There was an expenditure of Rs. 0.02 lakh on this scheme till the end of the year.

Establishment of a Common Production facility centre in Kalamkary Industry at Masulipatnam :

Under this scheme, it was proposed to construct a common facility shed where some of the important processories can be centralised and the printers may be able to work under ideal conditions. Towards this a sum of Rs. 0.05 lakh was provided in the plan for 1959-60 and the entire provision was spent by the close of the year. The construction of the shed was in progress by the close of the year.

Establishment of a Common Production facility centre for Bamboo at Araku :

Under this scheme, it was proposed to construct a common production facility centre for Bamboo at Araku for the benefit of the Bamboo craftsman. Towards this, a sum of Rs. 0.05 lakh was allotted in the current years plan and against this, there was an expenditure of

Rs. 0.04 lakh till the end of March, 1960. The construction of the centre was in progress by the end of March, 1960.

Establishment of a Grainage at Hindupur :

With a view to augmenting silk worm seed production in the State by providing facilities for the supply of disease-free silk worm seeds to the ryots having mulbery plantations, a grainage was established at Hindupur during 1956-57. Towards its continuance a sum of Rs. 0.06 lakh was provided in the annual plan for 1959-60 The entire provision was utilised by the end of March, 1960 and 0.47 lakh disease-free layings, as against the target of 0.60 lakh, were produced.

Establishment of a basic seed farm at Hindupur :

A mulbary basic seed farm was established during 1956-57 over an area of 5 acres at Hindupur to produce local basic seed and seed cocoons required for cross breeding work. It was proposed to continue the seed farm and to produce 4 lakhs of seed cocoons and towards this a sum of Rs. 0.02 lakh was provided in the annual plan for 1959-60. The entire provision was spent and 3.43 lakh seed cocoons were produced during the year under review.

Providing facilities to the existing Government Silk Farm at Palamaner :

Under this scheme, one rearing house and a well were constructed and a two acre mulbary garden was established to intensify the rearing of foreign races under improved conditions for purposes of cross breeding. During the year 1959-60 it was proposed to produce 2 lakh foreign race seed cocoons and towards this a sum of Rs. 0.02 lakh was provided in the annual plan. Against this a sum of Rs. 0.09 lakh was spent on this scheme and 1.72 lakh foreign race seed cocoons were produced.

Establishment of reeling units at Hindupur and Palamaner:

This scheme envisages the provision of marketing facilities to the sericulturists of Anantapur and Chittoor districts. For this purpose 2 reeling units were established at Hindupur and Palamaner to purchase the cocoons produced by the sericulturists by on the spot payment and to reel the silk departmentally. In the current

year's plan, a sum of Rs. 0.20 lakh was provided for the continuance of these two centres and for the purchase of about 10,000 lbs. of cocoons. Against this there was an expenditure of Rs. 0.19 lakh during the year and 38.14 lbs. of Cocoons were purchased and 280 lbs. of silk was produced.

Establishment of a graft nursery at Hindupur :

In the Plan for 1959-60 a sum of Rs. 0.11 lakh was provided for the production of 2 lakhs of mulberry grafts at the Grafts Nursery at Hindupur. An expenditure of Rs. 0.11 lakh was incurred and 0.55 lakh mulberry grafts were produced.

Establishment of an experimental eri-seed farm at Peapalli :

Towards the development of eri-silk industry on an experimental basis, one seed farm was established at Peapalli. In the plan for 1959-60, a sum of Rs. 0.05 lakh was provided for the production of 1,000 lbs., of eri-cocoons. Against this a sum of Rs. 0.09 lakh was spent and 800 lbs., of eri-cocoons were produced.

Introduction of sericulture as basis craft in two schools :

During the year 1957-58, sericulture was introduced as a basic craft in the basic school at Sevamandir near Hindupur and the Higher Elementary School in Chinthaparthy of Chittoor district where practical instructions on mulberry cultivation and silk worm rearing are given to the school boys by practical methods. This scheme was continued during 1959-60 also and a sum of Rs. 0.02 lakh, provided for this scheme, was spent.

Provision of Technical Assistance to sericulturists in Hindupur and Madakasira taluks of Anantapur district :

The scheme was intended to afford necessary technical assistance and training facilities to the sericulturists of Hindupur area. During the year 1958-59 six candidates were trained and an area of 711 acres was brought under mulberry cultivation. A sum of Rs. 0.07 lakh was provided in the current year's plan and it was proposed to bring an area of 60 acres of land under mulbery cultivation. The entire provision was spent and the targeted area was brought under mulberry cultivation during the year under review.

Establishment of a Propaganda Station for the Expansion of Mulberry cultivation and production of Cocoons in Chittoor district:

This scheme is intended to afford technical assistance to the ryots of Palamaner, Punganoor and Vayalapad in Chittoor district for mulberry cultivation and during the year 1958-59 an area of 20 acres was brought under mulberry cultivation and 3180 lbs. of cocoons were produced. In the current year's plan a sum of Rs. 0.02 lakh was provided for extending the mulberry cultivation to 100 acres. The entire provision was spent and an area of 81.35 acres of land was brought under cultivation till the end of March, 1960 and 8776 lbs. of cocoons were produced.

Establishment of a Chawki rearing unit at Punganoor:

In the plan for 1959-60 a sum of Rs. 0.05 lakh was provided for rearing and distributing 10,000 layings at Chawki Rearing Unit at Punganoor. The entire provision was utilised and 12.890 layings were reared and distributed till the end of March, 1960.

Provision of reeling and irrigation facilities to the farm at Chintalapudi:

With a view to providing reeling and irrigation facilities to the silk farm at Chintalapudi in West Godavari district, a pumpset with a motor and a reeling unit were provided in this farm during 1958-59. During the current year, a sum of Rs. 0.05 lakh was provided for continuing these facilities. Against this a sum of Rs. 0.05 lakh was spent and an area of 36 acres was brought under cultivation.

Establishment of basic foreign race seed farm at Chintalapalli:

A foreign race seed farm was established during 1958-59 at Chintalapalli. This farm is intended to rear univoltine races of silk worms and to produce basic seed cocoons both for the preparation of silk worm seeds and for the maintenance of races in the Station and for multiplication purposes in other forms. Originally no provision was made for this scheme in the annual plan but subsequently a sum of Rs. 0.15 lakh was provided for this scheme and a sum of Rs. 0.19 lakh was spent by the close of the year. Against the target of 3.0 lakhs of

foreign race seed Cocoons 1.11 lakh cocoons were produced. Besides 2614 FRDFLs were reared, 28 lbs. of silk and 19 lbs. of silk waste were also produced.

Establishment of Demonstration Silk Farm at Araku Valley :

The scheme is intended for the maintenance of a demonstration silk farm at Araku Valley which has got vast potentialities for the development of silk industry. During the year 1958-59, the construction of one rearing house and one reeling shed have been taken up and a sum of Rs. 0.16 lakh was provided in the plan for continuing the scheme. Against this, a sum of Rs. 0.17 lakh was spent and the construction work was in progress at the close of the year. During the year, 61 acres of land was brought under cultivation and 345 lbs. of Cocoons were harvested.

Establishment of Central Tassur Seed Station at Venkatapuram :

Under this scheme, a central tassur seed farm was established at Venkatapuram to produce tassur seed cocoons and sell them to the rearers at subsidised rates and to start a reeling demonstration unit. In the plan for 1959-60, a sum of Rs. 0.17 lakh was provided for the continuance of this scheme. The entire provision was spent and 1.12 lakh tassur seed cocoon were produced by the end of March, 1960.

Scheme for providing irrigation facilities and incubator to Government silk farm in Chintapalli for production of foreign race cocoons for basic purposes :

Under this scheme, it was proposed to construct a well and purchase an incumbator to Government Silk Farm, Chintapalli. Originally no provision was made for this scheme in the annual plan, but subsequently a sum of Rs. 0.19 lakh was provided by readjustment of the plan provision. A sum of Rs. 0.12 lakh was spent. The construction of the well was in progress and the incumbator was purchased during the year.

Scheme for providing irrigation facilities to Government Silk Farm at Araku Valley :

With a view to providing irrigation facilities to Government Silk Farm at Araku Valley, it was proposed to construct a well during 1959-60. For this purpose a sum

of Rs. 0.14 lakh was provided in the annual plan and there was an expenditure of Rs. 0.10 lakh till the end of March, 1960 and the construction of well was in progress.

Establishment of mulberry nurserry for supply of sapplings at Palamaner :

The scheme is intended to provide enough seed cuttings to the sericulturists for extension works. A sum of Rs. 0.10 lakh was allotted in the current year's plan for the supply of 20 lakhs of sapplings. Against this a sum of Rs. 0.10 lakh was spent during the year and one acre of land was reclaimed and seedlings were planted.

Providing Incubator for the Government Silk Farm at Hindupur :

With a view to equipping the basic seed farm at Hindupur with an incubator for having an uniform hatching of silk worm eggs by regulating temperature, it was proposed to purchase an incubator during 1959-60 and for this purpose an allotment of Rs. 0.05 lakh was provided. The incubator was purchased and a sum of Rs. 0.05 lakh was spent on this scheme till the end of March, 1960.

*Establishment of a Production-*cum*-training Centre at Mogalthuru :*

With a view to utilising the Coconut husks for industrial purposes instead of using them as fuel, the State Government have started a production-*cum*-training centre at Mogalthuru during 1956-57 and by the end of 1958-59, 24 candidates were given training. In the current year, it was proposed to train 12 more candidates and towards this a sum of Rs. 0.11 lakh was provided. The entire provision was utilised and the targeted 12 candidates have undergone training during the year.

*Establishment of a Production-*cum*-Training Centre at Tallarevu, Antervedi and Komaragipatnam*

With a view to developing the Coir Industry in the State, three production-*cum*-training centres were started at Tallarevu, Antervedi and Komaragiripatnam in East Godavari district. At these centres, training will be given to candidates in the improved methods of manufacture of coir products. By the end of 1958-59, 36 candidates have undergone training and in the current year, it was proposed to train 36 more candidates and

towards this a provision of Rs. 0.55 lakh was made in the plan for 1959-60 and a sum of Rs. 0.90 lakh was spent. The targetted number of 36 candidates have undergone training.

Establishment of Production Wing in the Government Coir School, Baruva :

A wing for the production of Coir goods on Commercial lines was set up during 1957-58 in the coir Industrial School, Baruva and it was continued during the year 1958-59. Towards the continuance of this during 1959-60, a sum of Rs. 0.20 lakh was provided in the annual plan and against this there was an expenditure of Rs. 0.24 lakh till the end of March, 1960. During the year coir products worth Rs. 0.20 lakh were produced.

Scheme for the manufacture of Bristle and mattress near Amalapuram :

Under this scheme it was proposed to start a production centre at Amalapuram in East Godavari district for the manufacture of bristle and mattress. Towards the construction of buildings, purchase of machinery and equipment and to start the centre, a sum of Rs. 0.65 lakh was provided in the annual plan. But only a sum of Rs. 0.17 lakh was spent till the end of March, 1960. The construction of the building was in progress and the equipment required is being fabricated locally.

Provision for Industrial Co-operatives :

This scheme was intended to ensure that village industries consolidate their position, improve their technique and thereby increase production. For this purpose certain schemes like opening of ten centres for the development of hand-pounding rice industry through Co-operations, grants towards working capital and establishment charges for Kalankari printing industry, financial assistance to Guntur Blacksmith Co-operative Society towards the purchase of improved implements subsidies to cottage industrial Co-operatives towards purchase of equipment etc., were formulated and till the end of 1958-59 a sum of Rs. 2.72 lakhs was spent. In the current year's plan a provision of Rs. 1.58 lakhs was made for continuing the scheme and against this, a sum of Rs. 3.48 lakhs was spent till the end of March 1960.

Share Capital and working capital loans to primary weaver's Societies :

This scheme is intended for advancing loans to weavers to enable them to contribute to the share capital of the weavers societies and become members. A sum of Rs. 2.25 lakhs was provided in the annual plan for admitting 5,000 looms by advancing share capital loans. During the year 5,500 looms were actually brought into the co-operative fold exceeding the target and a sum of Rs. 2.39 lakhs was spent.

Expansion of Marketing Organisation of Andhra Handloom Weavers Co-operative Society :

With a view to strengthening the marketing organisation of the Andhra Pradesh Handloom Weavers Co-operative Societies, it was proposed to open more selling units and arrange intensive publicity and propaganda for the handloom fabrics. In the current year, it was proposed to open 28 sales depots and one inter-state sales depot besides continuing the units existing prior to 1959-60 and towards this a sum of Rs. 3.31 lakhs was provided in the annual plan. But only 22 depots were opened during the year and the inter-state sales depot was not opened as the All India Handloom Board has not approved the proposal. During the year the publicity for popularising handloom fabrics was intensified. In all, a sum of Rs. 2.12 lakhs was spent on this scheme till the end of March, 1960.

Improvement of techniques and organisational expenses :

With a view to increasing the technical efficiency of the Handloom Industry for producing finer varieties of cloth with better and popular designs it was proposed under this scheme to supply standard reeds, devices to regulate picles, warping machines, frame and pedal looms dobbies etc., to the Handloom Weavers. A sum of Rs. 4.80 lakhs was provided in the current year's plan for this purpose. Against this a sum of Rs. 3.19 lakhs was spent till the end of March, 1960 and 1495 standard reeds, 76 warping machines, 625 slays and 102 press machines were supplied. In addition, 19 technical assistants were appointed by the Andhra Handloom Weavers Co-operative Society, Vijayawada to enforce quality control.

Establishment of Dye Factory :

A sum of Rs. 0.14 lakhs was provided for this scheme in the annual plan to dye 500 bales of yarn. Against this a sum of Rs. 0.05 lakh was spent and 7991½ bales of yarn was dyed till the end of March, 1960.

Rebate :

To facilitate marketability and to minimise the gap in the prices of mill cloth and the Handloom products, a subsidy in the form of rebate is being allowed on bene-fide wholesale and retail sales of handloom cloth effected through the Co-operative Organisation. Towards this, a sum of Rs. 24.50 lakhs was provided in the programme for 1959-60 and a sum of Rs. 26.16 lakhs was actually spent till the end of March, 1960.

Cumbly Industry :

The Scheme aims at the formation of Co-operative Societies for the cumbly weavers to develop cumbly industry in the annual plan for 1959-60 a sum of Rs. 2.00 lakhs was provided for the formation of 6 new societies, admission of 500 looms and production of 1,000 rugs and cumbles. Against this a sum of Rs. 1.68 lakhs was spent on this scheme and 678 looms were brought into co-operative fold, four canding machines, 40 fly shuttle looms, 100 sets of heilds and reeds were supplied and one internal sales depot at Anantapur and one central depot at Gummaglatta weavers society at Rayadurg were opened.

Housing Colonies for Weavers :

With a view to improving the housing condition of the weavers and to enable them to carry out the industry under healthy and congenial surroundings, it was proposed to construct 475 houses during the Second Plan Period. A sum of Rs. 5.04 lakhs was allotted in the current year's plan for the construction of 200 houses. Against this a sum of Rs. 3.31 lakhs was spent and 74 houses were constructed upto roof level and the other houses are in various stages of construction.

Co-operative Spinning Mills :

A Co-operative Society was registered on 1st November, 1957 for establishing a Spinning Mill at Chirala for the production of finer counts of yarn for which there

is a huge demand from the Weavers Co-operative Society in the State. A sum of Rs. 5.00 lakhs was provided in the current year's plan towards the State participation in the share capital of the Mills. During the year, the foundation stone for the construction of building for the spinning Mill at Chirala was laid by the Prime Minister. The Government of India have sanctioned a loan of Rs. 5.00 lakhs to the State Government to invest the amount in the shares of this Spinning Mill. The State Government have invested this amount besides the investment of Rs. 2.5 lakhs from out of their funds. In addition, a sum of Rs. 8.22 lakhs was collected from the members towards the share capital.

Telangana.

Imparting Training in Power driven Machines at Hyderabad:

The object of this scheme is to impart training to 64 candidates per year in the use and operation of small power driven machines at the training centre in Musheerabad. A sum of Rs. 0.97 lakh was provided for this scheme in the annual plan for 1959-60. A sum of Rs. 0.74 lakh was, however, spent during the year under review and 55 candidates were trained.

Model Tannery at Warangal:

This scheme was intended to impart training to ten candidates a year in the use of improved tools in tanning and in the manufacture of quality leather. A unit was therefore established at Warangal prior to 1958-59. But Hyderabad was considered more suitable for this unit and hence this was proposed to be shifted from Warangal to Hyderabad. Towards this and for training 10 candidates with a stipend of Rs. 30 per month, a sum of Rs. 1.60 lakhs was provided in the Budget for 1959-60. During the year orders were placed for the supply of certain items of foreign machinery and only a sum of Rs. 0.04 lakh was spent till the end of March, 1960.

Manufacture of Utility Leather Goods at Hyderabad:

With a view to manufacturing different varieties of leather goods and civilian footwear and to train ten artisans per year, a unit was located at the Village Industries Training Centre, Musheerabad (Hyderabad). During the year 1958-59, production of goods worth

Rs. 0.76 lakh was undertaken on commercial lines, but the training course was not commenced as the imported machinery was not received. Towards the purchase of imported machinery and equipment and to train 10 artisans during the year 1959-60, a sum of Rs. 0.80 lakh was provided. As programmed the machinery was purchased and 20 artisans were trained during the year incurring an expenditure of Rs. 1.11 lakhs.

Establishment of Saw Mill-cum-Timber seasoning plant, Warangal :

Under this scheme it was proposed to establish Saw-mill-*cum*-timber seasoning plant at Warangal to season the timber used in the manufacture of furniture and cabinet making and also to provide training to 6 artisans per year. During the year 1958-59 the construction of the building to locate the unit, was completed and the machinery was received. In the current year it was proposed to start the work and impart training to 6 candidates. Towards this, an allotment of Rs. 0.48 lakh was made. As programmed the unit started functioning and 6 trainees have undergone training. In all a a sum of Rs. 1.07 lakhs was spent till the end of March, 1960.

Establishment of two model carpentry workshops at Warangal and Mahbubabad :

Under this scheme it was proposed to establish two model carpentry workshops with full equipment at Warangal and Mahbubabad to serve as Training-*cum*-Production Centres. During the year 1958-59 the construction of buildings was completed, the required machinery was received and the units started functioning and 24 candidates were trained on a stipend of Rs. 30 per month. For continuing this scheme during 1959-60, a sum of Rs. 0.77 lakh was provided in the annual plan. Against this a sum of Rs. 1.66 lakhs was spent and 32 artisans were trained.

Establishment of two model blacksmithy workshops at Warangal and Khammam :

Under this scheme two model blacksmithy centres were established during 1958-59 at Warangal and Khammam to serve as production-*cum*-training centres. At these centres training was proposed to be imparted to

established blacksmiths in the use of improved implements and in the manufacture and repair of agricultural implements, hand tools, etc. A sum of Rs. 0.60 lakh provided in the plan for 1959-60 for the continuance of the two workshops and to train 16 artisans on a stipend of Rs. 30 per month. Against this a sum of Rs. 1.14 lakh was spent and the targetted number of artisans were trained.

Cutlery Industry at Poduru in Karimnagar district:

With the object of collecting the existing workers engaged in cutlery industry under one shed and acquaint them with different processes in the use of improved tools and implements, a unit was located at Poduru in Karimnagar district in 1955. This scheme also provides for giving training in electroplating to the finished goods. For continuance of this scheme during 1959-60, a sum of Rs. 0.28 lakh was made in the annual plan. Against this a sum of Rs. 0.36 lakh was spent and cutlery worth Rs. 0.08 lakh was produced till the end of March, 1960.

Establishment of 20 Co-operative Work Centres at Hyderabad:

With a view to solving the unemployment problem and to stimulate production of articles which have a ready market, 20 Co-operative Work Centres—19 Centres in Hyderabad and Secunderabad and one Centre in Aler, Nalgonda district—were organised prior to 1959-60. During the year 1959-60 it was proposed to continue these work centres and a sum of Rs. 0.48 lakh was provided in the Budget for this purpose. Against this, a sum of Rs. 0.43 lakh was spent till the end of March, 1960.

Organisation of ten Co-operative Work Centres in the districts:

With a view to solve unemployment problem and stimulate production of articles, 10 Co-operative Work Centres—3 at Hyderabad, 3 at Warangal, 2 at Karimnagar and one centre each at Nalgonda and Nizamabad were organised prior to 1959-60. A sum of Rs. 0.24 lakh was provided in the annual plan for 1959-60 for the continuance of these centres and for giving grants towards the expenses of the managerial staff. Against this a sum of Rs. 0.18 lakh was spent till the end of March, 1960.

Brassware Industry at Siddipet:

The Brassware workers at Siddipet were organised into a Co-operative Society for training them in the use of improved tools and implements and for providing common facilities. Towards the managerial expenses of this society, a sum of Rs. 0.01 lakh allotted to the Plan for 1959-60 against which a sum of Rs. 0.02 lakh was spent till the end of March 1960.

Manufacture of Small Guage Insulated Copper Wires at Hyderabad:

Under this scheme, it was proposed to establish a centre for the manufacture of small guage insulated Copper wires which are essential for the manufacture and repairs of the fractional H. P. Motors, Radio transformers and receivers, etc. The construction of the buildings for locating the unit was taken up during 1958-59 at the Industrial Estate, Sanatnagar and orders were also placed for the purchase of machinery and equipment. In the Plan for 1959-60 a sum of Rs. 4.37 lakhs was provided for completion of the construction of the buildings and for the purchase of machinery. Against this an amount of Rs. 0.20 lakh was spent till the end of March, 1960. During the year the buildings were completed.

Manufacture of fractional H. P. Motors at Hyderabad:

Under this scheme, it was proposed to manufacture about 3,000 fractional H. P. Motors and 5,000 transformers and chokes per year by establishing a manufacturing unit at the Industrial Estate, Sanatnagar. During the year 1958-59 preliminary arrangements were made and in the current year it was proposed to complete the construction of buildings and purchase the equipment. Towards this, a sum of Rs. 3.54 lakhs was allotted in the annual plan. Against this there was an expenditure of Rs. 1.39 lakhs and the construction of buildings was completed and orders for the purchase of machinery and equipment were placed.

Manufacture of Radio Spare Parts and Receivers at Hyderabad:

With a view to manufacturing radio sets and radio spare parts like Ceramic Capaciters, Mica Capaciters, I F. transformers and coilsate, it was proposed to establish

a manufacturing unit at the Industrial Estate, Sanatnagar. During the year 1958-59, the construction of the buildings was taken up and orders were placed for the purchase of machinery. In the plan for 1959-60, a sum of Rs. 3.54 lakhs was provided for the completion of the buildings and for the purchase of machinery. During the period ended March, 1960 the construction of the buildings was completed and the equipment and machinery ordered for are expected to be received within a period of 4 to 5 months. In all a sum of Rs. 0.78 lakh was spent on this scheme till the end of March, 1960.

Provision for Block Loans under Hyderabad State Aid to Industries Act :

Under this scheme it was proposed to issue loans to the industrialists in the private sector under State Aid to Industries Act, for the development of small scale Industries. During the year 1959-60, a sum of Rs. 7.00 lakhs was proposed to be made available for grant of loans under this scheme. Against this a sum of Rs. 14.49 lakhs was issued as loans till the end of March 1960.

Extraction of Katha from Sundrawood in Mulug Project Area :

Under this scheme it was proposed to set up small unit at Mulug for the extraction of Katha from Sundrawood which is available in abundance in the Mulug Pilot Project area. Towards the construction of the building and for the purchase of necessary equipment for the unit, a sum of Rs. 0.21 lakh was provided in the plan for 1959-60. The construction of the buildings was taken up and action has been taken for the procurement of the equipment. A sum of Rs. 0.02 lakh was spent on this scheme during the year under review.

Establishment of furniture mill-cum-saw mill-cum-mechanised wood workshop at Sanatnagar :

Under this scheme, it was proposed to establish a modern mechanised wood workshop with seasoning plant for the manufacture of quality furniture and other wooden articles for which there is a great demand in the twin cities of Hyderabad and Secunderabad. It was proposed to locate the unit at the Industrial Estate, Sanatnagar. For the construction of buildings and for the purchase of machinery and equipment, a sum of Rs. 4.19 lakhs was provided in the Budget for 1959-60. During the period under report, the construction of the building was in

progress and orders for the purchase of machinery were placed incurring an expenditure of Rs. 1.49 lakhs.

Scheme for the Establishment of a Ceramic Service Centre at Hyderabad:

With a view to solving the unemployment problem in the twin cities of Hyderabad and Secunderabad, it was proposed to establish a ceramic service centre for producing various ceramic ware products on modern lines. A sum of Rs. 2.45 lakhs was provided in the Budget for the purchase of machinery and equipment and for the construction of buildings. Against this, a sum of Rs. 0.22 lakh was spent till the end of March, 1960.

Establishment of Raw Materials Servicing Centre at Sanathanagar:

In order to serve the needs of small industrialists in the twin Cities of Hyderabad and Secunderabad and in particular to the tenant industrialists of Industrial Estate, Sanatnagar, it was proposed under this scheme to set up a raw materials servicing centre. In the Plan for 1959-60 a sum of Rs. 2.19 lakhs was allotted for the construction of buildings, and purchase of vehicles. During the year under review, the construction of buildings was taken up and orders for the purchase of vehicles were placed. In all a sum of Rs. 0.73 lakh was spent on this scheme till the end of March, 1960.

Establishment of an Industrial Estate at Sanatnagar:

Under this scheme, it was proposed to construct 30 factory buildings of different types at Sanatnagar. Out of these, the construction of 17 factory buildings was completed and the construction of 13 factory buildings was in progress at the end of 1958-59. Towards the completion of the construction of these 13 factory buildings, a sum of Rs. 2.50 lakhs was provided in the Budget for 1959-60. As programmed the construction of factory buildings was completed besides expanding the estate. The total expenditure on this scheme amounted to Rs. 19.55 lakhs in 1959-60.

Establishment of an Industrial Estate at Warangal:

Under this scheme, it was proposed to establish an Industrial Estate at Warangal with 16 factory buildings. The construction of these 16 factory buildings was in progress during the period ended 1958-59. A sum of

Rs. 6.00 lakhs was provided in tne Budget for 1959-60 for the completion of the buildings. Against this, a sum of Rs. 5.52 lakhs was spent on this scheme till the end of March, 1960 and the construction was nearing completion.

Carpet and Drugget Industry at Warangal :

Towards the production of Carpets and Druggets on improved lines, a sum of Rs. 0.03 lakh was provided for this scheme in the annual plan for 1959-60. Against this, a sum of Rs. 0.04 lakh was spent and carpets and druggets worth Rs. 0.46 lakhs were produced while sales effected amounted to Rs. 0.48 lakh.

Matweaving Industry at Mahbubnagar :

Under this scheme, it was proposed to grant financial assistance to the Mat Weavers' Co-operative Society at Mahbubnagar to expand its activities and produce 3,000 mats a year. During the first three years of the second plan, a sum of Rs. 0.15 lakh was spent for granting loan assistance to this society and 12,510 mats were produced. To continue this assistance and for producing 5,000 mats during the year, a sum of Rs. 0.03 lakh was provided in the annual plan for 1959-60. The entire provision was spent and the society produced mats worth Rs. 0.46 lakh and the sales effected amounted to Rs. 0.043 lakh.

Silver Filgree Industry at Karimnagar :

With a view to giving financial assistance to the Tarakasham Industrial Co-operative Society, Karimnagar for meeting the cost of the supervisory staff, a sum of Rs. 0.03 lakh was provided in the annual plan for 1959-60. The entire allotment was spent by the close of the year. During the year, the society has produced articles worth Rs. 0.172 lakh and articles worth Rs. 0.211 lakh were sold.

Ivory and Horn Industry at Secunderabad :

With a view to manufacturing ivory and horn articles of artistic mature and also to train eight artisans a year, an industrial co-operative society with the name Sri Ivory and Horn Industrial Co-operative Society was formed at Secunderabad and during the first three years of the second plan financial assistance to the extent of Rs. 0.36 lakh was given and 16 artisans were trained.

In the annual plan for 1959-60 a sum of Rs. 0.11 lakh was provided for giving financial assistance to the society and for training 8 artisans. As programmed 8 artisans underwent training and a sum of Rs. 0.11 lakh was spent till the end of March, 1960. During this period, ivory and horn articles worth Rs. 0.143 lakh were produced and articles worth Rs. 0.109 lakh were sold.

Expansion of Government Cottage Industries, Sales Depot, Hyderabad:

It was proposed to expand the Government Cottage Industries, Sales Depot, Hyderabad, in order to increase sales. During the first three years of the second plan, a sum of Rs. 2.25 lakhs was spent. A provision of Rs. 0.39 lakh was made in the annual plan for 1959-60 and it was expected to increase the sales to Rs. 6.50 lakhs. Against this, a sum of Rs. 0.70 lakh was spent and the sales increased to Rs. 6.04 lakhs

Staff for Handicrafts :

With a view to strengthening the staff in the Handicrafts and Marketing section in the Directorate of Industries and Commerce, a sum of Rs. 0.36 lakh was provided in the annual plan for 1959-60. Against this, a sum of Rs. 0.16 lakh was spent till the end of March, 1960.

Development of Beads Work at Janagaon :

A Co-operative Society called Beads Workers Industrial Co-operative Society, Janagaon, was formed during 1957-58 in order to develop the beads work at Janagaon by organising it on co-operative lines and this was continued during 1958-59. In the plan for 1959-60, a sum of Rs. 0.05 lakh was provided for extending financial assistance to the society and for meeting the salaries of the supervisory staff, etc. Against this, a sum of Rs. 0.03 lakh was spent during the period and beads worth Rs. 0.050 lakh were produced and beads worth Rs.0.062 lakh were sold.

Common Facility Centre for Himroo and Bidri Workers at Hyderabad.

Under this scheme, it was proposed to provide housing facilities and common production programme in rural areas for about 25 bidri workers and 25 himroo workers. Towards this, a sum of Rs. 0.16 lakh was provided in the

annual plan for the year 1959-60 and against this, a sum of Rs .0.19 lakh was spent till the end of March, 1960 benefitting 78 himroo workers and 30 bidri workers. During the year articles worth Rs. 0.604 lakh were produced and articles worth Rs. 0.662 lakh were sold.

Survey of Handicrafts:

In order to collect statistics regarding the handicrafts industry in the State, some staff was appointed and a survey of the technical and economic aspects of the handicrafts industry was taken up during 1958-59. For the continuance of this survey in 1959-60, a sum of Rs. 0.18 lakh was provided in the Plan. Against this, a sum of Rs. 0.29 lakh was spent till the end of March, 1960 covering the technical, economical and social aspects and the survey work in regard to the Bidri, Himroo, Nirmal toys, Carpet and Drugget Industries was conducted besides the collection of information in respect of palm and Bamboo Industry and Agarbatti Industry.

Opening of one Class II Procurement Sales Depot at Warangal:

With a view to expanding the marketing facilities for Handicrafts and other cottage and village industries products of Andhra Pradesh, one Class II Procurement-*cum*-sales Depot was established at Warangal during the year 1958-59. An allotment of Rs. 0.36 lakh was made in the annual plan for the continuance of this department in 1959-60. Against this, a sum of Rs. 0.41 lakh was spent till the end of March, 1960. During the year under report articles worth Rs. 0.457 lakh were procured and articles worth Rs. 0.566 lakh were sold.

Common Production Facility Centre for Nirmal Toy Industry at Nirmal:

With a view to popularising the nirmal toy industry, it was proposed under this scheme to construct a common facility Co-operative Society. Towards this, a sum of Rs. 0.10 lakh was provided in the plan for the year 1959-60. Against this, a sum of Rs. 0.09 lakh was spent till the end of March, 1960 and as programmed the society was established and the society produced articles worth to Rs. 0.142 lakh and sold articles worth Rs. 0.214 lakh. Besides this, 30 craftsmen were provided with regular employment.

Scheme for Quality Marketing:

With the increasing demand for craft articles, it became necessary to ensure that the quality does not deteriorate. A sum of Rs. 0.10 lakh was, therefore, provided in the plan for 1959-60 in order to ensure the quality of goods produced specially for foreign markets. Against this, a sum of Rs. 0.02 lakh was spent till the end of March, 1960.

Development of Nirmal Industry at Khairathabad:

It was proposed under this scheme to impart training to artisians in Nirmal industry. It was also proposed to open two Regional Distribution centres at Delhi and Bombay. Due to late sanction of the scheme, much progress could not be made during the year 1959-60. However, the equipment required for the two Regional Distribution Centres was purchased during the year. A sum of Rs. 0.11 lakh was spent on this scheme till the end of March, 1960.

Common Production Facility Centre for Ivory and Horn Articles at Secunderabad:

Under this scheme it was proposed to construct a common facility shed for the benefit of ivory and horn workers and a sum of Rs. 0.15 lakh was provided in the plan for 1959-60. The construction of the shed was in progress during the period ended March, 1960.

Development of Block Printing Industry:

With a view to organising a work centre for Blocks Printing at Warangal and to provide assured employment to workers, a sum of Rs. 0.14 lakh was provided in the annual plan for the year. But, during the year, only a sum of Rs. 0.06 lakh was spent on the purchase of equipment.

Training-cum-Demonstration Farm at Bicknoor:

With a view to popularising sericulture industry, it was proposed under this scheme to train 12 candidates a year in sericulture. Prior to 1959-60, a silk farm was established at Bicknoor for this purpose. In the plan for 1959-60, a sum of Rs. 0.13 lakh was allotted for training 12 candidates. As programmed 12 candidates underwent training and a sum of Rs. 0.11 lakh was spent till the end of March, 1960.

Establishment of Tassur Seed Station at Venkatapur and Mahadevpur:

With a view to producing disease free tassur seeds and supply them to the tribals engaged in tassur industry, two tassur seed stations were established during 1957-58 at Venkatapuram and Mahadevpur. This scheme also provides training facilities to 12 candidates a year at each centre in the improved methods of rearing and reeling. In the plan for 1959-60 a sum of Rs. 0.61 lakh was allotted for the supply of 10,000 disease free tassur seeds and for training 12 candidates at each centre. A sum of Rs. 0.47 lakh was spent during the year and 46,470 disease free cocoons were supplied and the targeted number of 24 candidates have undergone training.

Establishment of an Experimental Eri-seed Farm at Shadnagar:

The object of this scheme is to conduct experiments on the economics of Eri-silk worm rearing and its effects on the castor cultivation. For this purpose an experimental seed farm was established at Shadnagar in Mahaboobnagar District during 1957-58 and maintained during the 1958-59. Towards the maintenance of this farm during 1959-60 and for the production of 300 lbs. of eri-seed cocoons, an allotment of Rs. 0.16 lakh was made in the annual plan. As programmed, the farm was maintained but, only 160 lbs. of Eri-seed cocoons were produced. The expenditure on this scheme amounted to Rs. 0.14 lakh.

Scheme to reinforce the Government Silk Farm at Maniar:

Under this scheme, it was proposed to strengthen the existing technical staff and provide additional facilities in the Silk farm at Manair. This scheme also provides training facilities for 12 candidates a year with a monthly stipend of Rs. 20 each. During the last two years the farm was equipped with technical appliances and an oil engine for irrigating the garden, was also provided. During the current year, it was proposed to improve this farm further and carrys out repairs to the existing buildings and to extend mulbery cultivation to an area of 100 acres. During the year 12 candidates have undergone training and a sum of Rs. 0.21 lakh was spent.

Establishment of mulberry nursery at Manair:

With a view to preparing and distributing improved

varieties of mulberry grafts, a mulberry nursery was started at Manair during 1957-58. During the current year, it was proposed to construct a store and graft sheds for this nursery besides raising 10,000 mulbery grafts. Towards this, a sum of Rs. 0.15 lakh was provided in the annual plan. The entire provision was utilised by the end of the year and as programmed the store and graft shed were constructed besides raising 24,000 mulb rry grafts.

Establishment of Basic seed Centre at Bicknoor :

During the year 1957-58, a mulbery garden was established at Bicknoor to produce basic seed cocoons and grafts to meet the local demand and to purchase cocoons produced by the rearers. During 1958-59 a rearing house and a rainage building were constructed. Towards the continuance of these during 1959-60 and to bring an area of 200 acres under mulbery cultivation, a sum of Rs. 0.19 lakh was provided in the annual plan. As programmed the scheme was continued during the period under review but, only an area of 5 acres was brought under mulbery cultivation. A sum of Rs. 0.06 lakh was spent till the end of March, 1960.

Strengthening of the Government Silk Farm at Manair:

With a view to demonstrating the improved methods of mulberry cultivation and silk worm rearing aboriginal tribe and to give training to the tribal boys, the Government Silk Farm at Salai was strengthened by providing additional facilities. Towards the continuance of this and for bringing out an area of 200 acres under mulbery cultivation, a sum of Rs. 0.21 lakh was allotted in the plan for 1959-60. The scheme was continued and as programmed, an area of 200 acres was brought under cultivation incurring an expenditure of Rs. 0.22 lakh.

Organisation of farmers day in sericulture areas:

This scheme is intended to provide competitive enthusiasm among the sericulturists and also a chance for discussing the difficulties experienced by them with a view to solving these problems. The entire provision of Rs. 0.01 lakh provided for this scheme was spent during the year and as programmed the Farmers' Day was celebrated in Sericulture area.

Organisation of Tassur Culturists Day in tassur areas:

Under this scheme, it was proposed to organise tassur

culturists day every year in tassur areas to popularise tassur industry and to distribute prizes to the tassur culturists for the best production of cocoons and reeling. The entire allotment of Rs. 0.01 lakh made for this scheme was utilised during the year.

Scheme for the study tours and training of fresh candidates :

Under this scheme, it was proposed to depute candidates for training in various branches of sericulture industry at Mysore, Bihar and Madras and also depute silk assistants for study tours to the States. During the period ended March, 1959, 3 candidates were undergoing training and for continuing their training besides deputing one Silk Officer to other States, a sum of Rs. 0.01 lakh was provided in the annual plan. Two candidates have completed their training and two candidates were undergoing training during the period ended March 1960. A sum of Rs. 0.02 lakh was spent on this scheme during the Year.

Providing irrigation facilities to Government Silk Farm at Salvai :

This is a new scheme included in the Plan for 1959-60. Under this scheme, it was proposed construct a well far providing irrigation facilities at the Government Silk Farm, Salvai. Towards this, a sum of Rs. 0.01 lakh was provided in the annual Plan for 1959-60. But, only a sum of Rs. 0.01 lakh could be spent during the year. The construction of the well was in progress by the end of the year.

Peripatetic demonstration party in Chinnur Area :

This is a new scheme included in the Plan for 1959-60. This scheme envisages the establishment of a tassur seed station for the development of tassur culture in Chinnur area. Against a provision of Rs. 0.08 lakh made for this scheme, only a sum of Rs. 0.02 lakh was spent till the end of March, 1960.

HANDLOOM INDUSTRY

Share Capital and Working Capital loans to Weavers Societies :

During the year under review it was proposed to admit 2000 Weavers into the Co-operative fold and a sum of Rs. 0.87 lakh was provided in the plan for disbursement as share capital loans. Against this, a sum of Rs. 0.73

lakh was spent till the end of March, 1960 and 500 Weavers were brouhgt into Co-operative fold.

Expansion of Marketing Organisation of Apex Society:

With a view to tackling the problem of marketing effectively, the Hyderabad Handloom Weavers Central Co-operative Associations and the Primary Weavers Societies have been opened the selling units under this Scheme. During the current year it was proposed to open 12 sales depots. Towards this and for making an intensive propaganda of handloom fabrics, a sum of Rs. 1.54 lakhs was provided in the Plan. Against this programme a sum of Rs. 1.18 lakhs was spent till the end of March, 1960. During the year, a programme of publicity was initiated and implemented by participating in exhibitions and by the inserting advertisements in the news papers etc.

Improvement of techniques and organisational expenses:

With a view to enabling the weavers to adopt better techniques and produce finer varieties of cloth with the help of improved applicances, a sum of Rs. 1.91 lakhs was provided in the current years plan for the supply of 335 Standard Reeds, 300 Slays, 34 Warping machines and 7 Press machines and for establishing a calendering and bleaching plant at Hyderabad to give good finish to the handloom cloth and thus facilitate its sale. Against this programme, a sum of Rs. 1.75 lakhs and 40 warping machines, 8 press machines and 350 slays were supplied till the end of March, 1960.

Rebate:

With a view to stimulating the sales of handloom products, a subsidy in the form of rebate is being allowed on bonafide wholesale and retail sales of handloom cloth effected through the Co-operative Organisation. Towards this a sum of Rs. 10.50 lakhs was allotted in the Plan for 1958-59 against which a sum of Rs. 8.84 lakhs was spent till the end of March, 1960.

Wool Industry:

The programme under this scheme during 1959-60 included admission of 500 Weavers with State assistance for share capital, strengthening of the working capital position of the Apex Society, opening of 2 marketing depots, one central depot, undertaking intensive publicity propaganda and supply of improved appliances.

Towards this a sum of Rs. 3.58 lakhs was allotted in the annual Plan. Against this a sum of Rs. 2.86 lakhs was spent till the end of March, 1960. During the year under report 322 Weavers were admitted. One internal Sales Depot and one Central Depot were opened at Hyderabad Working capital loans to the extent of Rs. 2.14 lakhs were disbursed to the primary societies and open societies Six Wool canding machines, 60 fly shuttle looms and 150 sets of healds and reeds were purchased and supplied.

Silk Handloom Industry:

An allotment of Rs. 0.23 lakh was provided in the Plan for 1959-60 for establishing a silk dye house, appoint staff to enforce quality control and for bringing 100 looms into Co-operative fold. A dye house was opened at Narayanapet and a sum of Rs. 0.03 lakhs was spent till the end of March, 1960.

Housing Colonies for Weavers:

Towards the construction of 200 houses, an amount of Rs. 2.11 lakhs was allotted in the annual plan for 1959-60. However, the All India Handloom Board has sanctioned Schemes for the construction of 250 houses and necessary preliminaries were taken for the implementation of the scheme. During the period the construction of 200 houses in respect of the schemes initiated by Jangoan and Pochempalli Societies during the previous years was completed.

Co-operative Spinning Mills:

Originally no provision was made for this scheme in the annual Plan. But, the Government have invested a sum of Rs. 12.3 lakhs in the share capital of this mill and the mill has borrowed an amount of Rs. 10.00 lakhs from the Andhra Pradesh Financial Corporation. During the year a sum of Rs. 7.50 lakhs was spent and steps for importing the blow-room machinery and ring frame, are being taken by the close of the year.

Collection of Statistics in Andhra Pradesh

This is also a new scheme included in the Plan during course of the year. A sum of Rs. 0.02 lakh was spent on this scheme till the end of March, 1960.

Statement XVI shows the financial and Physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: (*Industries.*) (Rs. in lakhs.)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Establishment of six training cum-production centres in Carpentry at Srikakulam, Guntur, Nellore, Eluru, Cuddapah and Kurnool ..	7.28	1.00	1.41	2.15	0.95	2.52
2.	Establishment of six training cum-production centres in Blacksmithy	6.83	0.80	1.50	1.89	1.40	1.49
3.	Manufacture of crayons and other plaster products at Rajahmundry ..	1.20	0.12	0.13	0.35	0.22	0.29
4.	Training cum production centre for moulders at Vijayawada	2.78	0.31	0.77	0.81	0.32	0.48
5.	Establishment of Training cum production centres for the manufacture of stoneware and earthenware products at Anakapalli and Vijayanagaram ..	2.68	0.11	0.74	1.01	0.48	0.49
6.	Manufacture of Scientific glass apparatus, Guntur ..	1.22	0.18	0.16	0.22	0.28	0.40
7.	Establishment of mobile carpentry demonstration unit	0.99	0.30	0.27	0.09	0.13	0.19
8.	Establishment of mobile blacksmithy demonstration unit	1.09	0.30	0.40	0.06	0.15	0.17
9.	Starting of a production cum training centre for enamelware at Gudur ..	1.39	..	0.15	0.30	0.38	0.19

XVII.

SUB-HEAD OF DEVELOPMENT: *Village & Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trainees	No. per year	72	35	70	68	72	72
Trainees	.. „	72	35	71	69	72	72
(*i*) Productions of Crayons and other Plaster Products.	Rs. lakhs per year.	0.24	..	..	0.21	0.05	0.03
(*ii*) Trainees	.. No. per year.	12	6	12	12	12	12
Trainees ..	.. „	12	12	12	12	12	12
Trainees ..	.. „	20	..	..	20	20	20
(*i*) Scientific glass manufacture	Rs. in lakhs	0.25	..	..	0.11	0.12	0.10
(*ii*) Trainees	.. No. per year.	10	10	..	7	10	7
Establishment of mobile carpentry unit	.. No.	1	..	1	..	Continuance	Contd.
Establishment of a mobile blacksmithy unit	.. No.	1	..	1	..	„	„
Trainees	.. No. per year	10	..	..	6	10	6

STATEMENT

HEAD OF DEVELOPMENT : (*Industries.*) (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan provisions as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10.	Manufacture of Palmarah Brushes at Kakinada ..	0.72	..	0.24	0.23	0.19	0.15
11.	Scheme for graphite crucible industry at Rajahmundry	1.43	..	0.04	0.40	0.55	0.51
12.	Establishment of a model leather goods manufacturing unit at Vijayawada ..	4.18	0.47	1.22	1.00	0.75	0.55
13.	Establishment of Production cum Training Centre in Carpentry at Visakhapatnam	5.90	0.69	1.17	1.88	0.90	1.61
14.	Establishment of a Production cum training centre in Ceramicware at Dronachalam	1.43	0.02	0.22	0.41	0.37	0.68
15.	Manufacture of Bicycle spare parts at Vijayawada .	5.62	..	0.88	1.66	1.61	1.58
16.	Establishment of a workshop for manufacturing builders hardware at Dowlaiswaram ..	4.76	..	0.45	1.40	1.75	1.64
17.	Establishment of a model tannery and Footwear manufacture centre at Eluru	5.04	..	0.39	0.49	3.27	0.32
18.	Establishment of a model tannery at Guntakal ..	3.51	..	0.27	0.82	1.31	0.40
19.	Establishment of a Production cum Training Centre at Pendurthi	2.42	0.07	0.54	0.72	0.40	0.37

XVII.

SUB-HEAD OF DEVELOPMENT: *Village & Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
i. Production of Brushes	Rs. in lakhs.	0.32	..	..	0.04	0.10	0.07
ii. Trainees ..	No. per year.	6	..	..	6	6	6
Establishment of Production centre ..	No.	1	..	..	..	1	..
i. Trainees ..	No. per year.	12	..	12	12	12	12
ii. Manufacture of leather goods	Value in lakhs of Rs.	1.07	..	0.22	0.35	0.45	0.40
a. Trainees ..	No. per year.	6	6	6	6	6	6
b. Manufacture of furniture	Rs. in lakhs per year.	1.30	..	0.71	0.82	0.60	1.20
Trainees	No. per year.	6	..	..	..	6	6
„ ..	„	6	..	..	..	6	6
„ ..	„	6	..	..	..	6	6
Trainees	No. per year	20	..	..	20	20	20
„ ..	„	12	..	..	..	12	..
„ ..	„	6	..	..	..	6	6

STATEMENT

HEAD OF DEVELOPMENT.—(*Industries.*) (*Rs. in lakhs*)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20.	Establishment of a Hosiery Unit at Guntakal ..	N.A.	..	..	..	0.97	..
21.	Establishment of a Stoneware Pipe manufacturing Centre, Rajahmundry ..	6.90	1.04	0.46	1.09	1.69	2.20
22.	Establishment of two general purpose Engineering Work shops at Cuddapah and Tadepalligudem ..	4.29	..	1.29	1.74	0.53	1.95
23.	Manufacture of low loss ceramicware and radio components at Gudur ..	1.85	..	..	..	0.87	0.10
24.	Establishment of Small Scale and Cottage Industries Research Institute at Vijayawada	2.05	..	..	0.35	0.85	0.65
25.	Block Loans for disbursement under State Aid to Industries Act ..	30.52	1.15	3.87	16.89	7.00	3.78
26.	Strengthening the Directorate and the District Staff.	7.95	0.15	2.00	2.77	2.25	2.45
27.	Provision for the salaries of the extension officers (Industry) posted in Block area	10.17	..	0.52	4.44	3.00	2.20
28.	Provision for schemes in Kakinada—Peddapuram Pilot Project Area ..	..	..	..	..	..	..
	(*a*) Manufacture of Steel Trunks at Ramachandra puram	0.57	..	..	..	0.82	0.05
	(*b*) Manufacture of Photo frames, electric casing, furniture etc. at Kakinada ..	2.10	..	..	..	1.50	0.26
29.	Supply of Jeeps to Asst. Directors, Industries and Commerce (Industries).	0.94	..	..	1.72	0.80	1.48

XVII.

SUB-HEAD OF DEVELOPMENT.—*(Village & Small Scale Industries.)*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Establishment of a Hosiery Unit	„	1	..	..	..	1	..
Production of Stoneware Pipes	Rs. in lakhs	5.50	..	..	..	0.33	0.19
i. Establishment of work-shops	No.	2	..	..	..	2	2
ii. Production of implements	Rs. in lakhs	1.30	..	..	..	0.73	0.09
Establishment of units ..	No.	1	..	..	..	1	Building under construction.
Establishment of a Research Unit	„	1	..	..	..	1	1
Grant of Loans	..Rs. in lakhs	..	1.15	3.58	16.89	7.00	18.04
	Staff Scheme.						
	do						
..	..	..	..	..	..	..	..
Matching contributions	..Rs. in lakhs.	0.57	..	..	..	0.32	0.06
„	„	2.10	..	..	..	1.50	0.27
Jeeps	No.	11	..	..	11	maintanance	maintainance

STATEMENT

HEAD OF DEVELOPMENT. (*Industries.*) (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan Provisions as revised last	Financial Targets and Achievements 1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
30.	Manufacture of locks at Tadukupet in Chittoor district.	1.98	..	..	..	1.30	0.29
31.	Establishment of tool room servicing centre at Visakhapatnam	5.62	..	..	..	3.83	2.57
32.	Establishment of raw materials servicing centre at Visakhapatnam ..	7 87	..	..	..	2.10	0.85
33.	Industrial Estate at Visakhapatnam	32.03	0.06	3.27	12.61	16.00	9.48
34.	Industrial Estate at Vijayawada	27.29	..	6.01	6.71	9.00	8.70
35.	Industrial Estate at Samalkot	7.50	..	..	3.62	4.00	2.76
36.	Industrial Estate at Nandyal	3.50	..	..	0.55	2.50	2.45
37.	Establishment of a Production-*cum*-Training Centre for wooden toys at Tiruchunur near Tirupathi ..	0 42	0 01	0.07	0.14	0.17	0.06
38.	Establishment of a Production cum Training Centre for the manufacture of Bamboo and Ratton Basket making	0.52	0.01	0.09	0.16	0.18	0.18
39.	Establishment of a Sales Emporium for Village and and Cottage Industries Products at Tirupathi ..	0 54	..	0.17	0.44	0.19	0.47
40.	Establishment of a Production-*cum*-training centre for wooden toys at Etikopalle in Visakhapatnam Dist. ..	0.55	..	0.06	0.13	0.19	0.17
41.	Development of Bamboo & Basket Making Industry at Guntakal and Arcku ..	0.38	..	0.06	0 13	0.14	0.10

XVII.

SUB-HEAD OF DEVELOPMENT.– (*Village & Small Scale Industries.*)

		PHYSICAL TARGETS AND ACHIEVEMENTS					
			Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Target not fixed.							
,,							
Targets not fixed.							
Construction of factory buildings.	No.	33	..	..	20	13	Nearing completion
Construction of factory buildings.	No.	18	..	..	10	8	Nearing completion.
,,	,,	24	..	..	14	10	,,
,,	,,	10	..	..	..	10	10
Trainees	No. per year.	6	6	6	6	6	6
,,	,,	30	..	27	30	..	..
Establishment of a Sales Emporium.	,,	1	..	1	Contd.	Continuance.	Cont.
Trainees	No. per year.	12	..	12	12	12	Converted to Co-operative Society.
,,	,,	20	..	..	20	..	,,

STATEMENT

HEAD OF DEVELOPMENT.—*(Industries.)* *(Rs. in lakhs)*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Exp.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
42.	Establishment of a Wool Processing and dyeing centre at Eluru	1.73	..	1.27	0.07	0.19	0.19
43.	Establishment of a Production-*cum*-training centre for ivory and horn articles at Visakhapatnam ..	0.21	..	..	0.07	0.06	0.06
44.	Establishment of inter-state marketing section in the Central sales emporium at Vijayawada ..	0.38	..	..	0.06	0.22	0.20
45.	Development of Kondapalli Toys	0.28	..	..	0.10	0.10	0.09
46.	Development of Asia Rural Weaving at Chirala	0.56	..	..	..	0.13	0.13
47.	Development of Kalamkari Printing Industry at Masulipatnam.. ..	0.25	..	..	0.12	0.07	0.11
48.	Opening of one Class-II Procurement Sales Depot at Visakhapatnam ..	0.78	..	..	0.36	0.37	0.46
49. 50.	Development of Musical Instruments making at Bobbili and Jaggayyapet	0.28	..	..	0.07	0.13	0.14
51.	Development of Quilt Industry at Kuppam ..	0.11	..	..	0.06	0.03	0.03
52.	Development of Lace Industry at Narsapur ..	0.19	..	..	..	0.10	..
53.	Facilities for training and starting of Co-operative Centre for wooden spoons etc. at Udayagiri in Nellore Dist.	0.14	..	..	0.04	0.07	0.07
54.	Copying of temple designs to be used in Handicrafts	0.10	..	..	..	0.05	0.01

XVII.

SUB-HEAD OF DEVELOPMENT.—*(Village & Small Scale Industries.)*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Establishment of Centre	No. per year.	1	..	..	1	Continuance	Contd.
Trainees ..	,,	6	..	..	6	6	6
i. Establishment of a section.	No.	1	..	..	1	Continuance	Contd.
ii. Value of articles marketed.	Rs. in lakhs	..	..	..	0.69	1.00	0.80
Trainees	No. per year.	12	..	..	11	12	12
Weavers to be brought under Production activity.	No.	20	..	..	20	Continuance.	Contd.
i. Estt. of a Printing Unit.	,,	1	..	..	1	,,	,,
ii. Trainees	,,	..	..	..	..	4	4
Opening of Sales Depot.	,,	1	..	..	1	Continuance.	Contd.
Establishment of Centres.	,,	2	..	..	1	1	..
Establishment of a Production Centre.	,,	1	..	..	..	1	..
Production of Lace	Rs. in lakhs.	1.60	..	..	..	0.50	..
Value of articles to be produced.	Rs. in lakhs.	..	..	..	..	0.04	0.11
Centre	No.	1	..	..	..	1	1

STATEMENT

HEAD OF DEVELOPMENT:—*Industries.*

(*Rs in Lacks*)

Serial No.	Name of the Scheme	Second Plan provisions as revised last	Financial Targets and Achievements 1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
55.	Opening of one class II procurement-*cum*-sales depot at Anantapur ..	0.34	..	..	..	0.25	0.11
56.	Provision for Grants and Loans to individuals artisans who are dispersed and cannot be organised into Co-operatives	0.10	..	..	..	0.05	..
57.	Scheme for musical instruments industry at Pithapuram	0.08	..	..	..	0.05	0.02
58.	Establishment of common production facility centre Kalamkary Industry at Masulipatnam.. ..	0.08	..	..	..	0.05	0.05
59.	Establishment of common production facility centre for Carpet Industry at Eluru	0.02	..	..	..	0.02	..
60.	Opening of show cases of handicrafts production at Vijayawada, Tompati, Anantapur, & Warangal Railway Stations. ..	0.04	..	..	..	0.04	..
61.	Establishment of common production facility centre for Bamboo at Araku. ..	0.05	..	0.06	..	0.03	0.08
62.	Establishment of a grainage at Hindupur ..	0.60	0.08	0.34	0.06	0.06	0.06
63.	Establishment of basic seed farm (local)at Hindupur ..	0.58	0.19	0.32	0.02	0.02	0.02
64.	Providing facilities to the existing Government Silk Farms at Palaamaner ..	0.38	0.03	0.28	0.08	0.02	0.09
65.	Establishment of reeling units at Hindupur and Palamaner	0.37	0.10	0.02	0.09	0.20	0.10

XVII.

SUB-HEAD OF DEVELOPMENT: *Village & Small Scale Industries*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Value of articles transacted	Rs. in lakhs	N.A.	..	..	..	0.30	0.10
Grant of loans	,,	0.10	..	..	..	0.05	..
Production centre	No.	1	..	..	..	1	1
Artisans to be benefited.	,,	50	..	..	..	50	..
,,	,,	20	..	..	..	20	..
No Targets							
Artisans to be benefitted	No.	20	..	..	..	20	..
Production of disease free layings	No. in lakh	1.20	..	0.22	0.41	0.60	0.47
Production of cocoons	do	4.00	0.26	0.64	0.98	4.00	1.42
Production of foreign race seed cocoons ..	,,	0.80	..	..	0.33	2.00	1.72
Reeling Unit ..	No.	2	..	1	1	Continuance.	contd.

STATEMENT

HEAD OF DEVELOPEMENT:—*Industries.*

(Rs. in Lacks)

Serial No.	Name of the Scheme	Financial Targets Achievements					
		Second Plan provisions as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
66.	Establishment of Craft nursery at Hindupur ..	0.74	0.12	0.26	0.16	0.11	0.11
67.	Establishment of an expereimental Eri seed farm at Peapalli	0.63	0.05	0.28	0.15	0.05	0.08
68.	Introduction of Sericulture as basic craft in two schools	0.07	..	0.01	0.02	0.02	0.02
69.	Provision of technical assistance to sericulturists in Hindupur and Madakasira taluks of Anantapur Dist. .	0.21	..	..	0.07	0.07	0.07
70.	Establishment of a propaganda station for the expansion of mulbery cultivation and production of of cocoons in Chittoor District.	0.06	..	..	0.02	0.02	0.02
71.	Deputation of Officers to other States for Training in Tassar and Sericulture. ..	0.04	..	..	..	0.01	..
72.	Establishment of a Chawki rearing unit at Punganur .	0.15	..	..	0.04	0.05	0.05
73.	Provision of reeling and irrigation facilities to the farm at Chinthalapudi	0.17	..	0.07	0.05	0.05	0.05
74.	Establishment of basic foreign race seed farm at Chinthapalli ..	0.81	..	..	0.48	@	0.19
75.	Establishment of Demonstration Silk farm at Araku Valley	0.77	..	..	0.48	@	0.17
76.	Establishment of Central Tassar Seed Station at Venkatapuram ..	0.98	..	..	0.42	@	0.17

XVII.

SUB-HEAD OF DEVELOPMENT: *Village & Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Mulbery crafts	.. No. in Lakhs	0.75	..	0.23	0.21	2.00	0.55
Production of Ericoccons	. lbs	N. A.	..	..	845	1,000	800
Introduction of sericulture as craft in schools	.. No.	2	..	..	Contd.	Contd.	Contd.
Land to be brought under mulbery cultivation	.. Acres.	500	..	..	62	60	60
Land to be brought under mulbery culvativation	.. Acres.	500	..	..	20	100	81
Deputation of Officers	.. No.	8	..	..	..	2	..
Rearing of alyings	.. do	N. A.	..	..	5,000	10,000	12,890
Addl. area to be broüght under cultivation	.. Acs.	,,	..	..	27	N. A.	86
Foreign race seed Cocoons	No.	4,00,000	..	16,000	3,000	3,00,000	1,11,450
Production of Cross Breed Cocoons	.. ,,	2,00,000	..	..	..	..	..
Tassar Seed Cocoons	.. ,,	3,00,000	1,08,308	..	1,08,380	N. A.	1,12,000

STATEMENT

HEAD OF DEVELOPMENT: *Industries.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan Provisions as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
		FINANCIAL TARGETS AND ACHIEVEMENTS					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
77.	Scheme for providing irrigation facilities and incubator to Govt. Silk Farm Chintapalli for production of foreign Race Cocoons for basic purposes ..	0.19	..	..	@	@	0.12
78.	Scheme for providing irrigation facilities to the Government Silk Farm at Araku Valley ..	0.14	..	..	..	@	0.10
79.	Establishment of mulbery nursery for supply of sapplings at Palamaner ..	0.11	..	..	..	0.10	0.05
80.	Publicity and Propaganda in sericulture areas of the State	0.02	..	..	..	0.01	..
81.	Providing incubator for Government silk farm at Hindpur	0.05	..	..	..	0.05	0.02
82.	Strengthening the supervisory staff at Head Office.	0.16	..	..	..	0.08	..
83.	Establishment of a demonstration silk reeling unit at Madakasira ..	..	..	..	..	0.13	..
84.	Deputation of two B.Sc., Graduates for training at All India Sericulture Institute, Mysore ..	..	..	..	..	0.02	..
85.	Provision of training facilities at Hindupur, Palamner and Chintalapudi ..	..	..	..	..	0.04	..
86.	Establishment of twisting Plant	..	..	..	..	0.44	..
87.	Establishment of Marketing centre for purchase of Cocoons produced in Hindupur area	..	..	..	..	0.08	..

XVII.

SUB-HEAD OF DEVELOPMENT: *Village & Small Scale Industries*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Construction of a well	.. No.	1	..	..	..	1	In progrs
(*ii*) Purchase of Incubator	.. do	..	..	..	..	..	..
Construction of a Well	.. do	1	..	..	..	..	In Progress
Supply of Sapplings	.. No. in lakhs	20.00	..	..	..	20.00	One acre reclaimed and Seedlings planted.

STATEMENT.

HEAD OF DEVELOPMENT : *Industries.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
88.	Providing mobile pump set and motor for irrigation of private mulbery garden at Hindupur and Palamaner area	..	..	..	..	0.14	..
89.	Establishment of a Coir Production-cum-training centre at Mogaltur ..	0.48	0.04	0.08	0.12	0.10	0.11
90.	Establishment of Coir Production-cum-training centre at Antervedi ..	0.55	..	..	0.17	0.19	0.27
91.	Establishment of Production-cum-training centre at Tellarevu	0.64	..	0.06	0.15	0.21	0.30
92.	Establishment of Production-cum-training centre in the manufacture of Coir goods and bristle and mattress fibre at Komaragiripatnam.	0.49	..		0.17	0.15	0.38
93.	Establishment of a production wing in the Government Coir School, Barura	0.53	0.05	..	0.12	0.20	0.34
94.	Scheme for the manufacture of bristle and mattress near Amalapuram ..	1.25	..	..	..	0.65	0.18
95.	Gur and Khandasari ..	..	1.00	1.28	..	6.00	..
96.	Provision for loans under Cottage industries loans and subsidy rules 1948. ..	..	0.64	1.00	..	2.00	..
97.	Provision for industrial co-operatives ..	..	..	..	..	1.58	2.40
98	Share Capital and Working Capital loans to primary weavers societies ..	19.38	11.70	2.07	1.09	2.25	2.39

XVII.

SUB-HEAD OF DEVELOPMENT: *Village and Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	ACHIEVEMENTS IN			Target for 1959-60	Achievement in 1959-60.
			1956-1957	1957-1958	1958-1959		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trainees	.. No. per year.	12	..	12	12	12	12
Trainees	.. No. per year.	12	..	..	12	12	12
do.	.. ,,	12	..	..	12	12	12
do.	.. ,,	12	..	..	12	12	12
Production of Coir	.. Rs. in lakhs.	0.58	..	..	0.03	0.20	0.20
Establishment of Production Centres	.. No.	1	..	..	..	1	1
Land to be brought under cane cultivation	.. Acres in lakhs.	N. A.	..	..	..	0.30	..
Loans	.. Rs. in lakhs.	20.10	0.64	1.00	..	2.00	..
Hand Pounding Rice	.. ,,	..	..	..	..	1.58	N. A.
(*i*) Admission of new looms	No.	25,000	5,300	7,800	4,695	5,000	5,500
(*ii*) Production of Cloth	.. Yards in lakhs.	1,684	326	344	450	540	N. F.

STATEMENT

HEAD OF DEVELOPMENT: *Industries.* (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan provisions as revised last	Financial Targets and Achievements				
			1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Exp.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
99.	Expansion of marketing Organisation of Andhra Handloom Weavers' Co-operative Society	10.44	1.03	1.61	2.50	3.31	2.12
100.	Improvement of techniques and organisational expenses	29.89	8.48	7.77	4.83	4.80	3.19
101.	Establishment of Dye Factories	1.20	0.45	0.44	0.11	0.14	0.05
102.	Rebate	148.92	25.00	36.02	38.40	24.50	26.16
103.	Cumbly Industries ..	4.05	..	0.14	0.90	2.00	1.68

XVII.

SUB-HEAD OF DEVELOPMENT: *Village and Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	ACHIEVEMENTS IN 1956-1957	1957-1958	1958-1959	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Sale of Cloth ..	Yds. in lakhs	506	76.06	76.07	93	103	103
(*ii*) Internal Sales Depots	No.	60	17	30	..	28	22
(*iii*) Inter-state depots .	„	..	..	..	..	1	..
(*iv*) Central Depots ..	„	..	..	..	..	2	..
Supply of							
(*i*) Standard Beeds ..	No.	9,900	1,985	360	1,747	665	1,495
(*ii*) Devices to regulate Picks	„	1,980	100	..	..	..	..
(*iii*) Warping Machines .	„	660	90	..	..	66	76
(*iv*) Frame and Pedal looms	„	5,940	142	218	..	..	..
(*v*) Dobbies	„	6,600	1,100	600	..	..	..
(*vi*) Slays	„	N.A.	..	..	..	600	625
(*vii*) Press Machines ..	„	„	..	..	5	13	102
(*i*) Modern Dye Units ..	No.	3	..	..	2	3	..
(*ii*) Production of dyed yarn	No. of bales	25,200	3,008	3,011	..	5000	127
Rebate	Rs. in lakhs	129.52	25.00	36.02	38.40	24	26
(*i*) New Societies ..	No.	6	..	4	6	6	6
(*ii*) New Looms ..	„	675	..	400	500	500	67
(*iii*) Production of rugs and cumblies	Rs. in lakhs.	1.06	0.06	0.07	10,000 (No.)	.10	..
(*iv*) Supply of—							
(*a*) Wool carding machines ..	No.	N.A.	..	..	..	4	4
(*b*) Fly shuttle looms .	„	..	..	..	..	25	40
(*c*) Healds and reeds .	„	..	..	..	..	126	100
(*d*) Opening of Central Depots ..	„	..	..	..	..	1	1

STATEMENT

HEAD OF DEVELOPMENT: *Industries.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
104.	Silk Handloom Industry ..	2.03	0.74	0.25	0.08	0.08	..
105.	Housing Colonies for weavers	18.45	0.71	1.29	..	5.04	3.31
106.	Co-operative Spinning Mills	19.00	..	..	5.00	5.00	7.50
	Schemes subsequently included:						
107.	Model Sheet Metal Workshop at Uravakonda ..	1.80	..	..	..	..	0.06
108.	General Engineering Workshop at Nandyal ..	6.42	..	..	..	..	1.34
109.	Establishment of an Industrial estate at Cuddapah	3.00	..	..	..	..	1.48
110.	Collection of Statistics ..	0.40	..	..	..	..	0.03
	Total for Andhra ..	539.25*	59.18*	109.18*	117.45*	135.87	125.30

XVII.

SUB-HEAD OF DEVELOPMENT : *Village and Small Scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	ACHIEVEMENTS IN			Target for 1959-60	Achievement in 1959-60.
			1956-1957	1957-1958	1958-1959		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Looms to be amitted	No.	400	155	13	14	100	..
(*ii*) Production of Cloth	Yds.in lakhs.	16	0.06	0.14	0.15	0.80	..
(*iii*) Marketing Depots .	No.	N.A.	..	..	..	1	..
(*iv*) Silk dye houses ..	„	..	..	..	..	1	..
Houses to be constructed	No.	475	..	..	..	200	200
Spinning Mill ..	„	1	..	..	..	1	..

STATEMENT

HEAD OF DEVELOPMENT:—*Industries.*

Rs. in lakhs

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TELANGANA.						
1.	Imparting training in Power driven machines at Hyderabad	3.90	0.63	0.70	0.45	0.97	0.74
2.	Model Tannery at Warangal	3.46	0.33	0.27	0.50	1.65	0.04
3.	Manufacture of utility leather goods at Hyderabad ..	3.41	0.62	0.15	0.45	0.96	1.11
4.	Establishment of saw mill-cum-timber seasoning plant at Warangal ..	2.98	0.60	0.30	1.41	0.48	1.07
5.	Establishment of two model carpentry workshops at Warangal & Mahabubabad	2.72	..	0.12	1.10	0.77	1.66
6.	Establishment of two model blacksmithy workshops at Warangal and Khammam .	2.89	..	0.49	0.99	0.60	0.99
7.	Cutlery Industry at Podur in Karimnagar District ..	1.27	0.04	0.24	0.43	0.28	0.35
8.	Manufacture of Splints and Veneers at Mulug ..	2.45	..	0.66	0.14	0.82	..
9.	Establishment of 20 Co-operative work centres at Hyderabad	2.70	0.80	0.46	0.41	0.48	0.40
10.	Establishment of 10 Co-operative Work Centres in the Districts ..	2.35	..	0.63	1.22	0.24	0.20
11.	Brassware Industry at Siddipet	0.05	0.01	0.01 ..	0.01	0.01	0.02
12.	Manufacture of small gauze insulated copper wires at Hyderabad ..	6.67	..	..	5.22	4.37	0.28
13.	Manufacture of fractional H.P. motors at Hyderabad	7.98	..	..	2.90	3.98	1.28

XVII

SUB-HEAD OF DEVELOPMENT: *Village and Small-scale Industries.*

Item	Unit	Second Plan Target	Physical Targets and Achievements — Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60.
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Trainees ..	No.per year	64	30	28	47	64	55
Do	„	10	..	..	..	10	..
Do ..	„	10	..	..	..	10	10
Do ..		6	..	..	..	6	6
Do ..	„	24	..	..	16	24	16
Do ..	„	24	..	..	16	16	16
Production of Cutlery ..	Rs.in lakhs	0.40	..	..	0.05	0.08	0.08
Estt. of Production centre	No.	1	..	..	..	1	..
(*i*) Work centres ..	„	20	..	20	Contd.	Contd.	Contd.
(*ii*) Persons to be employed ..	„	1,000	.	1,000	..	..	..
(*i*) Centres ..	„	10	..	..	..	10	10
(*ii*) Persons to be employed ..	„	250	..	..		250	250
		staff scheme					
Production of insulated copper wire Manufacturing unit ..	Lbs.	25,000	..	..	..	25,000	..
Manufacturing unit	No.	1	..	..	..	1	Building completed

STATEMENT

HEAD OF DEVELOPMENT: *Industries.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
14.	Manufacture of Radio spare parts and receivers at Hyderabad	15.18	..	..	2.44	3.54	0.80
15.	Provision for block loans under Hyderabad State aid to Industries Act ..	37.40	5.50	6.40	8.80	7.00	..
16.	Strengthening the Directorate (Provision for District staff only) of Industries and commerce ..	6.10	..	0.20	0.92	2.25	..
17.	Provision for Jeeps to Asst. Directors of Industries and Commerce ..	0.47	..	..	0.57	0.80	..
18.	Provision for the salaries of Extension Officers (Ind) posted in the Block Areas .	8.92	..	0.25	1.48	3.06	..
19.	Extraction of Katha from Sundrawood in Mulug Project Area	0.36	..	..	..	0.21	0.02
20.	Establishment of furniture mill-cum-saw mill-cum-mechanised wood work shop at Sanatnagar ..	7.43	..	..	0.72	4.19	1.47
21.	Establishment of Ceramic Service Centre at Hyderabad	4.28	..	..	0.75	2.45	0.45
22.	Establishment of Raw materials servicing at Sanatnagar	7.87	..	..	..	2.19	0.67
23.	Establishment of an industrial estate at Sanatnagar	38.86	0.01	10.36	13.28	2.50	16.67
24.	Establishment of an Industrial estate at Warangal ..	10.00	..	..	1.37	6.00	5.82
25.	Carpet and Drugget industry at Warangal ..	0.31	0.03	0.19	0.03	0.03	0.03

XVII

SUB-HEAD OF DEVELOPMENT: *Village and Small scale Industries.*

Item	Unit	Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Tartget for 1959-60	Achievement in 1959-60.
		Physical Targets and Achievements					
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Manufacturing Unit	No.	1	..	..	..	1	Building Completed.
Loans ..	Rs. in lakhs		..	..	..	7.00	included in Andhra scheme.
			Staff scheme.				
Supply of Jeeps	No.	9	..	..	9	..	continuance.
			Staff Scheme.				
		Targets not fixed					
		do	do				
		do	do				
Targets not, fixed.		do	do				
Construction of Buildings	No.	30	..	..	17	13	13
Construction of Buildings	No.	16	..	..	..	16	Nearing completion
(*i*) Estt. of a dye house	No.	1	..	1	Continued		
(*ii*) Production of drugget & carpet Mats	No. per year.	2,000 3,000	1,933 3,000	1,717 4,619	2,000 4,891	2,250 5,000	2,250 3,369

STATEMENT

HEAD OF DEVELOPMENT: *Industries*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26.	Mat weaving Industry at Mahaboobnagar ..	0.21	0.01	0.11	0.03	0.03	0.03
27.	Silver Filigree Industry at Karimnagar	0.39	0.30	..	0.03	0.03	0.03
28.	Ivory and horn industry at Secunderabad ..	0.58	0.16	0.09	0.11	0.11	0.12
29.	Expansion of Government Cottage Industries sales depot, Hyderabad. ..	3.08	1.00	0.03	1.22	0.39	0.68
30.	Staff for Handicrafts ..	0.92	..	0.08	0.21	0.36	0.24
31.	Development of Beads work at Janagaon	0.36	..	0.21	0.03	0.05	0.04
32.	Common facility centre for himroo and bidri workers at Hyderabad	0.49	..	..	0.69	0.16	0.16
33.	Survey of Handicrafts. ..	0.45	..	..	0.03	0.18	0.05
34.	Opening of one class II procurement cum sales depo at Warangal	0.78	..	..	0.30	0.36	0.46
35.	Scheme for grants and loans to individual craftsmen who are dispursed and cannot be organised into Co-operatives	0.15	..	..	..	0.10	..
36.	Common production facility centre for nirmal toy industry at Nirmal ..	0.12	..	..	..	0.10	0.10
37.	Provision of mobile publicity van with staff ..	0.24	..	..	..	0.20	..
38.	Scheme for quality marketing	0.19	..	..	..	0.10	0.02

XVII

SUB-HEAD OF DEVELOPMENT: *Village and Small Scale Industries*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Artisan to be brought under co-op. fold.	No.	50	..	35	15	..	..
(*ii*) Cost of silver filigree production ..	Rs. in lakhs per year	0.50	..	0.24	0.07	0.20	0.51
Trainees	No. per year	8	..	8	8	8	8
Sales per year	Rs. in lakhs	5.0	5.00	3.50	4.29	6.50	6.00
		Staff scheme					
Workers to be benefited ..	No.	50	..	50	..	..	..
(*i*) Himbroo workers ..	No.	25	..	..	..	25	78
(*ii*) Bidri workers ..	No.	25	..	..	..	25	30
		staff scheme					
Opening of sales Depot ..	No.	1	..	..	1	..	..
Grant of Loans ..	Rs. in lakhs	0.15	..	..	..	0.10	..
Workers to be benefited ..	No.	50	..	..	..	50	..
		Staff scheme					

STATEMENT

HEAD OF DEVELOPMENT : *Industries.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
39.	Development of Nirmal Industry at Khairatabad ..	1.11	..	..	..	0.61	0.10
40.	Common Production facility centre for ivory and Horn work at Secunderabad ..	0.15	..	..	..	0.15	0.03
41.	Development of Block Printing Industry ..	0.22	..	..	..	0.14	0.06
42.	Training-cum-demonstration farm at Bicknoor ..	0.54	0.07	0.08	0.10	0.13	0.11
43.	Establishment of tassur seed station at Venkatapuram	1.00	0.01	0.08	0.58	0.31	0.28
44.	Establishment of Tassurseed station at Mahadevpur ..	0.77	0.01	0.03	0.30	0.30	0.19
45.	Establishment of an experimental eriseed farm at Shadnagar	0.58	0.01	0.10	0.12	0.16	0.14
46.	Scheme to reinforce the Government Silk Farm at Manair	0.77	..	0.10	0.10	0.30	0.22
47.	Establishment of mulbery nursery at Manair ..	0.41	..	0.12	0.07	0.15	0.15
48.	Establishment of Basic seed centre at Bicknoor ..	0.90	..	0.17	0.35	0.19	0.06
49.	Strengthening of the Government Silk farm at Salvai	0.84	..	0.06	0.37	0.21	0.24
50.	Organisation of farmers day in Sericultural areas ..	0.05	..	0.01	0.02	0.01	0.01
51.	Organisation of tassur culturists day in tassur areas	0.04	..	0.01	0.01	0.01	0.01

XVII.

SUB-HEAD OF DEVELOPMENT : *Village and Small-scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Workers to be benefited ..	No.	20	..	..	..	20	..
Workers to be benefited ..	No.	20	..	..	..	20	..
Trainees	No.	50	..	6	6	12	12
(*i*) Trainees	No. per year	12	..	..	12	12	12
(*ii*) Supply of disease free tassur seed ..	ozs per year	20,000	N. A.	N. A.	N. A.	10,000	10,000
(*i*) Trainess	No. per year	12	..	..	12	12	12
(*ii*) Supply of disease free seed cocoons ..	ozs per year	20,000	N.A	N.A.	N. A.	10,000	36,410
(*i*) Estt. of eri Silk farm	No.	1	..	1	..	..	..
(*ii*) Production of eri seed cocoons ..	lbs.	N.A.	..	..	268	800	160
Trainees	No. per year	12	..	..	12	12	12
Mulbery grafts to be supplied	No. per year	12,000	..	N.A.	6,000	10,000	24,500
Area to be brought under cultivation ..	Acres	250	..	..	50	200	5
(*i*) Trainees	No. per year	12	..	3	5	12	8
(*ii*) Area to be brought under cultivation ..	Acs.	200	..	..	18	250	200
Celebration of farmers day.	No.	5	..	1	1	1	1
Celebration of tassur culturists day	No.	5	..	1	1	1	1

STATEMENT

HEAD OF DEVELOPMENT : *Industries.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
52.	Scheme for the study tours and training of fresh candidates	0.04	..	..	0.02	0.01	0.02
53.	Providing irrigation facilities in the Government silk farm at Salvai ..	0.10	..	..	..	0.10	0.01
54.	Study of mulbery cuttings to private agriculturists ..	..	..	..	..	0.02	..
55.	Peripatetic demonstration Party (tassur culture) in Chennai area	0.14	..	..	..	0.08	0.02
56.	Establishment of Sericultural demonstration centre at Siddipet		..	..	..	0.17	..
57.	Establishment of propaganda station at Mulug ..	..	..	..	..	0-02	..
58.	Establishment of Erircaring demonstration centre in Nalgonda district ..	..	..	..	..	0.06	..
59.	Share capital and working capital loans to weavers societies	5.70	3.64	0.15	0.31	0.87	0.73
60.	Expansion of marketing organisation of Apex. Society	4.11	0.37	0.25	0.99	1.54	1.18
61.	Improvement of techniques and organisational expenses	7.66	0.99	0.92	1.90	1.91	1.75
62.	Establishment of Dye factories	0.32	0.24	..	..	0.04	..
63.	Rebate	76.61	13.43	20.35	22.38	10.50	8.84

XVII.

SUB-HEAD OF DEVELOPMENT : *Village and Small-scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Officials deputed	.. No.	N.A.	..	..	2	4	2
Construction of wells	.. No.	1	..	..	..	1	in progress.
	Targets not fixed						
Admission of new looms	.. No.	3,278	382	500	1,305	2,000	500
Opening of Internal sales depots	No.	115	3	30	21	12	..
Supply of :							
(*i*) Standard reeds	No.	N.A.	..	..	..	335	..
(*ii*) Slays	No.	(2,9,646)	7,575	1,350	1,308	300	350
(*iii*) Warping machines .	No.	(..)	..	..	..	34	40
Modern Dye unit ..	No.	60	32	..	..	1	..
Rebate	Rs. in lakhs	76.61	13.43	20.35	22.33	10.50	8.87

STATEMENT

HEAD OF DEVELOPMENT : *Industries.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
64.	Wool Industry (Cumbly Industry)	18.87	1.97	2.54	4.15	3.58	2.86
65.	Development of Silk Industry	0.85	..	0.03	0.21	0.23	0.03
66.	Housing Colonies for weavers	11.83	..	2.11	1.08	2.11	7.66
Schemes subsequently included ..							
67.	General Engineering workshop, Warangal ..	..	..	..	..	..	1.67
68.	Fifth All India Handicrafts week	..	..	..	..	..	0.14
69.	Co-operative Spinning Mill	12.30	..	12.30	..	..	7.50
70.	Collection of Statistics. ..	0.33	..	..	..	..	0.03
	Total for Telangana ..	336.90	96.04	67.84	81.93	75.41	69.22
Grand total for Andhra Pradesh		876.15	95.22	177.02	199.38	211.28	194.52

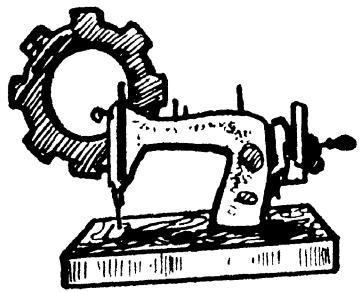
XVII.

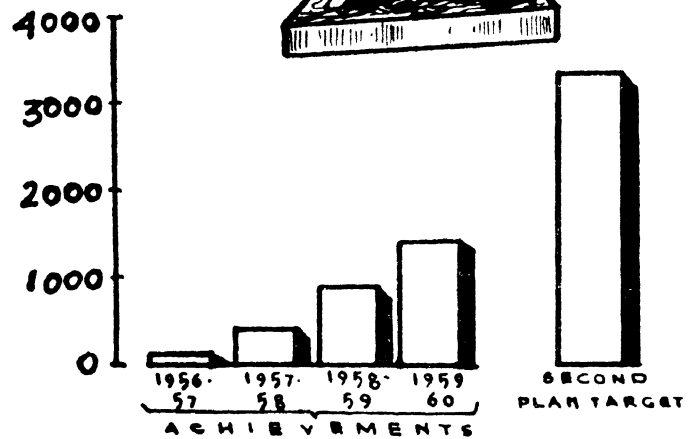
SUB-HEAD OF DEVELOPMENT : *Village and Small-scale Industries.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Admission of weavers	No.	6,000	..	1,500	700	500	322
(*ii*) Supply of:							
(*a*) Fly shuttlelooms .	No.	N.A.	..	..	..	75	60
(*b*) Healds & reeds ..	No.	N.A.	..	..	..	374	150
(*c*) Wool carding machines. ..	No.	..	..	..	..	11	6
(*iii*) Opening of:							
(*a*) Central Depots ..	No.	..	..	..	4	1	1
(*b*) Internal sales depots.	No.	..	..	..		2	1
(*i*) Looms to be admitted	No.	1,375	..	261	500	..	..
(*ii*) Opening of Marketing Depots	No.	5	..	2	6	2	..
(*iii*) Silk Dye houses ..	No.	5	..	1	1	1	..
(*iv*) Looms to be brought under production activity	No.	1,400	..	..	278	200	..
Houses to be constructed .	No.	800	..	200	200	200	200

INDUSTRIES

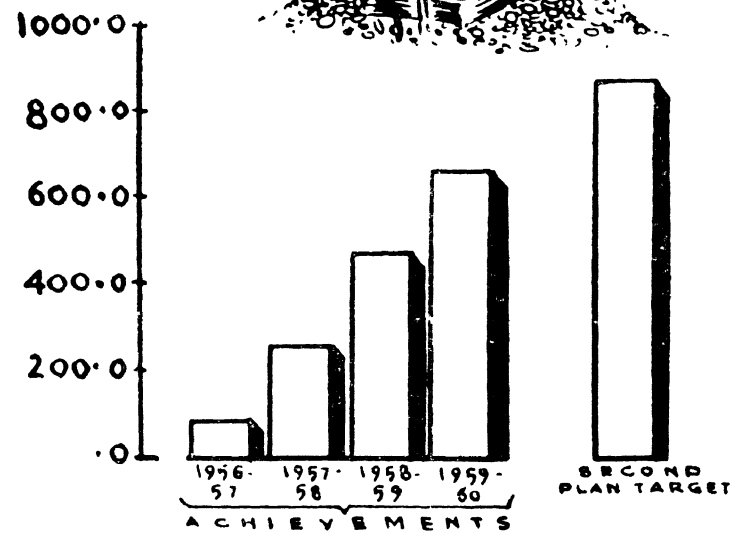
CANDIDATES TRAINED IN VARIOUS VILLAGE & SMALL SCALE INDUSTRIES





EXPENDITURE ON VILLAGE AND SMALL SCALE INDUSTRIES.





CHAPTER XXI

Roads.

Towards the development of Roads and Tourism in the State during 1959-60, an amount of Rs. 180.50 lakhs was originally provided in the Budget for 1959-60 for implementing 10 main schemes costing Rs. 116.50 lakhs in Andhra and 5 schemes costing Rs. 64.43 lakhs in Telangana. This provision was subsequently revised to Rs. 114.50 lakhs for Andhra and Rs. 60.97 lakhs for Telangana. The 15 main schemes mentioned above involve 157 works, out of which 33 works could not be taken up due to certain technical and other reasons.

But 61 works in Andhra and 21 works in Telangana which were not originally included in the Plan for 1959-60 were implemented during the year by meeting the expenditure from the provision made in the Revised Estimates and from out of the savings of the other schemes. By the close of the year, there was a total expenditure of Rs. 166.27 lakhs—Rs. 98.19 lakhs in the Andhra Region and Rs. 68.08 lakhs in the Telangana Region.

A short account of the progress made in respect of each of the schemes is given below:

Andhra

State Roads (Spill over works):

An amount of Rs. 2.93 lakhs was originally provided in the plan for 1959-60 for metalling 1.M—4.F. of roads, new formation of 1.M.—4.F. and construction and improvements to bridges and culverts costing Rs. 2.13 lakhs. On all these works, a sum of Rs. 3.06 lakhs was spent till the close of the year for the new formation of 1 mile and metalling the roads to the extent of 1M-4F besides the construction and improvements to the bridges and culverts at a cost of Rs. 2.27 lakhs. Of the 26 spill over works included in the Plan for the year, 15 works were completed and the rest were in various stages of progress.

State Roads (new Works) :

A sum of Rs. 41.69 lakhs was originally provided for executing 125 works to form 2.0 miles of new roads, 8.0 miles of metalling and 144 miles of Black-topping besides the construction and improvements to bridges and causeways at a cost of Rs. 10.37 lakhs. Against this, a sum of Rs. 51.52 lakhs was spent till the end of March, 1960. The achievements included the formation of new roads over a length of 2 miles, metalling 8.0 miles, black-topping 149–2 miles and construction and improvement of Bridges and causeways costing Rs. 13.89 lakhs. Out of 125 works taken up during the year, 27 works were completed and the others were in different stages of progress.

Upgrading of Roads taken over to the Control of Government :

During the first three years of the Plan 734 miles of District Board Roads were taken over and during 1959-60 it was proposed to take over another 244 miles. For the maintenance of the roads taken over from the local bodies, in proper condition, an amount of Rs. 20.00 lakhs was set apart in the Plan for 1959-60 against which Rs. 12.71 lakhs was spent till the close of March, 1960 and 155 miles of roads were taken over to the control of Government.

Avenues :

Towards the development of avenues, an amount of Rs. 0.50 lakhs was provided in the current year's Plan and the entire provision was utilised by the end of March, 1960.

Other Roads (Spill-over-works) :

During 1959-60 it was proposed to sanction grants to the tune of Rs. 15.00 lakhs to 11 Zilla Parishads in Andhra Region for the completion of the incomplete works of P.W.R.D. Works. By the end of March, 1960 a sum of Rs. 12.23 lakhs was sanctioned to the 10 Zilla Parishads.

Other Roads (New Works) :

An amount of Rs. 6.00 lakhs was provided in the Plan for 1959-60 for granting loans to Zilla Parishads on a matching contribution basis with a view to enabling them to take up new works coming under P.W.R.D.

schemes. By the end of March, 1960 a sum of Rs.5.20 lakhs was disbursed to the 11 Zilla Parishads.

Tools and Plant :

Towards the purcahase of modern mechanical equipment such as Hydraulic jacks, Vibrators, pumps and engines etc., for the efficient execution of several roads works and to time schedule, an amount of Rs. 9.00 lakhs was provided in the Budget for 1959-60. But, due to imported restrictions, machinery valued at Rs. 2.08 lakhs only could be purchased by the end of March, 1960.

State's Share of National Highways No. 5 Diversion Scheme :

Towards the commitment of the State Government for the diversion of Madras-Calcutta Road (National Highways No. 5) and for the construction of bridges across the two arms of the Godavari, a sum of Rs.4.88 lakhs was originally provided in the Budget for 1959-60. This provision was subsequently revised to Rs. 1.95 lakhs and against this a sum of Rs. 1.45 lakhs was spent till the end of March, 1960.

Roads in Village Plans :

For the construction of new village and inter-village roads, culverts and brides, an amount of Rs. 15.00 lakhs was provided in the Budget for 1959-60. Under the scheme block loans were to be given to the Zilla Parishads for implementation of the programme, the selection of works being made on the basis of the matching contributions from the beneficiaries. By the end of March, 1960 a sum of Rs. 7.36 lakhs was disbursed to the 11 Zilla Parishads as block grants.

DEVELOPMENT OF TOURISM

For the convenience of tourists it was proposed under this scheme to construct rest houses and effect improvements to the inspection bungalows, Travellers' Bungalows etc. In the current year's plan, a sum of Rs.1.09 lakhs was provided for expenditure on the construction of Rest House at Simhachalam, Travellers Bungalow at Ethipothala Water falls, Lepakshi, L.I.G. Rest House with 16 beds at Amaravathi and towards the improvements to the P.W.D. Bungalow at Penukonda and other

schemes like providing furniture to the Travellers' Bungalows and Inspection Bungalows. But during the year the work relating to the construction of Traveller Bungalow at Srisailam, L.I.G. Rest House at Amaravathi, Circuit House on Horsely Hills, were in execution and on these schemes a sum of Rs. 1.59 lakhs was spent till the end of March, 1960. During the year the construction of Travellers Bungalow at Srisailam, L.I.G. at a Amaravathi, Circut House on Horsely Hills was completed and the work in respect of other works is in progress. In addition furniture was provided in the P.W.D-Inspection Bungalow at Penukonda, Travellors Bungalow at Srisailam, Mahanandi, Simhachalam.

Road Transport :

In the current year's plan a sum of Rs. 29.83 lakhs was provided towards the State's contribution to the capital account of the Andhra Pradesh Road Transport Corporation. During the year, the Corporation has purchased 200 vehicles at a cost of Rs. 100.00 lakhs and these vehicles were used for the nationalistion of Road Transport in Krishna District. The entire provision of Rs. 29.83 lakhs was spent during the year towards the State Contribution.

Telangana

Spill-over Works :

A sum of Rs. 3.09 lakhs was provided in the Budget for 1959-60 for continuing 10 spill-over roads works of first Five Year Plan. But, work in respect of 3 works could not be taken up during the year. However, one more work for which no provision was made in the Budget, was executed during the year along with the other seven works and on all these eight works a sum of Rs. 2.38 lakhs was spent till the end of March, 1960 for the new formation of roads over a length of 4 furlongs and construction of bridges and culverts at a cost of Rs. 1.12 lakhs.

New Road Works :

Thirty works were proposed for execution during 1959-60 at a cost of Rs. 37.69 lakhs. Of this 6 works were not started and 8 new works for which no provision was made in the Budget were executed during the year. Thus during the year 32 works were in execution and for

all these works a sum of Rs. 36.27 lakhs was provided in the Revised provision and against this a sum of Rs. 33.21 lakhs was spent till the close of the year. During the year new road over a length of 76 miles were metalled and 22½ miles were metalled and cement concreted besides the constructions of bridges and culverts at a cost of Rs. 0.11 lakh and upgrading 9 miles of Roads.

Dust Proofing Works :

It was originally proposed to black top 15 works at an estimated cost of Rs. 20.00 lakhs. But, subsequently 12 more works were included and on all these 27 works, a sum of Rs. 30.18 lakhs was spent till the end of March, 1960 and dust proofing of roads over a length of 196 miles was completed as against 119 miles envisaged in the annual programme.

Survey Divisions :

An amount of Rs. 1.61 lakhs was provided during 1959-60 towards the cost of establishment of the survey divisions for surveying and estimating the new schemes of the Second Five-Year Plan. Against this a sum of Rs. 1.72 lakhs was spent till the end of March, 1960 and 21 miles of roads were surveyed and 65 miles of new road schemes were estimated.

Development of Tourism

Towards the development of Tourism in the State a sum of Rs. 2.04 lakhs was provided in the current year's plan for expenditure on the construction of Rest Houses at Mulug, Pakhal Lake, Osmansagar, Himayatsagar, Badhrachalam and Faharabad. But, during the year the work relating to the construction of Rest Houses at Badhrachalam, Mulug and Pakhal Lake, was in execution. In addition, the work relating to the construction of Rest House at Alampur was also taken up during the year. On all these works, a sum of Rs. 0.87 lakh was spent till the end of March, 1960 and the works are in progress.

Statement XVIII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Transport and Communications* (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan Provision as revised last	Financial Targets and Achievements 1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	State Roads (Spill-over works)	30.00	6.35	10.79	5.76	2.98	3.06
2.	State Roads (New Works) ..	98.25	5.80	14.79	26.20	41.69	51.52
3.	Upgrading and maintenance of Roads taken over to the control of Government ..	56.29	..	3.79	7.02	20.00	12.71
4.	Avenues	2.00	0.80	0.17	0.35	0.50	0.50
5.	Other Roads (Spill over works)	70.00	..	10.11	11.57	15.00	12.28
6.	Other Roads (New Works)	16.00	..	0.24	4.44	6.00	5.20
7.	Roads in village plans ..	38.40	..	3.51	4.89	15.00	7.36
8.	Tools and Plant ..	30.50	4.17	2.78	4.34	9.00	2.09

XVIII

SUB-HEAD OF DEVELOPMENT: (*Roads.*)

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. New Construction.							
(*a*) Cement concreting and black topping	Miles.	7-0	1-4	0-8	1-6	3-2	1-0
(*b*) Water bound macadum.							
2. Improvements to existing roads.							
(*a*) Cement concreting and black topping	,,	6-0	..	2-0	..	..	..
(*b*) Water bound macadum.	,,	11-3	2-6	4-4	..	2-5	1-4
3. Bridges and causeways	Rs. in lakhs.	19.35	4.29	10.17	4.60	1.77	2.27
4. Miscellaneous.							
1. New construction.							
(*a*) C. C. and B. T.	Miles.	57	1-0	6-0	2-7	10.2	2-0
(*b*) Water bound macadum.							
2. Improvements.							
(*a*) C. C. and B. T.	,,	422-2	40-0	62-4	71-5	34.2	149-2
(*b*) Water Bound Macadum.	,,	81-5	1-0	6-0	12-0	17.4	8-0
3. Bridges and causeways Lakhs.	Rs. in lakhs.	52.84	0.41	4.35	8.84	14.78	13.89
4. Miscellaneous.							
Upgrading and Maintenance of Roads	Miles	1050	268	192	274	244	155
Development of Avenues	Rs. in lakhs.	2.00	0.80	0.17	0.35	0.50	0.50
Grants to be paid	,,	70.00	..	10.11	11.57	15.00	12.23
,,	,,	16.00	..	0.24	4.44	6.00	5.20
,,	,,	38.40	..	3.51	4.89	15.00	7.36
Value of tools to be bought	,,	30.50	4.17	2.78	4.34	9.00	2.09

STATEMENT

HEAD OF DEVELOPMENT: *Transport.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9.	State share of National Highways No. 5 Diversion Scheme	34.50	1.80	4.89	3.80	4.88	1.45
Tourism							
10.	Construction of Rest House at Simhachalam ..	0.44	..	0.21		0.02	
11.	Construction of a Rest House at Ethipothala water falls	..	..	..		0.24	
12.	Other schemes (Furnishing of T. B. and I.B.) ..	0.19	..	..	0.94	0.20	1.59
13.	Construction of T. B. at Lepakshi	..	..	..		0.17	
14.	Improvements to the P.W.D. Inspection Bungalow at Penukonda	0.08	..	..		0.08	
15.	Construction of L.I.G. Rest House with Beds at Amaravathi	1.09	..	..		0.38	
16.	Road Transport ..	31.66	..	..	..	29.83	29.83
	Total for Andhra ..	412.37*	18.42*	47.89*	69.31	145.92	127.54

XVIII.

SUB-HEAD OF DEVELOPMENT: *Roads.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
State Share	Rs. in lakhs	34.50	1.80	4.89	3.80	4.88	1.45
Construction of Buildings..	No.	1	..	..	..	..	..
,, ..	,,	1	..	..	..	..	..
Improvements Scheme.							
Construction of Building ..	No.	1	..	..	..	1	..
Improvements Scheme.							
Construction of Building ..	No.	1	..	..	..	1	..

STATEMENT

HEAD OF DEVELOPMENT: *Transport.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Eupenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana.						
1.	Spill over works ..	35.00	11.15	7.98	6.80	3.09	2.38
2.	New Road Works ..	91.70	0.80	2.42	12.10	37.69	33.21
3.	Dust Proofing Works ..	50.00	0.68	3.00	23.50	20.00	30.18
4.	Survey Divisions ..	8.70	..	1.51	1.64	1.61	1.72
	Tourism						
5.	Upper Income Group Rest House at Mulug ..	..	..	..	..	0.25	
6.	Upper Income Group Rest House at Pakhal Lake, Warangal	0.50	..	..	..	0.25	8.87
7.	Low Income Group Rest House each at Osmansagar and Himayatsagar ..	0.50	..	..	..	0.52	0.85
8.	Low Income Group Rest House at Manthani ..	..	..	..	..	0.25	

XVIII.

SUB-HEAD OF DEVELOPMENT: *Roads.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. New Construction ..							
(a) C.C. and B.T. (b) Water Bound Macadum.	Miles	180-0	50-0	62-0	4-0	2-0	0-4
2. Improvements ..							
(a) C. C. and B. T. (b) Water Bound Macadum.	..	..	..	..	..	2-5	..
3. Bridges and causeways	Rs in lakhs	..	..	..	..	2.24	1.12
1. New Works ..							
(a) C. C. and B. T. (b) Water Bound Macadum	Miles	250-0	2-4	20-0	15-7	51-3	107-4
2. Improvements Water Bound Macadum	Miles	..	..	..	..	19-1	..
3. Bridges and causeways	Rs in lakhs	..	..	..	..	1.60	0.11
Black Topping ..	Miles	350-0	3-4	70-0	172-5	..	196-0
Cost of Divisions	Rs. in lakhs	8.70	..	1.51	1.84	1.61	1.72
Construction of Buildings ..	No.	1	..	..	..	1	..
do ..	,,	1	..	..	..	1	..
do	,,	2	..	..	..	2	..
do ..	,,	1	..	..	..	1	..

STATEMENT

HEAD OF DEVELOPMENT : *Transport.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (*Rs. in lakhs*)					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9.	Low Income Group and Upper Income Group Rest Houses, Bhadrachalam ..	0.50	..	..	..	0.52	
10.	Rest House at Faharabad ..	0.50	..	..	..	0.25	
	Total for Telangana ..	189.40*	12.63	14.91	44.04	64.43	68.36
	Grand Total for Andhra Pradesh ..	601.77*	31.05	62.80*	113.35	210.35	195.90

*Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and/or

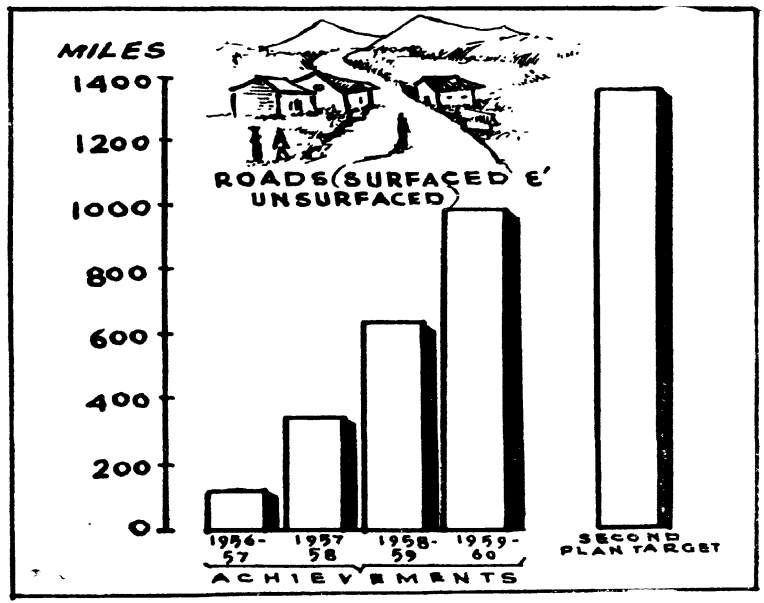
XVIII.

SUB-HEAD OF DEVELOPMENT : *Roads.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
do	.. ,,	2	..	..	..	2	..
do	.. ,,	1	..	..	..	1	..

schemes which are proposed to be taken up during 1960-61.

TRANSPORT


MILES
1400
1200
1000
800
600
400
200
0
ROADS (SURFACED & UNSURFACED)
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

CHAPTER XXII

Education.

A sum of Rs. 1,094.14 lakhs (revised) was earmarked for the development of General and Technical Education in the State during the Second Plan period. Out of this an amount of Rs. 432.72 lakhs was spent during the first three years of the Plan while in the fourth year, an expenditure of Rs. 359.01 lakhs was incurred for implementing all the schemes designed for this purpose. Thus by the end of the fourth year as much as Rs. 791.73 lakhs was spent on the Educatinal programmes, leaving the balance of Rs. 302.41 lakhs only for expenditure in the last year of the Plan. As this will not be sufficient to sustain the tempo of development, it was also proposed to enhance the provision for the development of education in the State. It may also be noted that the fourth year's achievement was largely responsible for the rapid strides in the educational programmes in the State and short account of the progress of the different programmes during 1959-60 is given below:

General Education.

1. *Elementary Education:*

During the year 1959-60, a provision of Rs. 96.70 lakhs was originally made for the implementation of the schemes under this group. This provision was later raised to Rs. 108.77 lakhs and the expenditure actually incurred was Rs. 105.27 lakhs. During the year under review, 1,000 new Primary Schools, 81 Junior Basic Schools and 93 new Middle Schools were opened while 300 Elementary Schools were converted into Junior Basic Schools and 11 Higher Elementary Schools were converted into Middle Schools, besides maintenance of the institutions opened during the previous three years. Further, one post-Basic School was opened at Tirruvuru. 43,800 pupils of 6—11 age-group and 16,190 pupils of 11—14 age-group were additionally enrolled. Five more ordinary training schools were converted into the Basic pattern in addition to the four already converted in the year 1958-59 and 3 new Basic Training Schools and one ordinary Training School were opened. With the extension

of the scheme to 5 more Districts *viz.*, East Godavari, Cuddapah, Guntur, Kurnool and Srikakulam during the year, the taking over of Elementary schools was completed in all the 11 districts of Andhra Region. The scheme for establishing one Government Middle School for Girls at each Taluk Headquarters not already provided with such schools was taken up and 10 schools were opened during the year under review. Taking the work load into consideration, the educational districts were reorganised and 4 new District Educational Officers' Offices were opened at Vizainagarm, Tanuku, Adoni and Kanigiri. For the prompt and efficient discharge of their duties, all the District Educational Officers were also supplied with Jeeps. Under the scheme for the relief of educated unemployed, 880 teachers and 15 Deputy Inspectors of Schools were appointed and the construction of 100 quarters for women teachers at a cost of about Rs. 3,000 each was taken up.

Under the special scheme for Womens' Education, 2 new Training Schools for Adult Women were opened at Pulivendla of Cuddpah District and Gannavarm of Krisna District. An experimental scheme for the supply of Midday meals in one selected block in each district was also implemented. The salaries of all catagories of teachers were improved and common sclaes of pay were made applicable to teachers in schools of all types of managements. There were 163 Samithi Blocks in Andhra Region during 1959-60 and each one of them was given a special grant of Rs. 7,500 to be spent for construction of elementary school buildings supplemented by local contributions upto not less than 1/3rd of the total cost of each work. With a view to attracting sufficient number of candidates for Teacher Training, stipends at the rate of Rs. 20 p.m. for each pupil were instituted for girls in X and XI classes who undertake to take up teacher training at the completion of their Secondary School course. The construction of permanent buildings for the post-graduate Basic Training College, Pentapadu, and its sister institutions and the construction of buildings for the Government Basic Training Schools, Vomaravalli, Tadikonda and Karvetinagar were also completed.

2. *Secondary Education* :

For the development of Secondary Education in the Andhra area an amount of Rs. 28.10 lakhs was originally

provided in the Plan for 1959-60 and it was subsequently enhanced to Rs. 49.08 lakhs. Against this, the expenditure actually incurred was Rs. 66.02 lakhs. Besides, the maintenance of the institutions opened during the previous years, 14 new High Schools, and 152 additional sections were opened during the year. Eight High Schools were converted into Higher Secondary Schools in addition to the 33 schools converted during the preceding years; and another 36 schools were given advance grants towards their conversion into Higher Secondary Schools in the next year. 22 Local Body High Schools were given a grant of Rs. 30,000 each for the construction of Laboratory Blocks towards the improvement of teaching of Science. Besides, this, large sums of money were spent for giving grants to local body and aided High Schools for Improvement in buildings, furniture and equipment. The teaching of Sanskrit was newly introduced in one additional school in each district. A team of 5 subject Inspectors was appointed for inspecting the upgraded High Schools in the State. The pay scales of teachers appointed for teaching the XI and XII classes of upgraded High Schools were improved and a scheme for the award of 50 scholarships to pupils in VII class was sanctioned. One post of Physical training Instructor in each of the Boys' Multipurpose schools was upgraded into that of Physical Director. A scheme for the construction of permanent buildings for the Government Training College, Kurnool was sanctioned. The management of the Saraswathi Memorial Girls' High School, Bapatla was taken over by the Government. The schemes for the conduct of Citizenship training and for the conduct of Technical Teachers' Certificate courses were also implemented as usual.

3. *University Education*:

Against the original plan programme for an expenditure of Rs. 24.56 lakhs towards University Education, the enhanced provision and the actual expenditure under this Head during the year were Rs. 39.52 lakhs and 39.08 lakhs respectively. During the year, the Andhra University was given a grant of Rs. 13.00 lakhs and the Sri Venkateswara University was given a grant of Rs. 8.96 lakhs. The following three schemes were implemented at a cost of Rs. 17.12 lakhs.

1. Introduction of 3 year Degree Course.

2. Construction or extension of Buildings for the Government Arts Colleges at Srikakulam, Kakinada, Guntur and Kurnool.

3. Building grants to Aided Colleges.

4. *Other Educational Schemes*:

Under this group, the following 9 schemes were taken up for implementation during th year under review for which a sum of Rs. 10.29 lakhs was originally allotted. But, a sum of Rs. 12.30 lakhs was spent on all these schemes by diverting the funds from other groups under "General Education".

		(*Rupees in lakhs*)
1.	Expansion of N.C.C. and A.C.C. ..	10.32
2.	Schemes relating to Physical Education ..	0.06
3.	Propagation of Hindi	0.59
4.	Development of Schools for the Physically handicapped children	0.22
5.	Planning and Statistical Unit ..	0.12
6.	Expansion of Library Movement ..	0.66
7.	Improvement of Audio-Visual Education	0.07
8.	Scholarships and Educational concessions	0.08
9.	Other Miscellaneous Schemes ..	0.18
	Total ..	12.30

Telangana.

1. *Elementary Education :*

During the year 1959-60, a provision of Rs. 65.65 lakhs was originally made for implementation of the schemes under this group. This provision was later raised to Rs. 70.38 lakhs and the expenditure actually incurred amounted to Rs. 69.86 lakhs. During the year all the institutions opened in the previous three years were maintained. In addition, 720 new primary schools and 34 new Middle schools were opened while 119 Elementary schools were converted into Junior Basic Schools. One Pre-primary 2 Teachers Training School was opened at

Hyderabad. 34,560 pupils of 6–11 age-group and 4,720 pupils of 11–14 age-group were additionally enrolled. Realising that the success of Plan depends on an adequate and timely supply of trained teachers, 10 Secondary and 15 Elementary Grade Training Sections (organised into 10 training schools) were established. Evening Training courses were organised a 6 centres in the Twin Cities of Hyderabad and Secunderabad. 2,332 untrained teachers were deputed for training. With a view to attracting sufficient number of candidates for teacher-training, stipends at a special rate of Rs. 35 p.m. for Secondary Grade and Rs. 30 p.m. for Elementary Grade were sanctioned for the candidates in Telangana area. Stipends at the rate of Rs. 20 p.m. were also instituted for Girls in X and XI classes who undertake to take up teacher training courses after the completion of their Secondary School course.

Under the scheme for the relief of educated unemployed, 720 teachers and 15 Deputy Inspectors of Schools were appointed and the construction of 100 quarters for women teachers at a cost of about Rs. 3,000 each was taken up. Under the special scheme for Women's Education, one more training school for Adult Women was opened at Warangal in addition to the one opened during 1958-59. An experimental scheme for the supply of Midday meals in one of the selected blocks in each district was implemented. The salaries of all categories of teachers were improved and common scales of pay were made applicable to teachers in schools of all types of managements. There were 72 Samithi Blocks in the Telangana region and each one of them was given a special grant of Rs. 7,500 to be spent for the construction of elementary school buildings supplemented by local contributions upto not less than one third of the total cost of each work. A policy of establishing at least one Government Middle School for Girls at each Taluk Head-quarters not already provided with a school was taken up for implementation and under this scheme 11 schools were opened during the year under review. For the prompt and efficient discharge of their duties, all the District Educational Officers were supplied with jeeps. The construction of buildings at an estimated cost of Rs. 2.10 lakhs each for the Government Basic Training Schools at Medchal, Mahbubnagar, Karimnagar, Nalgonda, Warangal, Medak, Madhira and Sangareddy was in progress. The scheme for Free

Education upto IIIrd Form was extended to Telangana area during the year under review.

2. *Secondary Education :*

For the development of Secondary Education in the Telangana Region an amount of Rs. 33.27 lakhs was originally provided in the Plan for 1959-60 and it was subsequently raised to Rs. 50.98 lakhs. Against this, the expenditure actually incurred was Rs. 39.27 lakhs. Besides maintaining the institutions opened prior to 1959-60 during the Second Plan period 15 new High Schools and 97 additional sections were opened during the year. 5 High Schools were converted into Higher Secondary Schools and 4 Schools were converted into Multipurpose schools. One new Government Training College was opened at Hyderabad. 45 Local body High Schools were given a grant of Rs. 30,000 each for the construction of Laboratory Blocks towards the improvement of teaching of Science. The teaching of core subjects has been improved in another 22 High Schools. A Hindi–Pandit's Training Course was organised at Hyderabad. Large sums of money were spent for giving grants to Aided High Schools for improvement in buildings, furniture and equipment. 7 Aided High Schools were given advance grants towards their conversion into Higher Secondary Schools during 1960-61. Teaching of Sanskrit in one High School per District was made compulsory. A team of 5 subject-inspectors was appointed for inspecting the upgraded High Schools in the State. The pay scales of teachers appointed for teaching XI and XII classes of upgraded High Schools were improved and a scheme for the award of scholarships to pupils in XII class was sanctioned. One post of Physical Training Inspector in each of the Boys' Multipurpose Schools was upgraded into that of a Physical Director.

3. *University Education* :

Against the original Plan programme for an expenditure of Rs. 7.27 lakhs towards University education, the enhanced provision and the actual expenditure under this group during the year was Rs. 15.02 lakhs and Rs. 15.15 lakhs respectively. During the year, the Osmania University was given a grant of Rs. 12.75 lakhs. A new Aided Arts College for women was opened during the year at Secunderabad.

The following schemes have also been implemented during the year under review on account of which a sum of Rs. 3.40 lakhs was spent.

1. Introduction of a 3 year Degree Course.

2. Development of Nagarjuna Government College, Nalgonda.

3. Equipment grants to Aided Colleges.

4. *Other Educational Schemes :*

The original provision of Rs. 13.16 lakhs for implementing the schemes indicated below was enhanced to Rs. 13.96 lakhs ; and out of this a sum of Rs. 12.06 lakhs was spent during the year under review :

		(*Rs. in lakhs.*)
1.	Expansion of N.C.C. & A.C.C. ..	3.23
2.	Scheme relating to Physical Education ..	1.09
3.	Propagation of Hindi	0.73
4.	Development of the School for the Blind & Deaf, Malakpet	1.14
5.	Expansion-of the Library Movement ..	4.29
6.	Riyayathi Scholarships	1.20
7.	Improvement of Domestic Science: ..	0.03
8.	Schemes relating to Social Education ..	0.27
9.	Other Miscellaneous Schemes	0.08
	Total ..	12.06

Technical Education

The Second Plan Provision for the Technical Education schemes has been revised to Rs. 218.32 lakhs against the original allotment of Rs. 219.59 lakhs. Of this, a sum of Rs. 158.47 lakhs pertain to the schemes of the Andhra Region while the remainng amount of Rs. 58.85 lakhs relate to the Telangana Region. During the first three years of the plan a sum of Rs. 104.44 lakhs was spent in the State.

A short account of the progress made by each of the schemes during the year is given below :

Andhra.

Development of Engineering College, Kakinada :

This is a spill-over scheme from the first five year plan with a revised second plan provision of Rs. 21.30 lakhs. Under this scheme, it is proposed to construct permanent buildings for this college during the plan period. The buildings have been completed during 1959-60 except for electrification, etc. Though, no provision was originally made in the plan for 1959-60 for this scheme, a sum of Rs. 1.00 lakh was provided in the Revised Estimates against which an amount of Rs. 1.13 lakhs was spent.

Development of Engineering College, Anantapur :

A sum of Rs. 13.54 lakhs was provided for the development of Engineering College, Anantapur during the Second Plan Period. The permanent buildings for this college have been completed during 1959-60 itself. Though no provision was made in the annual plan for 1959-60 for this scheme, 0.47 lakh was spent on the scheme for the purchase of equipment.

Improvements to M. R. College of Music, Vizianagaram :

A sum of Rs. 0.24 lakh was spent under this scheme for the purchase of additional musical instruments and on the salaries of the staff against the provision of Rs. 0.31 lakh made in the revised estimates during the year under review.

Establishment of a Government College of Music at Vijayavada :

Though this scheme was not originally included in the annual plan for 1959-60 the Government College of Music was established at Vijayavada and an expenditure of Rs. 0.09 lakh was incurred on it during the year under review.

Development of Andhra Polytechnic, Kakinada :

This is a spill-over scheme from the First Five-Year Plan for which a provision of Rs. 3.68 lakhs was made in the Second Five-Year Plan. The entire provision was intended for the purchase of equipment. Under this programme, a sum of Rs. 3.18 lakhs was spent during the first three years of the plan while in the year 1959-60, equipment costing Rs. 0.17 lakh was procured.

Development of Ceramic Institute, Gudur :

Under this scheme, it was proposed to purchase equipment costing Rs. 0.40 lakh during the year under review. But no expenditure was incurred on the scheme during 1959-60.

Development of Vuyyuru Polytechnic, Vuyyuru :

Under this scheme, it was proposed to shift the institution from Vuyyuru to Vijayavada and construct suitably designed permanent buildings and laboratories for the polytechnic. Besides this, it was also proposed to purchase additional equipment for the 3 branches of Engineering offered at this institution. The Second Plan Provision for this scheme was Rs. 13.24 lakhs, out of which a sum of Rs. 6.03 lakhs was spent during the first three years while in the fourth year an expenditure of Rs. 7.37 lakhs was incurred. The procurement of this equipment made for this Institution is being done in a phased manner and the full development would be completed by the end of 1960-61.

Establishment of Visakhapatnam Polytechnic, Visakhapatnam :

This scheme was implemented in the first year of the Second Five-Year Plan under the phased development of the Institution, an amount of Rs. 4.28 lakhs was spent during the year 1959-60 towards the cost of equipment, salaries of staff and on construction of buildings. Out of the Revised Second Plan Provision of Rs. 21.00 lakhs a sum of Rs. 12.50 lakhs was spent on this scheme during the first four years. The construction of Buildings, Laboratories and Hostel, taken up during 1958-59, was in the final stages of completion.

Establishment of Sri Venkateswara Polytechnic, Tirupathi :

This Institution has been started during the year 1957-58. The department has purchased the buildings from the Tirumalai-Tirupathi Devasthanam Authorities for locating this Institution at a cost of Rs. 9.55 lakhs. During the year 1959-60, an amount of Rs. 4.23 lakhs was spent on purchase of equipment salaries of staff and contingencies. Out of the Second Five-Year Plan Provision of Rs. 22.22 lakhs (revised) an expenditure of Rs. 17.99 lakhs was incurred on this scheme so far.

Diploma courses in Engineering College, Kakinada:

In order to meet the acute shortage of Engineering personnel during the earlier years of the Second Five-Year Plan, the State Government started compressed Diploma Courses at the Engineering College, Kakinada on the recommendations of the Engineering Personnel Committee set up by the Planning Commission. During the year 1957-58, the position was reviewed and it was considered advisible to amalgamate this course with the normal pattern of 3 year Diploma Course offered in the Polytechnics. Accordingly this compressed Diploma course was discontinued from the year 1957-58 and the seats available under this course at Kakinada were equally distributed to the polytechnics at Vuyyuru and Tirupathi. The instruction for the batches admitted during 1956-57 under the compressed Diploma course, however, continued to be offered till their batch completed their institutional training. The provision made in the plan for 1959-60 was equally distributed to the two polytechnics consequent on the amalgamation of the course. During the year 1959-60, an amount of Rs. 0.09 lakhs was spent on salaries of staff and contingencies against the Budget Provision of Rs. 0.98 lakh.

Diploma Courses in Engineering College, Anantapur:

As in the case of Engineering College, Kakinada compressed Diploma courses were offered at this college also and on review during 1957-58 these courses were abolished and an attached polytechnic was started with provision to start the 3 year Diploma course in the three branches of Engineering at National Certificate level. Originally a plan provision of Rs. 15.00 lakhs was made for this scheme which has now been revised to Rs. 10.50 lakhs at the instance of the working Group set up by the Planning Commission. It was contemplated to construct permanent buildings for class rooms, drawing halls and administrative block during the plan period. During 1959-60, an amount of Rs. 1.66 lakhs was spent on salaries, equipment and buildings and the cumulative expenditure on the scheme amounted to Rs. 5.77 lakhs.

Introduction of Tele-communication Course at Engineering College, Kakinada:

During the year 1957-58, the Tele-communication course at Degree Level was started at the Engineering

College, Kakinada with an annual intake of 30 students. Out of the Second Plan Provision of Rs. 5.31 lakhs for this scheme, a sum of Rs. 2.55 lakhs was spent on this scheme during the years 1958-59 and 1959-60 on the purchase of equipment, construction of building besides the maintenance of staff.

Introduction of Pre-Professional courses at the Engineering Colleges, Kakinada and Anantapur :

These courses have been introduced in both the Government Engineering Colleges at Kakinada and Anantapur from the academic year 1958-59. Under this scheme, the construction of additional building accommodation was taken up at each of the Engineering Colleges and the work in respect of Anantapur Engineering College was nearing completion while that of Kakinada Engineering College was in progress. The annual intake to their course was 150 at each college. During 1959-60, an amount of Rs. 1.62 lakhs was spent against a budget provision of Rs. 1.49 lakhs, thus bringing the cumulative expenditure on the scheme to Rs. 2.95 lakhs.

CENTRALLY SPONSORED SCHEMES.

Expansion of Andhra Polytechnic, Kakinada :

Under the scheme for expansion of Andhra Polytechnic Kakinada, additional 60 seats have been added during 1957-58 as per the recommendations of Ghosh-Chandrakant report. The Government of India shares the entire cost in respect of equipment and building construction under this scheme and a part of recurring expenditure during the plan period. During the year 1959-60, it was proposed to purchase equipment costing Rs. 1.12 lakhs and incur an expenditure of Rs. 1.00 lakh on construction of additional building. A sum of Rs. 0.48 lakh was provided towards the State share of expenditure against which an expenditure of Rs. 0.25 lakh was incurred during the year under review.

Expansion of Government Polytechnic, Visakhapatnam :

Similar to the scheme for expansion of Andhra Polytechnic, Kakinada, this scheme was also implemented at Visakhapatnam Polytechnic with an additional intake of 80 students. The sharing of expenditure between the State and Central Governments is on the same lines

as for the expansion of Andhra Polytechnic, Kakinada. During the year under review, it was proposed to purchase equipment costing Rs. 1.02 lakhs and incur an expenditure of Rs. 1.00 lakh on the construction of the Buildings and an amount of Rs. 0.60 lakh was provided towards the State's share of expenditure. A sum of Rs. 0.24 lakh only was spent as the State's share during the year.

Sandwich Course at Hindustan Shipyard:

This scheme was taken up for implementation during 1959-60 with an intake capacity of 30 students. The Scheme envisages a Sandwich System of training and according to this the training will be conveniently alternated between institutional instruction and practical work in the Industry. The Plan Provision allotted for this scheme was 0.85 lakh out of which a sum of Rs. 0.61 lakh was set apart towards the states share of expenditure for the scheme during 1959-60. However no expenditure was booked during the year.

Starting of New Polytechnic at Proddatur:

To meet the growing demand of supervisory personnel, it has been decided to start a new Ploytechnic Proddatur with an annual intake of 120 students, offering 3 year post matric diploma course in the branches of Engineering Civil, Electrical and Mechanical. During the year, 1959-60 it was proposed to incur an expenditure of Rs. 0.50 lakh on recurring items, Rs. 1.00 lakh on non-recurring items and Rs. 1.50 lakhs on buildings and a sum of Rs. 1.50 lakhs was provided in the Budget Estimates for meeting the State's share of expenditure. However, a sum of Rs. 0.77 lakh only was spent on the scheme.

OTHER SCHEMES

Grant-in-aid to Non-Government Technical Institutions:

In the plan for 1959-60, an amount of Rs. 8.00 lakhs was provided for sanctioning grant-in-aid to the Engineering College proposed to be started by Andhra University at Tanuku. Against this, a sum of Rs. 6.05 lakhs was spent on the scheme during the year under review.

Telangana Area

Development of Government Technical College, Hyderabad (Now renamed as Government Polytechnic):

This is a spill-over scheme of the First Five-Year Plan under which it was proposed to purchase additional equipment and construct permanent buildings. The plan provision was Rs. 4.59 lakhs of which 0.74 lakh was intended towards the purchase of equipment during the year 1959-60. Construction of permanent buildings for this institution have been sanctioned and the work will first be executed from the funds provided under centrally sponsered schemes. During the year only a sum of Rs. 0.10 lakh was spent on this scheme.

Establishment of Warangal Polytechnic:

This institution was started in the last year of the First Five-Year Plan offering initally a 3 year diploma course in Civil Engineering. During the Second Five-Year Plan, it was proposed to introduce Electrical and Mechanical Engineering Courses and to construct additional buildings. The building programme is in good progress and the work of equipping the various laboratories is being carried out in stages. Out of Rs.5.07 lakhs provided for this scheme in 1959-60, a sum of Rs. 4.45 lakhs was spent.

Establishment of Government Polytechnic, Mahbubnagar:

This institution was started in 1956-57 in the private sector by the contributions collected from the public. Since the management have expressed their inability to continue this institution, the Government have taken over the management of this Polytechnic. The expenditure estimated on the development of this Polytechnic was Rs. 10.73 lakhs during the Second Plan period and the same was provided by adjusting the plan provisions of other schemes. The Institution offers diploma courses in the 3 branches of Engineering with an annual intake of 120 students. During the year under review a sum of Rs. 3.23 lakhs was provided for the purchase of equipment, construction of buildings and maintenance of staff, and against this there was an expenditure of Rs. 3.06 lakhs.

CENTRALLY SPONSORED SCHEMES.

Establishment of Mining Institute, Kothagudem :

During the year 1957-58, one Mining Institute was established at Kothagudem with an intake capacity of 40 students on account of the revision in the pattern of central assistance and as the Government of India have agreed to bear the entire expenditure on this scheme, the Second Plan provision representing the State's share was reduced from Rs. 3.00 lakhs to Rs. 0.23 lakh. Though no expenditure was anticipated during the year under review on the State Government's account, expenditure was incurred on the purchase of equipment and the construction of buildings on the Central Government's account.

Expansion of Government Technical College, Hyderabad (Renamed as Government Polytechnic) :

This is one of the three institutions in which an additional intake of students was approved by the Ghosh Chandrakant Committee, from the year 1957-58. Under this expansion scheme 110 more seats were added in the first year class which includes 30 seats Telecommunication Diploma. The entire expenditure on the equipment and buildings was proposed to be borne by the Central Government while the State Government have to share only a part of the recurring expenditure. A sum of Rs. 0.73 lakh was provided in the Budget for 1959-60 for meeting the State's share of expenditure against which an amount of Rs. 0.34 lakh was spent during the year. Besides this, expenditure was also incurred on the purchase of equipment and construction of buildings, the entire cost of which will be borne by the Central Government.

Starting of a new polytechnic at Nizamabad :

To meet the growing demand of Supervisory personnel, it was proposed to start a new Polytechnic at Nizamabad with an intake of 120 students offering 3 year post-matric diploma courses in the three branches of Engineering *i.e.*, Civil, Electrical and Mechanical. During the year 1959-60, it was proposed to incur an expenditure of 0.50 lakh on recurring items Rs. 1.00 lakh on equipment and Rs. 1.50 lakhs on buildings. Against this

programme, a sum of Rs. 1.50 lakhs was provided in the State's Budget, for meeting half of the expenditure towards the State's share and against this a sum of Rs. 1.55 lakhs was expended on the scheme.

Other Schemes

Starting of an Engineering College at Warangal:

Under this scheme, an Engineering College was started at Warangal during 1958-59 with an intake of 250. students. The entire cost of equipment and buildings will be borne by the Central Government and only 50% of the recurring expenditure will have to be borne by the State Government. The State Government have to provide 250 acres of land with free water and electricity facilities to this institution as a prerequisite for establishing the College. The State's share of the cost of this scheme during the Second Plan period was placed at Rs. 7.00 lakhs and during 1959-60 a sum of Rs. 1.25 lakhs was provided in the State's Plan for the purchase of land and an expenditure of Rs. 1.00 lakh was actually incurred during the year.

Grant-in-Aid to Non-Government Technical Institutions:

Under this scheme an amount of Rs. 1.60 lakhs was provided in the budget for 1959-60 for giving grants to Wanaparthy and Hyderabad Polytechnics. This provision was subsequently revised to Rs. 3.10 lakhs but the actual expenditure amounted to Rs. 2.68 lakhs.

Administration—Direcorate of Technical Education:

Towards the expansion of the Direcorate of Technical Education a sum of Rs. 3.88 lakhs was earmarked in the Second Five Year Plan and out of this an amount of Rs. 0.63 lakh was provided in the Budget for 1959-60 against which an expenditure of Rs. 0.45 lakh was actually incurred during the year.

Provision for Scholarships :

As an incentive to students to take up to technical and vocational courses and to offer financial help to poor and deserving students, an amount of Rs. 0.31 lakh was spent during the first three years of the plan while in the fourth year a sum of Rs. 0.25 lakh was spent.

Miscellaneous :

During the year 1959-60, a sum of Rs. 0.29 lakh was spent on the appointment of additional staff in the Government College of Fine Arts, Hyderabad and the branch school of Music and Dance, Secunderabad. A further sum of Rs. 0.85 lakh was spent on the purchase of a building for the Government School of Music and Dance, Hyderabd.

Statement XIX shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPEMTNT: *Social Services* (Rs. in lakhs

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra							
	Elementary Education ..	255.29	4.07	16.28	65.59	96.70	105.27

XIX.

SUB-HEAD OF DEVELOPMENT: *Education*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Pre-Primary Basic School.	No.	16	..	4	4	..	1
(*b*) Pre-Primary Basic Schools, Teachers' Training Schools ..	„	1	..	1	..	..	..
(*c*) Enrolment of 6-11 age group children ..	No. in lakhs.	2.19	1.28	1.23	0.48	0.20	0.44
(*d*) Appointment of Teachers	No.	5,475	85	395	567	295	295
(*e*) Opening of Primary Schools ..	„	500	100	210	459	800	1,000
(*f*) Opening of Junior Basic Schools ..	„	500	..	200	97		81
(*g*) Conversion of Primary Schools into Junior Basic Schools ..	„	1,500	..	599	300	300	300
(*h*) Establishment of Educational Survey Unit.	„	..	..	1	..	..	..
(*i*) Enrolment of 11-14 age group children ..	„	80,950	8,384	..	16,190	16,190	16,190
(*j*) Opening of middle schools ..	„	60	19	33	51	6	93
(*k*) Opening of Sections ..	„	1,710	251	177	165	342	222
(*l*) Conversion of Higher Elementary Schools into Middle Schools.	„	100	17	8	36	8	11
(*m*) Opening of Post Basic Schools ..	„	5	..	1	..	..	1
(*n*) Opening of Basic Training Schools ..	„	5	3	..	..	1	3
• Conversion of ordinary Training Schools into Basic Training Schools ..	„	N.A.	..	..	4	1	5
(*p*) Opening of Elementary Grade Urdu Sections ..	„	5	1	1	..	1	1
(*q*) Opening of Secondary Grade Urdu Sections.	„	N.A.	..	..	..	1	..

STATEMENT

HEAD OF DEVELOPMENT: *Social Services* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2.	Secondary Education ..	104.54	13.84	9.06	31.21	28.10	66.02
3.	University Education ..	90.30	0.90	15.34	30.96	24.56	39.08
4.	Other Educational Scheme	42.61	1.38	7.43	13.81	10.29	12.30

XIX.

SUB-HEAD OF DEVELOPMENT : *Education*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(r) Conversion of Elementary Grade Training Sections Schools into Secondary Grade Trg. Sections ..	No.	..	30	..	..	..	..
(s) Opening of Special Training schools for women ..	„	N.A.	..	..	2	..	2
(t) Opening of Elementary Grade Trg. Schools .	„	N.A.	..	..	8	2	..
u) Appointment of Deputy Inspector o f Schools.	„	15	..	..	82	15	15
(v) Appointment of Additional typist and clerks	„	..	..	..	24	..	24
(a) Enrolment of 14-17 age group children .	„	28,700	—15,337	—17,605	5,740	5,740	5,740
(b) Opening of High Schools ..	„	20	12	5	12	8	14
(c) Opening of new sections	„	620	128	55	72	124	152
(d) Opening of Training Colleges ..	„	2	..	..	..	..	..
(e) Conversion of High Schools into Higher Secondary Schools .	„	30	..	23	10	8	8
(j) Establishment of Educational and Vocational Guidance Bureau ..	„	1	..	1	..	..	..
(a) Opening of new Colleges	„	N.A.	..	..	2	..	..
(b) Development Grants to the Universities .	Rs. in lakhs.	..	..	12.00	N.F.	5.00	N.F.
(a) Establishment of Vocubulary Research Unit	No.	1	1	..	..	..	..
(b) District Social Educational Officers ..	„	N.A.	..	..	2	3	..
(c) District Educational Officers ..	„	4	..	2	..	..	..

STATEMENT

HEAD OF DEVELOPMENT : *Social Services* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Total for Andhra	..	492.74	20.19	48.11	141.57	159.65	222.67

XIX

SUB-HEAD OF DEVELOPMENT : *Education*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*d*) Regional Deputy Directors of Public Instruction ..	No.	1	..	1	..	..	..
(*e*) Inspectoress of Girls Schools ..	„	1	..	..	..	1	..
(*f*) Planning Officer ..	„	16	1	..	..	..	..
(*g*) Physical Directors ..	„	5	..	..	..	..	..
(*h*) Clerks in the Offices of the Inspecting Officers ..	„	30	..	18	..	..	..
(*i*) Deputy Inspectors ..	„	16	..	..	..	15	..
(*j*) Establishment of Planning and Statistical Unit	„	..	..	1	..	..	..
(*k*) Opening of sections in the Office of the Commissioner for Government Examinations.. ..	„	2	..	1	..	..	..

STATEMENT

HEAD OF DEVELOPMENT : *Social Services.* (Rs. in Lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Telangana							
1.	Elementary Education ..	184.66	2.60	8.70	34.29	65.65	69.86
2.	Secondary Education ..	104.41	0.94	10.84	26.68	33.27	39.27

XIX.

SUB-HEAD OF DEVELOPMENT : *Education.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Enrolment of 6-11 age group children ..	No. in lakhs.	1.73	0.225	0.326	0.418	0.280	0.346
(*b*) Opening of Primary Schools ..	No.	1,795	315	362	414	720	720
(*c*) Conversion of Primary schools into Junior Basic Schools ..	,,	595	116	122	62	119	119
(*d*) Conversion of Voluntary aided schools into primary schools.	,,	1,120	82	396	..	..	..
(*e*) Appointment of Teachers ..	,,	4,320	537	1,166	1,135	864	864
(*f*) Enrolment of 11-14 age group children ..	,,	23,600	4,720	4,720	7,622	4,720	4,720
(*g*) Opening of Middle Schools ..	,,	70	10	20	46	4,720	34
(*h*) Opening of new sections	,,	590	..	157	118	50	50
(*i*) Conversion of middle schools into Senior Basic Schools ..	,,	450	..	32	..	..	..
(*j*) Opening of training schools ..	,,	N.A.	..	..	7	5	10
(*k*) Opening of Special training schools for women ..	,,	N.A.	..	..	1	..	1
(*l*) Appointment of Deputy Inspectors of Schools.	,,	..	..	..	39	15	25
(*m*) Appointment of Additional clerks and Typists ..	,,	..	..	..	24	..	10
(*n*) Establishment of a Unit for the introduction of universal compulsory Education	,,	..	..	..	..	1	1
(*a*) Enrolment of 14-17 age group children.	No.	5,800	4,648	1,228	1,160	1,160	1,160
(*b*) Opening of new High Schools.	,,	15	2	4	86	7	15

STATEMENT

HEAD OF DEVELOPEMTNT: *Social Services.* (Rs. In lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Bduget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3.	University Education ..	49.01	4.21	8.41	21.14	7.27	15.15
4.	Other Educational Schemes	45.00	..	5.54	10.68	13.16	12.06
Total for Telangana		383.08	7.75	33.49	95.71	119.35	136.34
Grand Total for Andhra Pradesh .		875.82	27.94	81.60	287.28	279.00	859.01

XIX.

SUB-HEAD OF DEVELOPMENT : *Education.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(c) Opening of new sections.	,,	145	2	42	57	100	97
(d) Conversion of High schools into Multi-purpose Schools.	,,	10	..	3	2	..	4
(e) Conversion of High schools into higher secondary schools.	,,	N.A.	..	..	..	5	5
(f) Appointment of Hindi Teachers.	,,	220	..	140	..	..	..
(g) Opening of Training Colleges.	,,	..	..	..	..	1	1
(a) Development grant to Osmania University	Rs. in lakhs	N.A.	..	6.50	N.A.	5.00	N.A.
(b) Opening of women's Colleges.	No.	..	..	..	..	..	1
(a) Appointment of Deputy Inspectors.	No.	30	..	12	39	15	25
(b) Appointment of Regional Deputy Directors.	No.	N.A.	..	..	1	..	..
(c) Appointment of Inspectress of Girl's Schools.	,,	..	..	..	2	..	..
(d) Establishment of Physical training college.	,,	..	..	..	1	..	..
(e) Appointment of attenders.	,,	..	..	..	..	123	..
(f) Appointment of Social Educational Organizers.	,,	..	..	..	2	3	..
(g) Establishment of District Libraries.	No.	..	..	..	..	9	..
(h) Establishment of branch libraries.	,,	..	..	..	..	27	..
(i) College Auditors ..	,,	..	..	..	..	.. 2	..
(j) Appointment of District Educational Officers.	,,	..	..	..	1	..	..
(k) Establishment of a Social Education wing in the Directorate.	,,	..	..	..	1	..	..

STATEMENT

HEAD OF DEVELOPMENT : *Social Services.* (Rs. in Lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra.							
1.	Development of Andhra Polytechnic, Kakinada ..	3.68	0.58	0.73	1.87	0.50	0.17
2.	Development of Ceramic Institute, Gudur ..	0.23	..	..	..	0.40	..
3.	Development of Vuyyuru Polytechnic, Vuyyuru Vijayawada	13.24	0.08	1.19	4.76	4.13	7.37
4.	Establishment of Visakhapatnam Polytechnic, Visakhapatnam	21.00	0.50	2.87	4.86	5.27	4.28
5.	Establishment of Sri Venkateswara Polytechnic, Tirupathi	23.02	..	9.82	3.94	3.66	4.23
6.	Diploma Course in Engineering College, Kakinada (Subsequently to be transferred to other Polytechnics)	3.07	0.75	1.43	0.80	0.98	0.09
7.	Diploma Course in Engineering College, Anantapur (Yet to be assessed by A.I.C.T.E.)	10.50	1.46	1.59	1.16	3.84	1.66
8.	Introduction of Telecommunication Course at Engineering College, Kakinada	5.31	..	..	1.00	2.59	1.55
9.	Introduction of Pre-Professional Course at Engineering Colleges, Kakinada and Anantapur	4.29	..	..	1.33	1.49	1.62
10.	Expension of Andhra Polytechnic, Kakinada ..	0.65	..	..	0.06	0.45*	0.25
11.	Expansion of Visakhapatnam Polytechnic, Visakhapatnam	0.69	..	..	0.03	0.60*	0.24
12.	Sandwich Courses at Hindustan Shipyard (Private) Ltd. Visakhapatnam ..	0.85	..	..	..	0.61*	..

XIX.

SUB-HEAD OF DEVELOPMENT : *Technical Education.*

		PHYSICAL TARGETS AND ACHIEVEMENTS					
			Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Cost of equipment	..Rs. in lakhs.	N.A.	..	1.44	1.87	0.50	0.17
do	.. ,,	0.82	..	..	0.20	0.40	..
In take of Students	.. No.	500	100	100	100	100	100
do	.. ,,	480	..	120	120	120	180
do	.. ,,	580	100	120	120	120	..
do	.. ,,	580	100	120	120	120	120
do	.. ,,	90	..	..	30	30	30
do	.. ,,	900	..	..	240	300	240
do	.. ,,	240	..	60	60	60	60
do	.. ,,	320	..	80	80	80	80
do	.. ,,	60	..	..	..	30	..

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13.	Starting of a new Polytechnic at Proddatur	3.57	..	..	..	1.50*	0.77
14.	Grant-in-aid to Non-Government Technical Institutions Andhra University and Polytechnic at Tanuku ..	25.96	8.75	4.00	4.21	3.00	6.05
	New Schemes subsequently Included.						
15.	Development of Engineering College, Kakinada ..	21.30	7.67	6.36	4.27	..	1.13
16.	Development of Engineering College, Anantapur ..	13.54	7.44	3.78	1.65	..	0.47
17.	Improvements to M.R. College of Music, Vizianagaram	0.87	..	0.02	0.21	..	0.24
18.	Establishment of Government College of Music, Vijayawada	0.30	..	..	..	..	0.09
	Total ..	158.47*	27.23	33.94*	30.15	29.02	30.21

XIX.

SUB-HEAD OF DEVELOPMENT: *Technical Education.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
In-take of Students	.. No.	240	..	..	..	120	120
do	.. ,,	360	..	..	120	120	360
Cost of Buildings	.. Rs. in lakhs	21.30	7.67	6.36	4.27	..	1.13
do	.. ,,	13.54	7.44	3.78	1.65	..	0.47
do	.. ,,	..	..	..	..	..	..
In-take of Students	.. No.	N.A.	..	..	..	..	50

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* *(Rs—in lakhs)*

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana						
1.	Development of Government Technical College (now re-named as Government Polytechnic, Hyderabad) .	4.59	0.04	0.33	1.43	0.74	0.10
2.	Establishment of Warangal Polytechnic, Warangal (now re-named as Government Polytechnic, Warangal).	16.08	0.20	1.61	4.95	5.07	4.45
3.	Establishment of Government Polytechnic, Mahbubnagar	10.71	..	..	2.41	3.23	3.06
4.	Establishment of Mining Institute, Kothagudem ..	0.23	..	0.23	..	..	0.02
5.	Expansion of Government Technical College, Hyderabad (now re-named as Government Polytechnic, Hyderabad)	1.18	..	..	0.12	0.73	0.84
6.	Starting of new Polytechnic at Nizamabad.. ..	3.58	..	..	..	1.50	1.54
7.	Starting of an Engineering College at Warangal ..	7.00	..	..	..	1.25	4.25
8.	Grant-in-aid to non-government Technical Institutions, Hyderabad Polytechnic, Hyderabad and Wanaparty Polytechnic	6.10	..	0.50	0.50	1.60	2.08
9.	Administration Directorate of Technical Education ..	3.47	..	0.11	0.32	0.63	0 45
10.	Provision for Scholarships ..	0.91	..	0.07	0.24	0.30	0.25
11.	Development of Government College of Fine Arts, Hyderabad	1.58	0.10	0.09	0.41	0.06	0.11
12.	Branch School of Music and Dance, Secunderabad ..	0.46	0.06	0.05	0.07	0.15	0.12

XIX.

SUB-HEAD OF DEVELOPMENT: *Technical Education.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Cost of equipment	,, Rs. in lakhs.	N.A.	..	0.21	N.A.	0.74	N.F.
In-take of Students	,, No.	520	40	120	120	120	120
do	,, ,,	500	80	60	120	120	120
do	,, ,,	160	..	40	40	40	..
do	,, ,,	440	..	110	110	110	110
do	,, ,,	240	..	..	..	120	120
do	,, ,,	500	..	..	..	250	250
do	,, ,,	720	..	120	120	240	380
do	,,	360	60	75	75	75	60

STATEMENT

HEAD OF DEVELOPEMTNT: *Social Services.* (*Rs.in lakhs.*)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13.	Development of Archaeology.	0.63	..	..	..	..	0.06
14.	Purchase of Buildings for Government School of Music and Dance, Hyderabad	0.20	..	..	..	..	0.85
	Total for Telangana ..	59.85*	0.49*	3.11*	11.47*	15.26	18.28
	Grand Total for A.P. ..	218.32*	27.72*	37.05*	41.62*	44.28	48.49

* Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and for

XIX.

SUB-HEAD OF DEVELOPMENT: *Technical Education.*

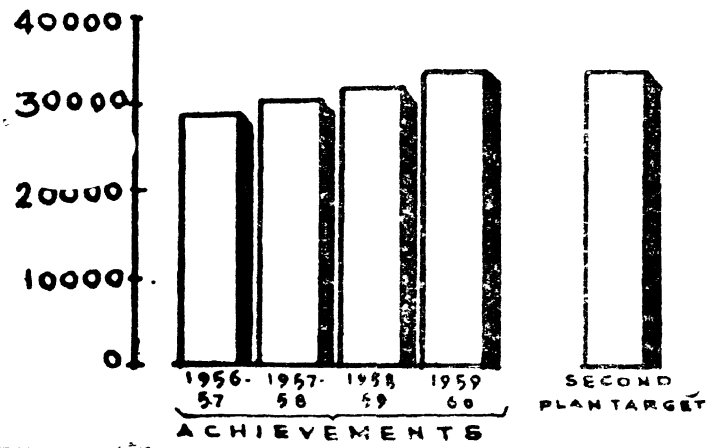
Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

schemes which are proposed to be taken up during 1960-61.

EDUCATION

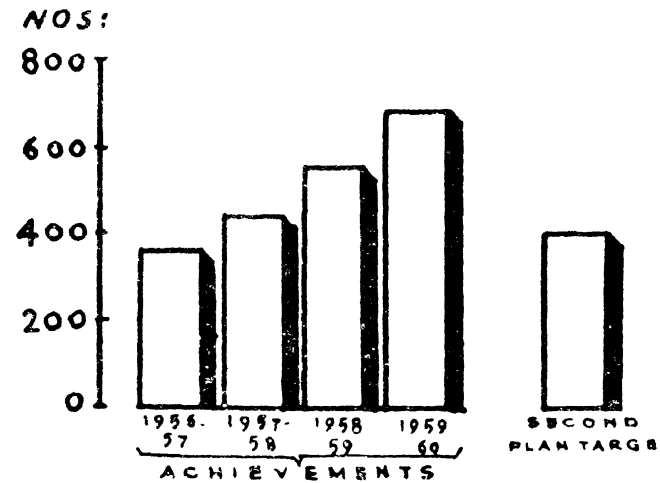
PRIMARY SCHOOLS INCLUDING JUNIOR BASIC



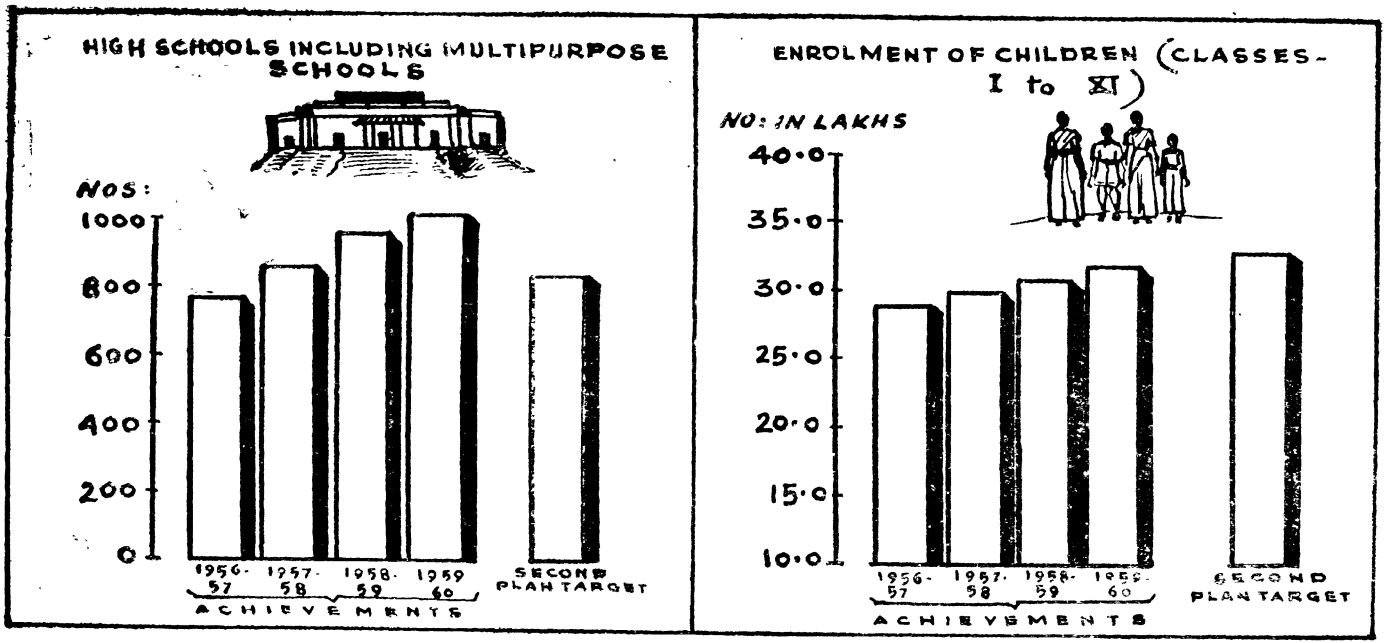


MIDDLE SCHOOLS INCLUDING SENIOR BASIC

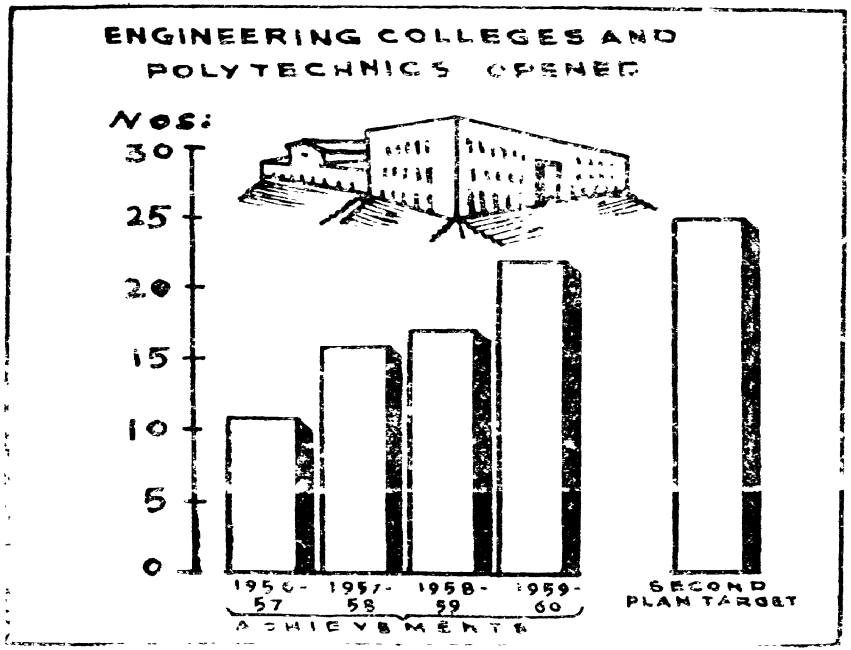




EDUCATION


HIGH SCHOOLS INCLUDING MULTIPURPOSE SCHOOLS
NOS:
1000
800
600
400
200
0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET
ENROLMENT OF CHILDREN (CLASSES - I to XI)
NO: IN LAKHS
40·0
35·0
30·0
25·0
20·0
15·0
10·0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

EDUCATION


ENGINEERING COLLEGES AND POLYTECHNICS OPENED
Nos:
30
25
20
15
10
5
0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

CHAPTER XXIII.

Medical

For the development of Medical facilities in the State 69 schemes were included in the Annual Plan for 1959-60 involving an outlay of Rs. 151.00 lakhs. Of these 48 schemes costing Rs. 88.14 lakhs were proposed for implementation in the Andhra Region while the remaining 26 schemes costing Rs. 62.86 lakhs were to be implemented in the Telangana Region. During the year under review, the provision in respect of two schemes, *viz.*, Central Laboratories of K.I. type and Anti T. B. Demonstration and training centre have been merged with their counter-part schemes in the Telangana Region with a view to developing the existing Institutions in Telangana Region instead of opening parallel institutions in Andhra. All these schemes were implemented and an expenditure of Rs. 174.30 lakhs—Rs. 103.56 lakhs in the Andhra Region and Rs. 70.74 lakhs n the Telangana Region was incurred during the year under review.

Andhra

Improvements to Andhra Medical College and King George Hospital, Visakhapatnam :

Towards the development of King George Hospital, Visakhapatnam and for effecting certain improvements to Andhra Medical College, Visakhapatnam an amount of Rs. 5.00 lakhs was provided in the Budget Estimates for 1959-60. The programme included provision for the completion of works relating to the construction of additional quarters for nurse-students and men-students, internes quarters, additional wards at Victoria Hospital for Women and Children, R.M.Os. quarters extensions to the out-patient department and Annexe to the Medical Stores. Of these, construction of Residential Medical Officers, extensions of out-patient department and additional ward at Victoria Hospital have been completed during the year while the construction of additional quarters for Nurse-students, Anatomy Block and Mortuary Block were under different stages of completion. In all, a sum of Rs. 8.00 lakhs was spent on the scheme during the year.

Up-grading of Pathology Department in Andhra Medical College, Visakhapatnam :

The department of Pathology in the Andhra Medical College was up-graded into an All-India Institute during 1956-57 and a Director and other staff were appointed. During the current year, a sum of Rs. 0.66 lakh was provided in the annual plan for the continuance of the additional staff appointed under the scheme and the entire provision was utilised during the year.

Guntur Medical College :

During the year 1959-60, an amount of Rs. 2.00 lakhs was provided in the annual plan for the completion of the works taken up during 1958-59, *i.e.*, first floor over women students' Hostel with an additional dining hall and examination hall-*cum*-library. Against this programme, an amount of Rs. 11.44 lakhs was spent. The building works were under various stages of completion at the close of the year. Admissions were increased from 105 to 130 during the year.

Government General Hospital, Guntur :

For completing the works relating to the installation of electric lift, compound wall, Second floor over the administrative block and nurses home, an amount of Rs. 5.00 lakhs was provided in the Budget Estimates for 1959-60. Against this a sum of Rs. 8.50 lakhs was actually spent and the works were under progress at the end of March, 1960.

Government Central Hospital, Kurnool :

Under this scheme, it was proposed to effect structural alterations to the Chief Engineer's Office building to accommodate maternity and paediatric sections at a cost of Rs. 2.00 lakhs during the year under review. Against this, a sum of Rs. 2.42 lakhs was spent and necessary alterations to the building were effected.

Medical College, Kurnool :

A sum of Rs. 6.00 lakhs was provided in the plan for 1959-60 for the appointment of additional staff, levelling of playground and construction of Assembly-*cum*-auditorium and provisions of additional equipment. A

sum of Rs. 9.78 lakhs was spent during the year on the purchase of equipment, appointment of additional staff construction of Assembly-*cum*-Auditorium which was in progress at the close of the year. The levelling of the playground was completed during the year and admission to the college were increased from 50 to 75.

Training of Technicians :

Out of the annual provision of Rs. 0.20 lakh made for the training of 12 technicians, an amount of Rs. 0.12 lakh was spent during 1959-60 and 12 Technicians were trained as programmed.

Training of additional compounders :

An amount of Rs. 0.22 lakh was set apart in the Budget for 1959-60 for training 99 compounders and these were undergoing training at the end of the year. The expenditure on the scheme amounted to Rs. 0.15 lakh.

Training of additional midwives :

A provision of Rs. 1.26 lakhs was made in the annual plan for training 90 Midwives and the targets have been fully achieved during the year.

Training of additional Nurses :

In the year 1959-60, the fourth batch consisting of 95 candidates were admitted for training as programmed and an expenditure of Rs. 2.74 lakhs was incurred as against the annual provision of Rs. 2.23 lakhs.

Improvements to District Headquarters Hospitals :

During the year 1959-60, an amount of Rs. 8.00 lakhs was provided for effecting necessary improvements to the district Headquarters Hospitals in the Andhra Region. The programme included provision for increasing the bed strength of Kakinada district Headquarters Hospital from 400 to 500, Anantapur Headquarters Hospital from 150 to 200 and Machilipatnam Headquarters Hospital from 200 to 300. The programme also included provision for the construction of outpatient department at District Headquarters Hospital at Masulipatnam besides the provision for the cost of additional staff and equipment. As programmed, the bed strength was increased in all these hospitals and work relating to

the construction of out-patient Block at Masulipatnam was taken up.

The expenditure under the scheme during the year amounted to Rs. 21.17 lakhs.

Improvements to Taluk Headquarters Hospitals :

Towards the development of taluk Hospitals in the State a sum of Rs. 2.60 lakhs was provided in the Budget estimates for 1959-60. As programmed the bed strength of the following hospitals was increased as shown below :

Taluk Hospital	Rajampet from	24 to 32
Do	Narasannapet from	0 to 8
Do	Sompeta from	0 to 6
Do	Amalapuram from	22 to 50
Do	Kovvur from	22 to 32
Do	Palamaner from	16 to 28
Do	Madanapalli from	40 to 52
Do	Kadiri from	4 to 36
Do	Penukonda from	8 to 18
Do	Hindupur from	35 to 50
Do	Kavali from	11 to 25

Besides this, construction of buildings was under progress at the close of the year.

On all these works a sum of—Rs. 3.34 lakhs was spent during the year.

Provincialisation of L.F. Dispensaries :

It was proposed to provincialise 19 local fund Medical Institutions, besides the maintenance of institutions already provincialised at an estimated cost of Rs. 3.95 lakhs during the year under review. During the year the targeted number of dispensaries and hospitals were provincialised besides the maintenance of the institutions already provincialised. A sum of Rs. 3.93 Lakhs was spent on the scheme during the year under review.

Upgrading of the Department of Social and Preventive Medicine at Guntur :

The Department of Social and Preventive Medicine at the Guntur Medical College was upgraded during 1957-58 with the assistance of Government of India and a field

practice training centre at Tadikonda was established. The scheme was continued during 1959-60 and the entire amount of Rs. 0.37 lakh provided in the annual plan has been spent.

Upgrading of History of Medicine Department:

The Department of History of Medicine was shifted from Andhra Medical College, Waltair to the Osmania Medical College, Hyderabad during 1958-59 and the Department was continued during 1959-60. An expenditure of Rs. 0.39 lakh was incurred during the year against a plan provision of Rs. 0.33 lakh.

Improvements to Mental Hospial, Waltair:

An amount of Rs. 1.50 lakhs was provided in the plan for 1959-60 for the completion of the construction of the compound wall to the Mental Hospital, Waltair taken up during 1958-59. The major portion of the work was completed and an amount of Rs. 0.30 lakh was spent during 1959-60.

District Laboratories and Regional Laboratories:

It was proposed to open district laboratories at Nellore and Machilipatnam besides continuing the regional and district laboratories opened during the previous year towards which a provision of Rs. 0.72 lakh was made in the Annual Plan for 1959-60. An expenditure of Rs. 0.80 lakh was incurred on the scheme during the year.

T.B. Clinics:

It was proposed during 1959-60 to establish 4 T.B. Clinics at Srikakulam Vijayawada, Tenali and Rajahmundry besides the maintenance of the clinics already opened during the previous years. All the clinics were opened as programmed and necessary staff was appointed during 1959-60. The Clinics already established were also continued. In all, a sum of Rs. 1.10 lakhs was spent on this scheme against the annual plan provision of Rs. 3.00 lakhs.

Family Planning Clinics:

The rapid growth of population and the pressure exercised on the limited resources of the country have brought to the forefront the urgency of Family Planning and population control. Towards this end, it was proposed to open ten clinics during 1959-60 at Srikakulam,

Vijayanagarm, Rajahmundry, Gudivada, Narasaraopet, Gudur, Tirupathi, Hindupur, Nandyal and Jammalamadugu besides the maintenance of the clinics already opened. For this purpose, an amount of Rs. 0.66 lakh was provided in the Budget for 1959-60. Against this programme, all the clinics were opened as scheduled and necessary staff was sanctioned.

A sum of Rs. 0.69 lakh has been spent on the scheme during the year.

Training of Auxiliary Nurse Midwives:

Under this scheme, it was proposed to open three more centres at Mahbubnagar, Anantapur and Rajahmundry besides continuing the centres already opened at Kakinada, Nellore, Kurnool, Karimnagar, Cuddapah and Chittoor during the period 1956-59 with an intake of 30 candidates per centre. As programmed, the three centres were opened and 90 candidates were admitted for training in the three centres. A sum of Rs. 2.25 lakhs was spent on this scheme during the year under review.

Training of Refractionists and Opticians:

During the year 1959-60, a provision of Rs. 0.44 lakh was included in the annual plan for continuing the training facilities to 12 refractionists and opticians at Saroijni Devi Hospital. This programme was accordingly implemented during the year under review and a batch of 12 candidates was admitted for training. A sum of Rs. 0.24 lakh was spent during the year under review.

Training of Laboratory Assistants:

Under this scheme, it was proposed to train 6 Laboratory Assistants in the Andhra Medical College, Visakhapatnam during the year 1959-60 so that the trained staff may relieve the medical officers of the routine pathological and bacteriological investigations and a provision of Rs. 0.10 lakh was therefore made in the annual plan. All the six candidates were admitted and a sum of Rs. 0.06 lakh was spent on the scheme.

Training of Auxiliary Health Workers:

To meet the acute shortage of Medical men in the State, it was proposed to admit a batch of 50 candidates in the Auxiliary Health workers training course in 1959-60. Accordingly 50 candidates were admitted for training,

besides continuing the previous year's batch. The expenditure on this scheme during the year amounted to Rs. 0.75 lakh against the plan provision of Rs. 0.47 lakh.

Training of Public Health Nurses:

Under the scheme, it was proposed to admit during 1959-60, a batch of 12 nurses working in Medical Institute for undergoing training in Public Health Nursing. Accordingly 12 nurses were admitted for training in the King George Hospital and an amount of Rs. 0.64 lakh was spent against the budget provision of Rs. 0.60 lakh during the year under review.

Upgrading of Headquarters Hospitals for internees training:

During the year 1959-60, an amount of Rs. 0.50 lakh was provided for taking up the construction of quarters for internees at Andhra Medical College, Visakhapatnam, the District Headquarters Hospital, Kakinada and for completion of the works at Eluru. Against this programme, the internee quarters at Eluru were completed and the other works were in progress. A sum of Rs. 0.15 lakh was spent on the scheme.

Primary Health Centres:

This scheme envisages the establishment of Primary Health Centres in the Block areas to cater to the needs of the rural population with the assistance of Government of India and UNICEF. During the year 1959-60, it was proposed to open 30 more Primary Health Centres in addition to the centres already opened during the previous years. But only 20 Primary Health Centres could be opened in the following Stage I and Stage II Blocks.

Name of the Block.	*District.*
(1) Kudair	(1) Anantapur.
(2) Mudigubba	(2) Do
(3) Gorantla	(3) Do
(4) Lakkireddipalli	(4) Cuddapah.
(5) Sidhout	(5) Do
(6) Rayachoti	(6) Do
(7) Kamalapuram	(7) Do
(8) Jammalamadugu	(8) Do
(9) Cuddapah	(9) Do

(10) Pulivendla	(10) Cuddoppha
(11) Porumamilla	(11) Dc.
(12) Kothapeta	(12) East Godavari Dist.
(13) Bendapudi	(13) Do
(14) Chodavaram	(14) Do
(15) Santhamagulur	(15) Guntur.
(16) Tyallur	(16) Do
(17) Kondapi	(17) Nellore.
(18) Bangarupet	(18) Do
(19) Chintalapudi	(19) West Godavari District.
(20) Devarakonda	(20) Kurnool.

An amount of Rs. 7.70 lakhs was spent during the year against the Budget provision of Rs. 15.00 lakhs.

Mental Hospital and Psychiatric Clinic:

An amount of Rs. 1.00 lakh was provided in the Annual Plan for 1959-60 to continue the Psychiatric Clinic established at Guntur during 1957-58 and towards the improvements to the Mental Hospital, Hyderabad. The entire amount provided in the Annual Plan was utilised and the works at Mental Hospital, Hyderabad was in good progress.

Opening of Dental College and Dental Clinics:

During the year 1959-60, it was proposed to open Dental Clinics in the District Hospitals at Srikakulam, Machilipatnam, Eluru and the Government Hospital, Guntur besides opening of the first year Bachelor of Dental Surgery Course in Hyderabad at a cost of Rs. 2.50 lakhs. Against this programme all the four clinics were opened and the first year B. D. S. Course was started in Osmania Medical College at Hyderabad. An amount of Rs. 0.49 lakh was spent under this scheme during the year under review.

State Medical Research:

Under this scheme, a Research Committee was constituted in 1956-57 for the award of scholarships to Research Scholars in any Medical Research Scheme. For continuing this programme, a sum of Rs. 0.18 lakh was set apart in the plan for 1959-60 against which an expenditure of Rs. 0.06 lakh was actually incurred.

Control of Leprosy :

An amount of Rs. 2.55 lakhs was provided in the plan for 1959-60 for establishing 3 centres at Anantapur, Nellore and Srikakulam and for maintenance of the 4 Centres opened during 1957-58. Against this, only two centres were actually opened at Hiramandalam and Hindupur in Anantapur district and a sum of Rs. 1.81 lakhs was spent on the scheme during the year under review.

Establishment of T.B. Isolation Beds :

To cambat T.B. disease in the State, it was proposed to provide 1,000 isolation beds during the Second Plan in the various hospitals of the State. During the years 1956-59, 710 Isolation beds were provided and in the year 1959-60, it was proposed to provide the remaining 290 beds. To meet the cost of construction of additional buildings, additional beds, etc., a sum of Rs. 5.00 lakhs was provided in the plan for 1959-60. Against this programme, 50 beds at each of the centres of Kakinada, Mangalagiri and Kurnool were established during the year and an amount of Rs. 5.90 lakhs was actually spent.

Child Guidance Clinic and Psychiatric Department:

A child guidance clinic was proposed to be established at Paediatric Centre, Niloufer Hospital, Hyderabad and an amount of Rs. 0.50 lakhs wa provided in the annual plan towards the cost of staff and equipment. Only an amount of Rs. 0.05 lakh could be utilised during the year 1959-60.

I.D. Hospitals at Visakhapatnam and Guntur :

A sum of Rs. 1.50 lakhs was provided in the plan for 1959-60 towards the completion of the buildings for the Infectious Disease Hospitals at Visakhapatnam and Guntur. An amount of Rs. 1.57 lakhs was spent during 1959-60 and the construction work was in progress at the end of the year.

Infectious Disease Hospitals at Bhadrachalam and Tirupathi :

A sum of Rs. 1.50 lakhs was provided in the plan for 1959-60 towards the completion of the buildings of the Infectious Disease Hospitals at Tirupathi and Bhadrachalam. An amount of Rs. 1.27 lakhs was spent during

the year and the construction work was inprogress at the close of the year 1959-60.

System of Indian Medicine and Research in Ayurveda :

A provision of Rs. 0.18 lakh was included in the plan for 1959-60, for the development of Indigenous Medicine and Research in Ayurveda. The Ayurvedic Dispensary opened during 1958-59 at Vinukonda was continued during 1959-60 also and another dispensary was opened in Anantapur in June, 1959. In all a sum of Rs. 0.14 lakh was spent on the scheme during the year under review.

Special Diet Kitchen at Guntur and Kurnool :

An amount of Rs. 0.34 lakh was provided in the plan for 1959-60 towards the continuance of the Special Diet Kitchen established during 1959-60 besides the opening of Special Diet Kitchen at Kurnool. As programmed a Special Diet Kitchen with necessary staff was established at Kurnool and the Kitchen at Guntur was continuep during 1959-60 also. For this, an expenditure of Rs. 0.20 lakh was incurred during the year under review.

Venereal Diseases Clinics :

Under this scheme, it was proposed to open three clinics besides continuing the clinics already opened and a provision of Rs. 1.70 lakhs was made in the plan for 1959-60. Against this programme, two clinics were established at Masulipatnam and Kakinada. A sum of Rs. 0.77 lakh was spent during the year under review.

Ear, Nose and Throat Clinics :

During the year 1959-60 three ear, nose and throat clinics were proposed to be established at District Headquarters Hospitals at Nellore, Masulipatnam and Cuddapah and for continuing the clinics already opened during the previous years. A sum of Rs. 0.11 lakh was spent on this scheme against the plan provision of Rs. 0.30 lakh during the year under review.

Eye Clinics :

During the year 1959-60, an amount of Rs. 0.30 lakh was provided towards the opening of 3 eye clinics at Nellore, Masulipatnam and Cuddapah besides the continuance of the Clinics opened during the previous years.

As programmed the clinics were opened and a sum of Rs. 0.25 lakh was spent during the year under review.

Training of Sanitary Inspectors at Visakhapatnam and Guntur :

An amount of Rs. 2.00 lakhs was provided in the plan for 1959-60 for the training of 100 Sanitary Inspectors in each of the Centres at Visakhapatnam and Guntur and for the construction of hostels for these trainees at Simhachalam and Tadikonda.

As programmed, the Sanitary Inspectors were trained and an amount of Rs. 1.00 lakh was spent on this scheme during the year 1959-60.

Telangana

Upgrading of Osmania General Hospital and Osmania Medical College, Hyderabad :

An amount of Rs. 10.00 lakhs was provided during 1959-60 for the construction of Nurses' Home, internees quarters, additional lecture hall, a new operation theatre block and an outpatient block in the Osmani General Hospital with a view to upgrading the Hospital and reorganising the Departments of Osmania Medical College on the lines recommended by the Indian Medical Council. The programme also included provision for the construction of building for Medical College. Against this programme, the construction of Internees quarters, additional lecture hall, Nurses' quarters and new Medical College building in the Women's College grounds was in good progress at the close of the year. A sum of Rs. 18.36 lakhs was spent in all on the scheme during the year under review.

Upgrading of K.E.M. Hospital and Opening of Gandhi Medical College :

It was proposed during 1959-60, to construct an additional lecture hall in Gandhi Medical College, an operation theatre block, one outpatient block and to take up extension to the Nurses' quarters in the K.E.M. Hospital. The Programme also included provision for increasing bed starength from 400 to 500. For effecting these improvements, a sum of Rs. 7.00 lakhs was provided in the Annual Plan for 1959-60. Against this programme, construction of lecture hall in Gandhi Medical College

and operation theatre block in the K.E.M. Hospital were completed during the year and an amount of Rs. 7.600 lakhs was spent on the scheme.

Establishment of Social and Preventive Medicine Department in Osmania Medical College:

The department of Social and Preventive medicine established in Osmania Medical College during 1957-58, was continued during 1959-60 also. Against the annual plan provision of Rs. 1.67 lakhs for the continuance of the scheme in 1959-60, an expenditure of Rs. 0.61 lakh was actually incurred during the year.

Training of Laboratory Assistants and X-Ray Technicians :

During the year 1959-60, an amount of Rs. 0.27 lakh was provided for the training of 12 Laboratory Technicians, 12 Medico-Social Workers and an equal number of X-Ray Technicians. As programmed, the training programme was arranged and a sum of Rs. 0.20 lakh was actually spent.

Nurses' Training School :

A sum of Rs. 1.00 lakh was provided in the plan for 1959-60 towards the establishment of Nursing College at Hyderabad with necessary staff and equipment. As programmed a B.Sc., course in Nursing was started and in all a sum of Rs. 1.09 lakhs was spent.

Radium Institute :

An amount of Rs. 1.50 lakhs was provided in the plan for 1959-60 for constructing a building to house the cobalt unit and for increasing the bed strength from 105 to 150 in the Radium Institute, Hyderabad. Against this programme, a sum of Rs. 1.40 lakh was spent during the year.

Upgrading of District Hospitals :

During the year 1959-60, it was proposed to establish District Laboratories at Nizamabad, and Khammam construct additional wards at Warangal and to increase the bed strength of the district Hospital at Karimnagar and Mahbubnagar. It was also proposed to construct New Hospitals at Khammam and Mahbubnagar as the existing hospitals were not capable of further expansion. For implementing all these works, a sum of Rs. 5.00

lakhs was set apart in the plan for 1959-60. The District Laboratories were established at Nizamabad and Khammam and the construction of additional wards at Warangal, new buildings for locating the Hospitals at Khammam and Mahbubnagar was taken up. On all these works, a sum of Rs. 6.60 lakhs was spent against the plan provision of Rs. 5.00 lakhs.

Upgrading of Taluk Hospitals :

In the plan for 1959-60, a sum of Rs. 3.00 lakhs was provided for effecting improvements to the following hospitals by providing additional staff and equipment and raising their bed strength as shown below. :

Taluk Hospital at	Achampet	from	6 to 10
do	Atmakur	from	8 to 10
do	Wanaparthy	from	4 to 24
do	Kodangal	from	2 to 10
do	Siddipet	from	8 to 24
do	Jogipet	from	8 to 20
do	Narsapur	from	8 to 20
do	Asifabad	from	2 to 10
do	Utnoor	from	4 to 10
do	Yellareddy	from	8 to 10
do	Palvancha	from	8 to 10

As programmed, the bed strength of all these hospitals was increased and construction works were in progress. The expenditure on the scheme amounted to Rs. 4.55 lakhs during the year.

Increase in allotment of Medicines :

It was proposed to purchase drugs, instruments etc., required by the medicial institutions in Telangana at a cost of Rs. 3.17 lakhs during 1959-60. Against this, an amount of Rs. 2.00 lakhs was spent towards the purchase of equipment and medicines.

Upgrading Dental Hospitals and Clinics :

An amount of Rs. 0.56 lakh was provided in the plan for 1959-60 towards the continuance of the dental clinic opened prior to 1959-60 and opening of 4 more dental clinics at Khammam, Nalgonda, Medak and Osmania General Hospital. All these clinics were opened during

1959-60 and a sum of Rs. 0.19 lakh was spent on the scheme.

Expansion of Domiciliary T.B. Campaign :

During 1959-60, an amount of Rs. 6.90 lakhs Rs. 4.00 in the Telangana Plan and Rs. 2.90 lakhs in the Andhra Plan—was provided towards the opening of 3 T.B. Clinics at Adilabad, Vikarabad and Secunderabad, five domiciliary T.B. Centres and the construction of buildings for locating after-care and Rehabilitation centre in T.B. Hospital, Irrumnuma. Against this programme, all the clinics and domiciliary T.B. centres have been opened and the construction of buildings for After-care and Rehabilitation centre in T.B. Hospital, Irrumnuma was completed while the work relating to shifting of Anti T.B. Demonstration and training centre from Dabirpura to Irrumnuma was in progress at the close of the year. A sum of Rs. 5.49 lakh was spent on the scheme during the year.

V.D. Control Programme :

Under this scheme, it was proposed to open two V.D. Clinics at Mahbubnagar and Khammam during 1959-60 for which a sum of Rs. 0.05 lakh was set apart in the annual plan. Against this programme, one V.D. clinic was opened at District Headquarters Hospital, Mahbubnagar with necessary staff and equipment. There was an expenditure of Rs. 0.65 lakh on the scheme.

Central Laboratories at Hyderabad :

For the Development of Central Laboratories at Hyderabad, a sum of Rs. 0.50 lakh in the Telangana Plan and a sum of Rs. 2.00 lakhs in Andhra Plan under the scheme "Establishment of P.H. Laboratories of K.I. type" has been provided during the year 1959-60. Against this an expenditure of Rs. 1.53 lakhs was actually incurred.

Leprosy Control Programme :

One Leprosy subsidy centre was proposed to be opened at Siddipet in Medak district during 1959-60 with necessary staff and equipment. A sum of Rs. 1.00 lakh was provided in the annual plan for 1959-60 for the opening of the new centre and for the continuance of centre already opened in the previous years. As programmed, a centre was opened at Siddipet with necessary

staff and equipment and the centres opened during the previous years were continued during 1959-60 also. A sum of Rs. 0.82 lakh was spent on the scheme during the year under review.

Establishment of Indian Medicine Dispensary :

An amount of Rs. 2.92 lakhs was provided in the Plan for 1959-60 to implement the following programmes designed to promote indigenous system of Medicine in the Telangana region.

1. Continuance of the post of Lay Secretary and Treasurer in Nizamiâ General Hospital.

2. Effecting improvements in training facilities in Government Ayurvedic College and Hospital, Hyderabad.

3. Conducting research in Ayurveda, Unani and Children diseases.

4. Effecting improvements to the Herbarium.

5. Development of Indian Medicine Pharmacy.

6. Development of Naturopathy system and other systems of Medicine.

Against this programme, the post of Lay Secretary and Treasurer was continued during 1959-60 also and additional staff and equipment was provided to the Government Ayurvedic College and Hospital, Hyderabad besides conducting research in Ayurveda, Unani and Children's diseases. Grants have also been sanctioned to the private teaching institutions, dispensaries and hospitals which are functioning on the lines of Naturopathy, Homeopathy and other systems of Indian Medicine. In all an amount of Rs. 3.25 lakhs was spent on the scheme during the year under reiew.

Pædiatric Centre, Nilloufer Hospital :

A Paediatric centre was established in Niloufer Hospital during 1957-58 and necessary staff was also appointed. For continuing the centre during 1959-60 and towards the construction of an outpatient department and residential quarters for House Surgeons, an amount of Rs. 2.40 lakhs was provided in the Plan for 1959-60. Accordingly the centre was continued and the construction work was in progress at the end of the year. The expenditure on the scheme amounted to Rs. 2.31 lakhs during the year.

Improvement to Sarojini Devi Hospital :

An amount of Rs. 2.30 lakhs was provided in the Plan for 1959-60 for increasing the bed strength of the Hospital to 200 and for the completion of works relating to the outpatient block. Against this, all the works relating to the outpatient block were completed and the bed strength was increased to 200.

An amount of Rs. 3.12 lakhs was spent during the year.

Improvements to Maternity Hospital, Hyderabad :,

Under this scheme, it was proposed to appoint additional staff and provide additional equipment to the Government Maternity Hospital, Hyderabad during 1959-60, at a cost of Rs. 0.40 lakh. Accordingly, staff was appointed with necessary equipment and an expenditure of Rs. 0.37 lakh was incurred on the scheme during the year under review.

Improvement to Mental Hospital, Hyderabad:

A provision of Rs. 2.35 lakhs was made in the Plan for 1959-60 for the construction of 150 bedded ward at the Mental Hospital and for appointment of additional staff. As scheduled the work relating to the construction of a 150 bedded ward was taken up and completed during 1959-60 and an expenditure of Rs. 2.15 lakhs was incurred on the scheme.

Improvements to T.B. Hospital, Irrumnuma :

An amount of Rs. 1.10 lakhs was provided in the plan for 1959-60 towards the construction of Administrative Block and for the completion of the construction of Kitchen Block and electric sub-station. Of these, works relating to the construction of Kitchen Block and electric sub-station were completed while the construction of Administrative Block was in progress at the close of the year. The expenditure on the scheme amounted to Rs. 1.00 lakh.

Improvements to T. B. Hospital, Vikarabad :

During the year 1959-60, an amount of Rs. 1.00 lakh was provided for the construction of 40 bedded T.B. isolation ward at the T.B. Hospital, Vikarabad. Against this programme an amount of Rs. 2.13 lakhs was expended and the construction work was in progress.

Primary Health Centres :

An amount of Rs. 10.00 lakhs was provided in the Plan for 1959-60 towards the construction of buildings for 15 Primary Health Centres including sub-centres and residential quarters for all categories of staff and opening of 10 more primary health centres in the State. Against this six Primary Health Centres were opened in the following blocks and the works relating to the construction of buildings were taken up. An amount of Rs. 3.06 lakhs was spent in all on the scheme.

Block	District
(1) Vemulavada ..	..Karimnagar.
(2) Palvancha ..	..Khammam.
(3) Yedpalli. ..	..Nizamabad.
(4) Nizmabad ..	.. do
(5) Suryapet ..	..Nalgonda.
(6) Chowtapal ..	.. do

Upgrading of Fever Hospital :

Under the scheme, an amount of Rs. 1.10 lakhs was provided for increasing the bed strength from 150 to 200 construction of additional buildings for inpatients and for completing the works relating to the additional isolation sheds at the Fever Hospital, Hyderabad. Against this programme, an expenditure of Rs. 1.24 lakhs was incurred and the construction works were in progress.

Family Planning Clinics :

During 1959-60, it was proposed to open five Family Planning Clinics at Adilabad, Medak, Nalgonda, Golconda and Mahbubad by reappropriating funds from other schemes. Accordingly all the clinics were opened and an amount of Rs. 0.46 lakh was spent.

Statement XX shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Social Services*

(RS. IN LAKHS)

Serial No	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra						
1.	Improvements to Andhra Medical College and King George Hospital, Visakhapatnam	20.80	0.80	4.00	6.00	5.00	8.00
2.	Upgrading of Pathology in Andhra Medical College, Vizag.	2.11	..	0.50	0.29	0.66	0.66
3.	Guntur Medical College ..	15.63	4.80	5.00	0.54	2.00	11.44
4.	Government General Hospital Guntur	20.00	3.23	8.50	3.00	5.00	8.00

XX.

SUB-HEAD OF DEVELOPMENT: *Medical*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Addl. quarters for Nurse students ..	No.	1	..	..	..	1	Work under progress.
(*b*) Anatomy block ..	„	1	..	..	..	1	do
(*c*) Mortuary block ..	„	1	..	..	..	1	work almost completed.
(*d*) R. M. O's Quarters ..	„	1	..	..	..	1	1
(*e*) Extension of outpatient Department ..	„	1	..	..	..	1	1
(*f*) Construction of addl. ward at Victoria Hospital ..	„	1	..	..	..	1	1
(*g*) Increase in admissions .	„	15	15	..	..	..	..
(*h*) Increase in bed strength	„	128	123	..	..	..	..
Staff scheme							
(*a*) Construction of 2nd floor over Pathology Block ..	No.	1	..	..	1	..	..
(*b*) Construction of Assembly-cum-examination-cum-Library Hall .	„	1	..	..	..	1	Work under progress.
(*c*) First Floor over Mens' Hostel ..	„	1	..	..	1	..	..
(*d*) do Women's Hostel	„	1	..	..	..	1	Work under progress.
(*a*) Increase of bedstrength	No.	300	..	..	..	240	60
(*b*) Construction of compound-wall ..	„	1	..	..	..	1	1
(*c*) Electric lift ..	„	1	..	..	..	1	1

STATEMENT

HEAD OF DEVELOPEMTNT —*Social Services.* (RS. IN LAKHS)

Serial No	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
5.	Government General Hospital, Kurnool ..	12.00	..	3.00	3.00	2.00	2.42
6.	Medical College, Kurnool ..	24.00	3.00	6.00	3.50	6.00	9.78
7.	Training of Technicians ..	0.75	..	0.15	0.20	0.20	0.12
8.	do additional compounders	0.10	0.22	0.24	0.21	0.22	0.15
9.	do midwives ..	6.62	1.49	1.35	1.26	1.26	1.26
10.	do nurses ..	11.35	2.12	2.51	2.26	2.23	2.74
11.	Improvements to District Headquarters Hospitals ..	33.00	0.70	4.30	8.00	8.00	21.17
12.	Improvements to Taluk Hospitals	11.86	1.17	1.68	1.86	2.60	3.34
13.	Provincialisation of L. F. Dispensaries ..	10.11	0.66	1.50	1.00	3.95	3.93
14.	Upgrading of Department of Social & Preventive medicine Guntur & Kurnool. ..	1.20	0.21	0.10	0.14	0.37	0.37
15.	Upgrading of History of Medicine Department ..	1.06	0.13	0.15	0.12	0.33	0.39
16.	Improvements to Mental Hospital, Waltair ..	6.50	..	..	1.00	1.50	0.80
17.	District laboratories Regional laboratories	3.22	0.44	0.70	0.64	0.72	0.80
18.	T. B. Clinics ..	10.00	0.09	1.10	3.00	3.00	1.10

XX.

SUB-HEAD OF DEVELOPMENT.—*Medical*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Increase in bedstrength	No.	360	50	..	..	300	..
(*b*) construction of mortnary ..	,,	1	..	..	..	1	1
(*c*) Administration-cum-O. P. Block ..	,,	1	..	..	1	..	..
(*d*) Paediatric ward .	,,	1	..	..	..	1	1
Staff and improvement scheme							
Technicians to be trained .	No.	60	..	12	12	12	12
Compounders to be trained	,,	495	99	99	99	99	99
Midwives to be trained ..	,,	474	158	158	90	90	90
Nurses to be trained ..	,,	275	95	95	95	95	95
Improvements scheme							
do ..							
L. F. dispensaries to be provincialised ..	No.	..	8	7	8	19	19
Staff scheme							
Staff scheme							
(*a*) Acquisition of land ..	No. of acres	..	..	28	..	..	..
(*b*) Construction of compound wall ..	No.	..	..	..	..	1	Work under progress.
(*a*) Regional laboratories ..	No.	3	..	1	1	1	..
(*b*) District laboratories ..	No.	13	..	..	2	2	2
T. B. Clinics to be opened	No.	15	4	3	3	4	4

STATEMENT

HEAD OF DEVELOPMENT —*Social Services*

(RS. IN LAKHS)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19.	Family Planning Clinics ..	1.87	0.26	0.25	0.10	0.16	0.69
20.	Training of auxiliary Nurse midwives	2.12	..	..	0.56	0.78	2.25
21.	Training of Refractionists and opticians	1.64	..	0.25	0.52	0.44	0.24
22.	Training of auxiliary Health workers	1.72	..	0.30	0.47	0.47	0.75
23.	Training of Laboratory assistants	0.40	..	0.10	0.10	0.10	0.06
24.	Training of Public Health Nurses	1.72	..	0.10	0.43	0.60	0.64
25.	Establishment of Primary Health centres ..	40.10	..	0.25	12.00	15.00	7.70
26.	Upgrading of Headquarters Hospitals for internees training	2.25	..	0.25	0.50	0.50	0.15
27.	Opening of Dental College and Clinics	5.20	..	..	0.50	2.50	0.49
28.	Mental Hospitals Psychiatric clinics	4.14	..	0.14	0.50	1.00	1.00
29.	State Medical Research ..	0.50	..	..	0.13	0.18	0.06
30.	Control of Leprosy ..	7.00	..	0.45	1.00	2.55	1.81
31.	T. B. Isolation beds ..	14.96	..	1.00	2.25	3.00	3.90
32.	Child guidance clinic and psychiatric department ..	1.26	..	..	..	0.50	0.04
33.	Infectious diseases Hospital at Vizag & Guntur ..	7.00	..	..	0.50	1.50	1.57
34.	Infectious diseases Hospital at Bhadrachalam & Tirupathi	5.00	..	..	0.50	1.50	1.27
35.	System of Indian Medicine & Research in Ayurveda ..	0.69	..	0.10	0.07	0.18	0.14

XX.

SUB-HEAD OF DEVELOPMENT.—*Medical*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Family Planning Clinics to be opened	.. No.	29	..	4	9	10	10
Auxiliary nurse midwives to be trained	.. No.	180	.	90	60	90	90
Refractionists and Opticians to be trained	.. No.	48	..	12	12	12	12
Auxiliary Health workers to be trained	.. No.	160	..	50	50	50	50
Laboratory assistants to be trained	.. No.	24	..	6	6	6	6
Public Health nurses to be trained	.. No.	48	..	12	12	12	12
Primary Health centres to be opened.	. No	135	..	20	30	30	16
Hospitals to be upgraded	. No.	3	..	..	..	1	1
Dental clinics to be opened.	No.	13	..	2	3	1	4
Continuing of psychiatric clinics	.. No.	2		1	1	1	1
		staff scheme					
Leprosy subsidiary centres to be opened	.. No.	8	..	2	2	3	3
T. B. Isolation beds	.. No.	..	..	.	..	290	..
Child guidance clinics to to be opened	.. No.	1	..	..	..	1	1
Construction of buildings	. No.	2	..	..	..	2	Buildings under construction
do	.. No.	2	..	..	..	2	do
		Staff scheme					

STATEMENT.

HEAD OF DEVELOPMENT.—*Social Services*

(RS IN LAKHS)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
36.	Special Diet Kitchen at Guntur	0.20	..	0.06	..	0.34	0.20
37.	Venerial Diseases clinics .	1.00	..	0.10	0.05	1.79	0.77
38.	Ear, nose, and throat clinics	1.00	..	..	0.15	0.30	0.11
39.	Eye clinics	1.00	..	..	0.15	0.30	0.25
40.	Training of Sanitary Inspectors at Vizag. ..	5.00	0.74	0.78	1.76	1.00	0.50
41.	Training of Sanitary Inspectors at Guntur ..	5.00	..	0.45	2.17	1.00	0.50
42.	Central Laboratory of King Institute type ..						
43.	Anti-T.B. Demonstration and training centre.						
	Total for Andhra ..	308.68	20.06	45.48	60.74	83.24	103.56

XX.

SUB-HEAD OF DEVELOPMENT—*Medical*

		PHYSICAL TARGETS AND ACHIEVEMENTS					
			Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Opening of Special diet kitchens	.. No.	2	..	..	2	..	..
Venerial Diseases clinics to be opened	.. No.	13	..	3	4	3	3
Ear, nose and throat clinics	No.	6	..	..	2	3	3
Eye clinics to be opened	. No.	6	..	..	2	3	3
Sanitary Inspectors to be traine	No.	100	100	100	100	100	100
Sanitary Inspectors to be trained		..	100	100	100	100	100
Merged with Telangana scheme							
Merged with Telangana Domiciliary T.B. Campaign.							

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (*Rs. in lakhs*)

Serial No	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements -1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Telangana						
1.	Upgrading of Osmania General Hospital and Osmania Medical College ..	40.00	..	10.14	12.00	10.00	18.36
2.	Upgrading of K.E.M. and opening of Gandhi Medical College. ..	26.00	..	6.50	6.50	7.00	7.60
3.	Establishment of Department of Social and Preventive Medicine in Osmania Medical College and Gandhi Medical College	4.00	..	0.50	0.90	1.67	0.61
4.	Training of Laboratory Assistants and X-ray Technicians.	0.80	..	0.05	0.20	0.27	0.20
5.	Nurses Training School and starting of B.Sc., course in Nursing.	3.95	..	..	1.95	1.00	1.09
6.	Radium Institute ..	4.50	..	1.50	1.00	1.50	1.40
7.	Upgrading of District Hospitals.	18.30	..	1.30	2.00	5.00	6.00
8.	Upgrading of taluk Hospitals	15.40	..	0.25	1.40	3.00	4.55
9.	Increase in allotment of medicine and instruments, equipment etc., ...	12.21	..	3.40	3.10	3.17	2.00
10.	Upgrading of Dental Hospitals and Clinics ..	3.06	..	0.20	0.50	0.56	0.19

XX.

SUB-HEAD OF DEVELOPMENT: *Medical.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Construction of Internees quarters.	.. No.	1	..	..	..	1	Work under progress
(*b*) Construction of additional lecture hall..	No.	1	..	..	..	1	do
(*c*) Construction of Nurses quarters ..	.. No.	1	..	..	..	1	do
(*d*) Staff Scheme.							
(*a*) Construction of lecture hall in G.M.C.	..No.	1	..	..	..	1	do
(*b*) Operation theatre block	No.	1	..	..	..	1	do
(*c*) Increase in bedstrength	No.	90	..	90	..	..	..
(*d*) Staff Scheme.							
Staff Scheme.							
Laboratory Technicians ..	No.	48	..	12	12	12	12
Medico-Social Workers		48	..	12	12	12	12
X-ray Technicians. ..	No.	48	..	12	12	12	12
Staff Scheme.							
Increase in bed strength ..	No.	90	..	65	..	..	..
Staff and Buildings Scheme.							
Do.							
Purchase of Medicines and equipment ..	Rs. in ..lakhs	12.21	..	3.40	3.10	3.17	2.00
Dental Clinics to be opened	No.	9	..	4	..	4	4

STATEMENT

HEAD OF DEVELOPMENT : *Social Services.* (*Rs. in lakhs*)

Serial No	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
11.	Expansion of Domiciliary T.B. Campaign ..	19.49	..	0.95	7.00	6.90	5.49
12.	V.D. Control Programme ..	1.00	..	0.11	0.05	0.05	0.65
13.	Establishment of Special diet Kitchen at Osmania General Hospital	0.20	..	0.05	..	0.07	0.06
14.	Public Health Laboratories of K.I. Type.	11.10	..	0.60	3.00	2.50	1.53
15.	Leprosy Control Programme	3.72	..	0.10	0.50	1.00	0.82
16.	Establishment of Indian Medicine Dispensary ..	2.13	..	0.02	2.36	2.92	3.28
17.	Paediatric centre, Niloufer Hospital	7.10	..	..	1.30	2.40	2.81
18.	Improvements to Sarojini Devi Hospital, Hyderabad	6.10	..	..	0.80	2.30	3.12
19.	Improvements to Maternity Hospital, Hyderabad. ..	3.40	..	..	..	0.40	0.37
20.	Improvements to Mental Hospital, Hyderabad. ..	6.05	..	..	0.20	2.35	2.15
21.	Improvements to T.B. Hospital, Irumnuma ..	2.60	..	..	0.50	1.10	1.00
22.	Improvements to T.B. Hospital, Vikarabad. ..	2.60	..	..	0.60	1.00	2.13
23.	Primary Health Centres. ..	24.54	..	..	7.71	10.00	3.06

XX.

SUB-HEAD OF DEVELOPMENT : *Medical.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Construction of after-care and rehabilitation centre.	No.	1	..	..	..	1	1
(*b*) Anti T. B. Demonstration Centre... ..	No.	1	..	1	..	..	..
(*c*) T.B. Clinics ..	No.	9	..	3	3	3	3
V.D. Clinics to be opened..	No.	9	..	1	2	2	1
Staff Scheme							
Staff and building Scheme							
Centres to be opened ..	No	4	..	1	1	1	1
Staff Scheme.							
Paediatric Centre ..	No.	1	..	1	..	..	..
Staff and buldings Scheme							
Building Scheme							
a) Increase in bed strength	No.	100	..	..	100	..	..
(*b*) Construction of Kitchen block	No.	1	..	..	1	..	..
(*c*) Construction of electrical Sub-station. ..	No.	1	..	..	1	..	..
(*d*) Construction of administrative block ..	No	1	..	..	..		1 Work under progress.
Increase in bed strength ..	No.	100	..	..	100	..	..
Establishment of Primary Health Centres. ..	No.	66	..	9	15	15	10

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (*Rs. in lakhs*)

Serial No	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan Provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
24.	Upgrading of Fever Hospital, Lingampalli ..	4.90	..	0.60	1.00	1.10	1.24
25.	Family Planning Clinics. ..	0.50	..	0.20	2.20	..	0.46
	Total for Telangana ..	232.43*	..	26.47*	56.77	67.76	70.77
Grand total for Andhra Pradesh ..		541.11*	20.06*	71.95*	117.51*	151.00	174.33*

*Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and for

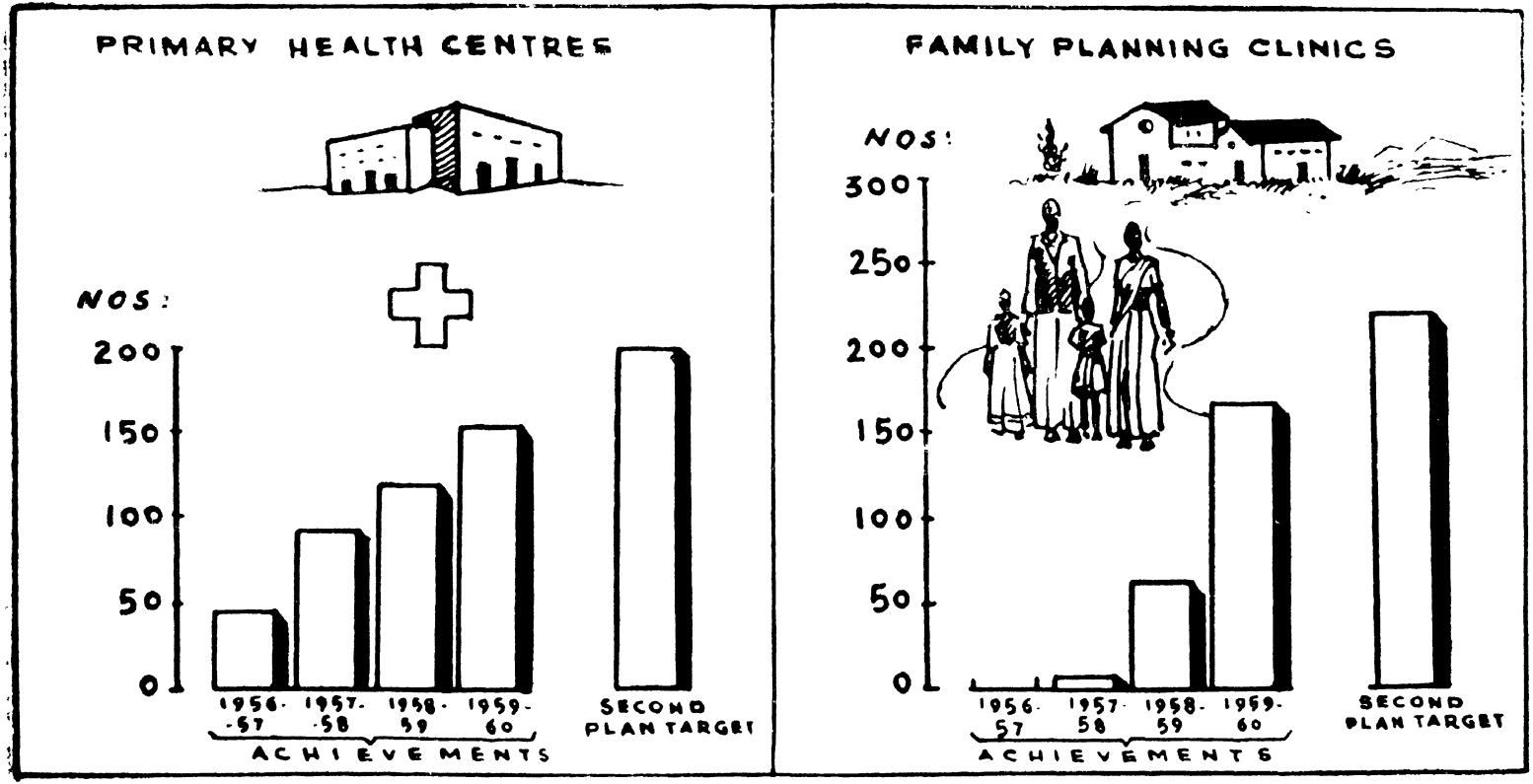
XX

SUB-HEAD OF DEVELOPMENT: *Medical.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Staff and building Scheme							
Family Planning Clinics. ..	No.	15	..	3	4	5	5

schemes which are proposed to be taken up during 1960-61.

HEALTH


PRIMARY HEALTH CENTRES
NOS:
200
150
100
50
0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET
FAMILY PLANNING CLINICS
NOS:
300
250
200
150
100
50
0
1956-57
1957-58
1958-59
1959-60
ACHIEVEMENTS
SECOND PLAN TARGET

CHAPTER XXIV

Public Health

The plan for the improvement of Public Health in the State during 1959-60 included originally 28 schemes costing Rs. 106.55 lakhs. Out of these 15 schemes costing Rs. 62.88 lakhs pertained to Andhra and 13 schemes with a provision of Rs. 43.67 lakhs related to the Telangana Region. In Telangana, one scheme viz., " National Filaria Control Programme " was not implemented during the year and the following schemes which were not originally included in the plan programme for 1959-60 were implemented during the course of the year.

	Name of the Scheme	Expenditure incurred (Rs. in lakhs)
	(1)	(2)
	Andhra.	
1.	Rural Family Planning Clinics	1.04
	Telangana	
2.	Training of Auxiliary Health Personnel	0.15
3.	District Demonstration Project	0.01
4.	Small-pox Eradication Programme. Twin cities of Hyderabad and Secunderabad.	0.28

Thus during the year, 30 schemes were implemented and on these schemes a sum of Rs. 85.71 lakhs was spent till the end of March, 1960. Of this a sum of Rs. 56.68 lakhs was spent in Andhra Region and the remaining amount of Rs. 29.03 lakhs was spent in the Telangana Region. The details of the progress made under each of the schemes is given below.

Andhra

Training of Health Visitors :

A School for the Training of Health Visitors was opened during 1954 at Visakhaptnam. Towards the continuance of this school and to admit 30 candidates

for training besides admitting 30 Auxiliary Nurse Midwives for training as Health Visitors a sum of Rs. 1.70 lakhs was originally provided in the Plan for the year 1959-60. But this provision was subsequently revised to Rs. 1.00 lakh and against this a sum of Rs. 0.98 lakh was spent. During the year 32 Health Visitors and 10 Auxiliary Nurse Midwives were admitted for training.

Training of Dais :

With a view to enable the Country Midwives (Dais) practising traditionally midwifery to pursue their profession adopting aseptic methods in the conduct of labour and for overall improvement of domicialary midwifery in rural areas, it was proposed to train the Dais. Towards this a sum of Rs. 0.81 lakh was provided in the plan for 1959-60 for training 720 Dais. This provision was subsequently reduced to Rs. 0.66 lakh. During the year 615 dais were admitted and the expenditure however amounted to Rs. 1.00 lakh.

Training of Public Health and Auxiliary Health Personnel :

Under this programme it was proposed to depute one Assistant Director of Public Health and two Health Officers for higher training in Public Health. In addition, it was also proposed to send six Health Officers for Diploma in Public Health, six Health Officers for Orientation Training in Public Health, two Health Officers for industrial Hygiene, 2 Health Officers for Nutrition Training, One Women Medical Officer for Maternity and Child Health Training, 2 Health Officers and One Health Inspector for training in Health Education, 2 Health Officers for training in Epidemics, 3 Health Officers for B. S. Sc. and one Chief Entamologist for training in Malaria. Towards all this, a sum of Rs. 1.00 lakh was provided in the Plan for the year 1959-60. But this provision was subsequently reduced to Rs. 0.53 lakh and against this a sum of Rs. 0.46 lakh was spent till the end of the year and the following personnel were undergoing training.

Sl. No.	Category of Officer	Subject for Training.
1.	1 Assistant Director, Public Health.	Higher Training in Public Health.
2.	1 Health Officer	For Training abroad.
3.	2 Health Officers	Diploma in Public Health.

Sl. No.	Category of Officer	Subject for Training
4.	3 Health Officers.	Training in B.S. Sc.
5.	1 Health Officer.	Social and Preventive Medicine.
6.	1 Health Inspector	Health Education.

Training of General Trained Nurses in Public Health Nursing :

The scheme envisages the training of ten General Trained Nurses in Public Health Nursing at Calcutta at the rate of two per year. A sum of Rs. 0.08 lakh was provided in the plan for 1959-60. Against this a sum of Rs. 0.06 lakh was spent till the end of the year and 3 candidates were deputed for training.

National Malaria Eradication Programme :

Under this scheme, two units were started during the First Five-Year Plan period and two more units were started in 1957-58. Towards the continuance of these four units and to open 16 Hypo-endemic units and to establish 3 Regional Offices of Assistant Director of Public Health, a sum of Rs. 22.99 lakhs was provided in the plan for 1959-60. This provision was subsequently revised to 21.79 lakhs. But the actual expenditure amounted to Rs. 25.83 lakhs, thus exceeding both the original as well as final provisions for the years. The four control units were continued and the targeted 16 Hypo-endemic units were opened. However, the 3 Regional Offices of Assistant Directors of Public Health could not be started during the year.

National Filaria Control Programme :

Under this scheme, it was proposed to continue the Filaria Control Unit started during the First Five-Year Plan period and to establish 2 more control units for which a sum of Rs. 7.11 lakhs was provided in the plan for 1959-60 towards the State's share of the cost. But the establishment of the two new units was deferred as the Director, Malaria Institute, New Delhi has advised the State Government not to open any new units. Hence the provision was reduced to Rs. 0.80 lakh and against this a sum of Rs. 0.86 lakh was spent towards the continuance of the Filaria Control Unit.

B. C. G. Vaccination Campaign :

This scheme was started during the First Five-Year Plan with one Central Administrative Unit and six field teams. During 1959-60 it was proposed to establish 3 additional field teams besides the continuance of the above control unit and six field teams and a sum of Rs. 3.70 lakhs was provided in the annual plan. This provision was subsequently revised to Rs. 2.50 lakhs and against this a sum of Rs. 2.36 lakhs was spent and the targets proposed under this scheme were fully achieved.

Nutrition Research :

With a view to carrying out study of the existing dietary patterns, assessing dietary deficiencies, combating malnutrition found among the vulnerable groups and for the supply of nutrient supplement and also for the education of the public on nutrition, three Nutritions Units were started at Kurnool, Guntur and Warangal. A sum of Rs. 1.14 lakhs was provided in the annual plan for the continuance of the three units while the actual expenditure amounted to Rs. 0.71 lakh.

Rural Sanitation Unit :

A nucleus Public Health Engineering Organisation was established in 1954-55 to study and evolve suitable designs needed for improvement of Rural Environmental Hygiene. Towards the continuance of this a sum of Rs. 0.28 lakh was provided and till the end of March 1960 a sum of Rs. 0.16 lakh was spent on this scheme.

Health Propaganda and Publicity :

For the continuance of the Central Health Education (Propaganda and Publicity) Bureau established in the office of the Director of Public Health to educate the nurses on Health and for the maintenance of the two Vans, 11 Jeeps and ten epidemic control units purchased previously and to purchase 8 new vans, and to supply 16 m. m. sound projectors and 3 propaganda vans to the three Regional Assistant Directors of Public Health at Visakhapatnam, Guntur and Kurnool, a sum of Rs. 4.15 lakhs was provided in the plan for 1959-60. The targets were fully achieved excepting for the supply of 16 m.m. sound projectors and there was an expenditure of Rs. 2.61 lakhs on this scheme during the year.

Establishment of Central Nutrition Laboratory and Museum :

Under this scheme, it was originally proposed to establish a central Nutrition Laboratory at the Directorate of Public Health, Hyderabad for which a sum of Rs. 0.56 lakh was provided in the Plan. Against this a sum of Rs. 0.23 lakh was spent and the Laboratory was established at Hyderabad.

Establishment of Central Malaria Laboratory and Museum :

With a view to providing training facilities to the personnel employed under the Malaria Control Schemes, a Malaria Control Laboratory and Museum was established at Visakhapatnam during the year 1956-57 and it was later shifted to Hyderabad in 1957-58. Towards continuing this Laboratory and Museum, a sum of Rs. 0.43 lakh was provided in the plan for 1959-60 while the actual expenditure amounted to Rs. 0.18 lakh.

School Health Services :

Under this scheme, it was proposed to establish two Health Clinics for the benefit of the School children besides continuing the Health Clinics opened during 1958-59. Towards this, a sum of Rs. 2.37 lakhs was provided in the annual plan against which a sum of Rs. 0.86 lakh was spent till the end of March, 1960. The targets envisaged under this scheme were fully achieved during the year under review.

Rural Family Planning Clinics :

Originally no provision was made for this scheme in the annual plan for 1959-60. But subsequently a sum of Rs. 0.20 lakh was provided against which a sum of Rs. 1.04 lakhs was spent. During the year 45 rural family planning clinics were started besides continuing the 46 clinics opened during the year 1958-59.

Vital Statistics and Health Statistics :

This scheme envisaged the mechanization of the compilation of vital statistics in respect of births and deaths at the office of the Director of Public Health. The scheme was started during 1958-59 and for continuing it during 1959-60, a sum of Rs. 0.22 lakh was provided and till the end of March, 1960 a sum of Rs. 0.17 lakh was spent on this scheme.

National Rural Water Supply and Sanitation Schemes :

An amount of Rs. 16.34 lakhs was provided during the year 1959-60 for continuing the intensive operations under the National Rural Water Supply and Sanitation Programme in the four existing units (comprising 459 villages) started earlier and for continuing the work started during 1958-59, for opening two new units in Srikakulam and Cuddapah districts and for the work on water supply scheme of Bhadrachalam and Srisailam Pilgrim Centres. During the year water supply facilities were provided in 99 villages of the two new units besides the construction of an additional 101 latrines. A sum of Rs. 19.17 lakhs was spent till the end of March 1960 on the scheme.

Telangana.

Training of Health Visitors :

To meet the shortage of trained personnel during the second plan period, it was proposed to train 90 Health Visitors and 30 Auxiliary Nurse Midwives. During the year 1958-59, sixty candidates were admitted for training of the Health Visitors and towards the continuance of the training of these persons and to train 30 more Auxiliary Nurse Midwives a sum of Rs. 1.26 lakhs was provided in the plan for 1959-60. During the year, the training of 60 candidates as Health Visitors was continued and 30 Auxiliary Nurse Midwives were admitted for training. The expenditure on this scheme amounted to Rs. 0.66 lakh.

Training of Dais :

Under the scheme it was proposed to train 240 country Midwives during the year 1959-60 at an estimated cost of Rs. 0.12 lakh. But only 140 Dais were trained and a sum of Rs. 0.33 lakh spent during the period under review.

Training of Auxiliary Health Personnel :

Originally no provision was made for this scheme in the plan for 1959-60. But subsequently, a sum of Rs. 0.09 lakh was provided for the training of 4 Health Officers and a sum of Rs. 0.15 lakh was spent. During the year 3 Health Officers have undergone training in Public Health and one Health Officer in Health Education.

National Malaria Eradication Programme :

A sum of Rs. 12.30 lakhs was provided for this scheme towards the State's share of the cost of continuance of the three existing control units and for the establishment of 8½ Hypoendemic Units. Against this, a sum of Rs. 13.25 lakhs was spent and the targets set forth in the plan were fully achieved.

Liaison Officer for Five-Year Plan :

As the ministerial work in the Directorate of Public Health has increased enormously due to the implementation of various plan schemes, it was proposed to appoint one Liaison Officer for Five-Year Plan with ancilliary staff. Towards this, a sum of Rs. 0.17 lakh was provided and till the end of March 1960, a sum of Rs. 0.04 lakh was spent.

Village Medicine Boxes :

Under this scheme, it was proposed to distribute Medicine Boxes, to the villages where there are no Medical facilities. Towards maintaining the Boxes already supplied and to re-fill the boxes supplied during the first plan period, a sum of Rs. 0.91 lakh was provided. During the year, 905 old boxes were re-filled and a sum of Rs.0.51 lakh was spent.

M. C. H. Centres in Rural Backward Areas :

In order to render Maternity and Child Welfare Service to the rural population of the Backward areas in the Telangana Region, 2 Maternity and Child Health Centres were opened during 1957-58. Towards the continuance of these two centres and for the establishment of six new centres a sum of Rs. 1.42 lakhs was provided in the programme for 1959-60. Against this a sum of Rs. 0.31 lakh was spent and the targeted six centres were opened besides the continuance of the two existing centres.

School Health Clinics :

For the benefit of School Children, four School Health Clinics were started during the years 1957-58 and 1958-59. Towards the continuance of these 4 clinics and to open 2 more clinics, a sum of Rs. 3.00 lakhs was provided for expenditure during the year 1959-60. The targeted two clinics were established besides the continuance of the old 4 clinics and towards all this a sum of Rs. 1.22 lakhs was spent till the close of the year.

Family Planning Clinics :

Towards the establishment of 42 Rural Family Planning Clinics, besides the continuance of the one existing at Hyderabad, a sum of Rs. 0.99 lakh was provided. During the year all the 42 clinics were established and the clinic at Hyderabad was continued and a sum of Rs. 0.73 lakh was spent till the end of the year 1959-60.

Health Education Scheme :

In order to arouse Health consciousness among the people of rural areas, six epidemic vans were provided for six districts to carry on the Health Propaganda. During the year 1959-60 it was proposed to construct a wing at the Health Museum, Hyderabad and to purchase 2 propaganda vans with 16 m.m. projectors besides continuing the six epidemic vans. For this, a provision of Rs. 1.72 lakhs was made. During the year all the six epidemic vans were continued and the 10 m.m. projectors were supplied at a cost of Rs. 0.81 lakh.

Creation of 50 Posts of Health Assistants :

As the Health Assistants working in the Telangana Region were found to be insufficient to cope up with the vaccination work, it was proposed to appoint 50 Health Assistants during the year 1959-60 for which a provision of Rs. 0.82 lakh was made in the Budget for 1959-60. All the 50 posts were filled up and a sum of Rs. 0.32 lakh was spent during the year.

Creation of 50 Posts of Health Inspectors :

At the beginning of 1959-60 there were only 25 Reserve Health Inspectors working in the Telangana Region and they were found to be insufficient for Epedimic Reserve and leave Reserve. It was therefore proposed under this scheme to appoint 50 Health Inspectors during the year 1959-60 for which a sum of Rs. 1.08 lakhs was provided in the Budget for the year. Against this, a sum of Rs. 0.35 lakh was spent and all the 50 Inspectors were appointed.

District Demonstration Project :

Originally no provision was made for this scheme. But subsequently, a sum of Rs. 0.01 lakh was provided for establishing one District Demonstration Project at

Hyderabad as per the conditions laid down in the subsidiary Plan of operations. The entire provision was spent during the year.

Smallpox Eradication Programme in the twin cities of Hyderabad and Secunderabad:

By way of implementing the recommendations of the Expert Committee constituted by the Government of India on the control of Smallpox and Cholera, and as a prelude to move to undertake, during the Third Five-Year Plan, a nation-wide smallpox Eradication Programme through mass Vaccination, the Directorate of Public Health in Andhra Pradesh has carried out, for he first time in whole of India, Pilot Projects covering 14 units in the Community Development Block, Non-community Development Block rural areas, Panchayats Municipalities of various districts and in the cities of Hyderabad and Secunderabad for assessing the implications of a nation-wide mass vaccination programme.

The first phase of the City Programme for Smallpox Eradication has been launched on 15-3-1960 and completed on 31-3-1960. This Programme was aimed at the coverage of 2.25 lakhs population in Hyderabad city and 75,000 population in Secunderabad city. After enumeration in the selected areas, the population in the areas was found to be 218,000 and 69,600 respectively. Out of this, 178,798 vaccinations including 10,362 Primary Vaccinations have been performed in Hyderabad city whereas in Secunderabad City 45,594 vaccinations including 2,636 Primary Vaccinations have been done. The percentage of population protected in the selected areas during the Campaign works out to 82 and 66 in Hyderabad and Secunderabad cities respectively, apart from the routine vaccinations done earlier. The expenditure incurred on the Scheme during 1960 is Rs. 0.28 lakh.

Rural Water Supply:

A sum of Rs. 13.28 lakhs was provided in the plan for 1959-60 for continuing the well sinking programme in the three rural units at Kattedan (Hyderabad district), Gadwal (Mahbubnagar district) and Utnoor (Adilabad district). Of this, an amount of Rs. 10.06 lakhs was spent and 172 wells were sunk and 1,467 latrines were constructed till the end of March 1960.

Statement XXI shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Social Services* (Rs. in lakhs)

Serial No	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ANDHRA							
1.	Training of Health Visitors..	4.41	0.45	0.69	0.77	1.70	0.98
2.	Training of Dais ..	3.32	0.17	0.38	0.69	0.81	1.00
3.	Training of Public Health and Auxiliary Health Personnel	2.76	0.24	0.47	0.75	1.00	0.46
4.	Training of General Trained Nurses in Public Health Nursing	0.22	0.04	..	0.02	0.08	0.06
5.	Expansion of Malaria Bureau	74.34	3.53	5.07	12.45	22.99	25.83
6.	National Filaria Control Programme	3.61	0.69	0.57	0.75	7.11	0.86
7.	B.C.G. Vaccination ..	12.72	2.05	2.17	2.50	3.70	2.36
8.	Nutrition Research ..	3.61	0.24	0.53	0.80	1.14	0.71

XXI

SUB-HEAD OF DEVELOPMENT :—*Public Health.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
i. Health Visitors ..	No.	260	49	26	80	30	32
ii. Auxiliary Nurse Midwives ..	,,	60	..	..	..	30	10
Dais ..	,,	3,240	318	360	..	720	615
i. Assistant D.P.H. ..	,,	5	..	1	1	1	1
ii. Health Officers ..	,,	90	18	15	24	25	7
iii. Senior Entomologist ..	,,	5	..	..	..	..	..
iv. Women Medical Officers	,,	10	..	2	2	1	..
v. Chief Entomologists ..	,,	1	..	1	..	1	..
vi. Health Inspectors ..	,,	20	..	2	2	1	1
vii. General Trained Nurses ..	,,	60	..	..	..	..	..
viii. Health Visitors ..	,,	10	..	..	1	..	..
ix. Medical Entomologist	,,	1	..	1	..	..	..
General Trained Nurses ..	,,	10	2	..	1	8	3
i. Continuance of controlled units ..	,,	..	2	2	..	4	4
ii. Opening of New control Units ..	,,	2	..	2	..	..	..
iii. Opening of Hypoendemic units ..	,,	16	..	..	..	16	16
i. Continuance of control unit ..	,,	..	1	1	..	1	1
ii. Establishment of New Units ..	,,	4	..	..	..	4	..
i. Continuance of Administrative Unit ..	,,	..	1	1	1	1	1
ii. Continuance of Field Teams ..	,,	..	6	6	6	6	6
iii. Establishment of New Teams ..	,,	2	..	..	..	2	3
i. Continuance of Unit ..	,,	..	1	1	..	2+1 unit in Telangana	3
ii. Opening of New Unit.	,,	2	..	1	..	..	..

STATEMENT

HEAD OF DEVELOPMENT: *Social Services* (Rs. in lakhs)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
9.	Rural Sanitation Unit ..	0.74	0.07	0.09	0.08	0.28	0.16
10.	Health Propaganda and Publicity	6.46	0.26	1.45	0.35	4.15	2.31
11.	Establishment of Central Malaria Laboratory and Museum	1.11	0.01	0.42	0.31	0.43	0.18
12.	Establishment of Central Nutrition Laboratory ..	1.47	..	0.43	..	0.56	0.23
13.	Vital Statistics and Health Statistics–Mechanization and compilation of Vital statistics	0.40	..	..	..	0.22	0.17
14.	School Health Services ..	3.49	..	..	0.65	2.37	0.86
15.	Rural Family Planning Clinics (Schemes Subsequently included) ..	1.68	..	..	..	..	1.40
16.	National Rural Water supply and sanitation scheme ..	79.07	24.40	10.66	12.00	16.34	19.17
	Total for Andhra ..	355.20*	122.15*	73.78*	49.00*	62.88	56.68

XXI.

SUB-HEAD OF DEVELOPMENT: *Public Health.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Staff Scheme ..	No.	..	..	..	..	..	..
i. Continuance of Jeeps .	,,	..	11	11	..	11	11
ii. Continuance of Vans .	,,	..	2	2	..	4	4
iii. Purchase of New Vans	,,	18	..	2	..	8	8
iv. Purchase of Propaganda Vans ..	,,	N.A.	..	..	..	3	3
Continuance of Central Malaria Laboratory ..	,,	1	1	1	1	1	1
Establishment of Central Nutrition Laboratory ..	,,	1	..	..	..	1	1
Establishment of Regional Nutrition Unit ..	,,	N.A.	..	1	..	..	..
Staff Scheme							
i. Continuance of school health clinics ..	,,	..	..	..	..	2	2
ii. Establishment of Health Clinics ..	,,	4	..	..	2	2	2
i. Continuance of clinics	,,	..	..	..	..	46	46
ii. Opening of new clinics	,,	..	..	..	..	45	45
i. Villages to be provided with wells ..	,,	459	78	28	124	188	100
ii. Latrins to be constructed ..	,,	18,850	2,000	900	760	1,280	1,367
		..	..	..	..	..	..

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (Rs. in lakhs)

Serial No	Name of the Scheme	Financial Targets and Achievements					
		Second Plan Provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
TELANGANA.							
1.	Training of Health Personnel	3.29	..	0.37	0.43	1.26	0.66
2.	Training of Dais ..	0.44	..	..	..	0.12	0.33
3.	National Malaria Control Programme	36.04	..	1.50	3.24	12.30	13.25
4.	National Filaria Control Programme	N.F.	..	..	..	6.60	..
5.	Liaison Officer for Five-Year Plan.	0.19	..	0.02	..	0.17	0.04
6.	Village Medicine Boxes ..	2.82	..	0.12	0.26	0.91	0.51
7.	M.C.H. Centres in Backward-Areas	2.58	..	0.13	..	1.42	0.31
8.	School Health Clinics ..	7.19	..	0.65	1.09	3.00	1.22
9.	Family Welfare Centres ..	2.28	..	0.25	0.28	0.99	0.73
10.	Health Education Scheme ..	6.40	..	0.90	0.32	1.72	0.81
11.	Creation of 50 posts of Health Assistants ..	1.08	..	..	..	0.82	0.32
12.	Creation of 50 posts of L.R. Health Inspectors ..	1.33	..	..	..	1.08	0.35

XXI.

SUB-HEAD OF DEVELOPMENT: *Public Health.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievements in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
i. Health Visitors	.. No.	90	..	..	60	30	30
ii. Auxiliary Nurse Midwives	.. ,,	30	..	..	..	30	30
Dais	.. ,,	480	..	..	..	240	140
i. Continuance of Control Units	.. ,,	..	3	3	3	3	3
ii. Establishment of Hypo-endemic Units	.. ,,	9	..	..	..	9	9
Establishment of Filaria Control Units	.. ,,	4	..	..	..	3	..
Establishment of Survey Unit	.. ,,	1	..	..	..	..	..
Staff Scheme							
Village Medicine Boxes	.. ,,	108	..	54	54	..	..
Refilling of Old Boxes	.. ,,	..	..	..	..	797	905
Establishment of M.C.H. Centres	.. ,,	14	..	2	..	6	6
Continuance of existing Centres	.. ,,	..	..	..	..	2	2
Establishment of School Health Clinics	.. ,,	9	..	2	2	2	2
Continuance of existing Health Clinics	.. ,,	..	..	..	2	4	4
Family Planning Clinics	.. No.	55	..	..	..	42	42
Continuance of Family Welfare Centre	.. ,,	..	1	1	1	1	1
Supply of Epidemic Vans	.. ,,	6	..	6	..	..	..
Continuance of existing Vans.		..	..	..	..	6	6
Supply of 16 m.m. Projects	No.	2	..	..	..	..	..
Health Assistants	.. ,,	50	..	..	..	50	50
Leave Reserve Health Inspectors	.. ,,	50	..	..	..	50	50

STATEMENT

HEAD OF DEVELOPEMTNT: *Social Services.* (Rs. in lakhs).

Serial No	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Schemes Subsequently Included.						
13.	Rural water supply ..	31.32	0.48	6.00	11.56	13.28	10.06
14.	Training of Auxiliary Health Personnel	0.47	..	..	..	..	0.15
15.	District Demonstration Project	0.20	..	..	..	..	0.01
16.	Small-Pox Eradication Programme in the twin cities of Hyderabad and Secunderabad.	..	..	..	..	..	0.28
	Total for Telangana ..	98.25	0.48	9.94	17.18	43.67	29.03
Grand Total for Andhra Pradesh .		453.45*	122.63*	83.72*	66.18*	106.55	85.71

*Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and/or

XXI.

SUB-HEAD OF DEVELOPMENT : *Public Health.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Wells to be constructed	.. No.	538	..	..	188	215	172
Health Offices	.. ,,	..	..	..	..	4	4
Staff Scheme							
Persons to be vaccinated	No. in lakhs	..	..	..	..	2.88	2.24
	..	..	..	..	..	..	..

schemes which are proposed to be taken up during 1960-61.

CHAPTER XXV

Housing

The programme for the construction of houses and slum clearance in the State during 1959-60 consisted of 9 schemes involving an outlay of Rs. 112.25 lakhs. Of these 9 schemes, 4 schemes with an outlay of Rs. 46.17 lakhs related to the Andhra Region while the remaining 5 schemes costing Rs.66.08 lakhs related to the Telangana Region. During the course of the year, one more scheme 'Rural Housing' was included and implemented. On all these 10 schemes, a sum of Rs. 76.59 lakhs was spent till the end of March, 1960. Of this, the expenditure in the Andhra Region amounted to Rs. 40.23 lakhs and that in Telangana amounted to Rs. 36.36 lakhs. The details of progress made in respect of each of the schemes is given below :

Slum Clearance and Sweepers' Housing :

In order to avoid growth of unhealthy places of squalor and filth, the Government of India have sanctioned four slum clearance schemes for implementation at Visakhapatnam, Vijayawada and Guntur. During the year 1958-59, 888 plots covering an area of 40.50 acres were under execution and in the current year's plan a sum of Rs. 2.16 lakhs was provided for the development of 600 plots covering an area of 43 acres. But, during the year, only 28 plots could be developed due to non-availability of suitable land for the scheme, the delay involved in the acquisition of land from the Revenue Department and the very extensive procedure laid down by the Government of India for formulation of the scheme and also the shifting of dwellers to suitable alternative sites. Towards this, a sum of Rs. 1.37 lakhs was spent till the end of March, 60.

Subsidised Industrial Housing Scheme :

During the year 1959-60, it was programmed to construct 200 tenements-100 tenements at Rajahmundry and 100 tenements at Eluru. Towards this, a sum of Rs. 21.88 lakhs was provided in the Plan for the year. But, the construction of the houses at these two places could not be taken up due to non-completion of the land

acquisition proceedings. However, some land was acquired at Buggenapalli in Kurnool district and 26 houses were constructed upto lintal level. In addition, 38 houses were also constructed upto lintal level, at Nandyal. The expenditure incurred on this scheme till the end of March, 1960, amounted to Rs. 2.24 lakhs.

Urban Housing (Co-operative Sector):

For relieving housing scarcity in urban areas by providing long term loans to the members of co-operative union housing societies, a sum of Rs. 20.00 lakhs was provided in the annual plan for 1959-60 for the construction of 334 houses. But, during the year, a sum of Rs. 28.86 lakhs was disbursed as loans and 224 houses were completed while 466 houses were in different stages of construction. In addition, a sum of Rs. 5.36 lakhs was also disbursed towards the spill-over loans sanctioned in the previous year and 37 houses were completed thereby.

Urban Housing (Local Bodies):

To enable the Local Bodies to undertake the construction of Low Income Group Houses, an amount of Rs. 2.13 lakhs was provided in the plan for 1959-60. Though, certain difficulties *viz.*, non-availability of lands at suitable places, delay in the acquisition of lands, non-availability of steel and cement in adequate quantities and reluctance of the contractors to take up the works at estimated cost etc., were experienced during the year, the entire provision was spent and the targeted number of 44 houses are under construction.

Rural Housing :

Originally no provision was made for this scheme in the annual plan for the year 1959-60. Subsequently a sum of Rs. 0.30 lakh was provided in the revised estimates for the year. Against this, a sum of Rs. 0.27 lakh was spent and 8 houses were completed. Besides, this 56 more houses were under different stages of construction.

Telangana

Slum Clearance and Sweepers' Housing :

This scheme envisages clearance of slums, development of plots and construction of tenements in Yakutpura and Domalaguda localities by the City Improvement Board Hyderabad. Till the end of March, 1959, 140

plots were developed and 204 houses were constructed under the scheme. Towards the continuance of this scheme during 1959-60, an amount of Rs. 3.48 lakhs was allotted in the annual plan. Against this, a sum of Rs. 1.57 lakhs was spent and 108 houses were constructed till the end of March, 1960.

Subsidised Industrial Housing Scheme :

Under this scheme, construction of single and double room tenements was taken up by the erstwhile Hyderabad Government with the financial assistance made available by the Government of India for Housing Industrial workers at Chikkadapalli, Secthaphalmandi and Ambarpet colonies in Hyderabad city and in Warangal, Nizamabad and Khammam towns. During 1959-60, it was proposed to spend Rs. 17.95 lakhs on this scheme against which an amount of Rs. 7.38 lakhs was spent and the construction of 198 tenements was completed during the year under review.

Low Income Group Housing (Government Sector):

The Government of India have sponsored the Low Income Group Housing scheme in order to overcome the dearth of living accomodation in India. It provides for the grant of long term loans at reasonable rates of interest to persons whose income does not exceed Rs. 6,000 per annum. For the execution of the slum, 80% of the estimated cost of construction including land, subject to a maximum of Rs. 8,000 for each house will be given by the Government of India as long term loans repayable in 30 annual instalments, with interest at $4\frac{1}{2}\%$ per annum. The balance 20% of the cost will be met by the State Government and ultimately recovered from the hire-purchaser. During 1959-60, it was proposed to spend an amount of Rs. 20.95 lakhs for the construction of 267 Houses. But only an amount of Rs. 11.75 lakhs was spent and 153 houses were constructed.

Low Income Group Housing (Municipal Sector):

Under this scheme, loans will be issued to the Municipalities for the construction of Houses under Low Income Group Housing Scheme. In the plan for 1959-60, a sum of Rs. 4.00 lakhs was provided for granting loans for the construction of 170 houses. Against this, a sum of Rs. 3.34 lakhs was spent and 91 houses were constructed till the end of March, 1960.

Low Income Group Housing (Co-operative sector):

During 1959-60, loans to the extent of Rs. 20.00 lakhs were proposed to be provided through the Co-operative Buildings Societies for the construction of about 340 houses in the twin cities of Hyderabad and Secunderabad and in other urban areas of Telangana region. Against this programme, only a sum of Rs. 12.32 lakhs was drawn and disbursed to the Co-operative Buildings Societies during 1959-60 and 180 houses were constructed.

Statement XXII shows the financial and physical targets and achievements.

*

STATEMENT

HEAD OF DEVELOPMENT:—*Social Services* (Rs. in Lakhs)

Serial No	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA						
1.	Slum Clearance and Sweepers Housing	4.89	..	1.51	0.63	2.16	1.37
2.	Subsidised Industrial Housing Scheme ..	35.39	..	9.11	9.12	21.88	2.24
3.	Urban Housing :						
	(*a*) Co-operative Societies ..	137.74	20.25	30.00	24.00	20.00	34.22
	(*b*) Local Bodies ..	19.88	..	4.35	8.20	2.13	2.13
4.	Rural Housing ..	2.16	0.75	0.90	..	..	0.27
Total for Andhra		201.90	21.00	45.87	41.95	46.17	40.23
	TELANGANA :						
1.	Slum Clearance and Sweepers Housing	4.59	..	3.03	4.72	3.48	1.57
2.	Subsidised Industrial Housing Scheme	50.41	9.67	14.87	11.10	17.65	7.38
3.	Low Income Group Housing Scheme :						
	(*a*) Government Sector ..	78.08	23.50	13.60	16.52	20.95	11.75
	(*b*) Municipal Sector ..	41.91	..	4.10	0.08	4.00	3.84
	(*c*) Co-operative Sector ..	118.84	8.60	12.32	17.97	20.00	12.32
Total for Telangana		293.78*	41.77	47.92	50.39	66.08	36.86
	Grand Total ..	495.68*	62.77	93.79	92.34	112.25	76.59

* Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and for

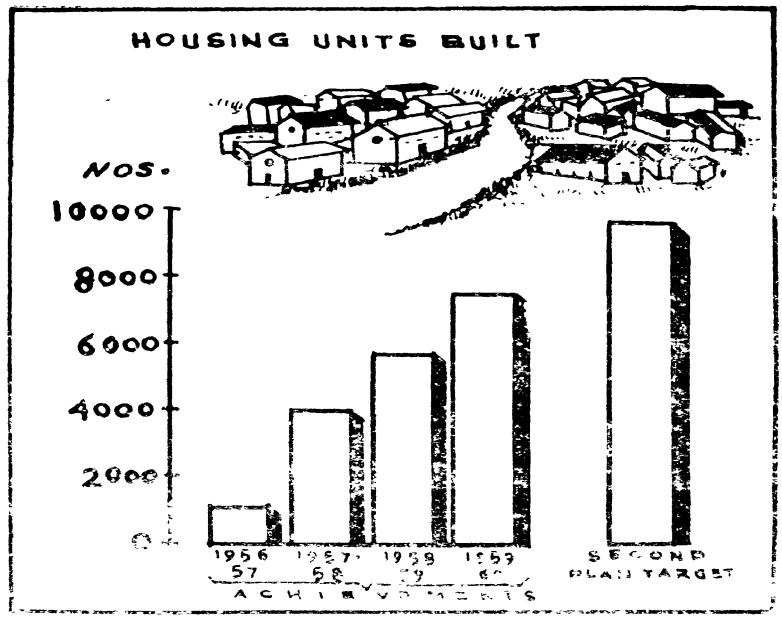
XXII

SUB-HEAD OF DEVELOPMENT:—*Housing*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievements in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Development of Plots	No.	1,900	..	..	888	600	250
(*b*) Development of area	.. Acs.	114	..	..	40.50	48	..
Construction of tenements	.. No.	500	..	..	..	250	..
Do.	,,	1,378	100	200	250	200	
Houses for the construction of which loans were granted.	,,	1,700	389	347	248	340	261
Do.	,,	320	..	155	171	14	44
Do.	,,	..	..	..	..	..	8
(*a*) Plots to be developed	No.	200	..	..	204	..	..
(*b*) Houses to be constructed	.. No.	466	..	..	98	..	108
Construction of Houses	No.	2,412	46	740	178	665	198
Do.	,,	1,607	300	469	273	267	158
Do.	,,	1,051	..	386	18	170	91
Do.	,,	1,106	99	352	170	340	180

for the Schemes completed earlies to 1959-60. and for schemes which are proposed to be taken up during 1960-61.

HOUSING


HOUSING UNITS BUILT
NOS.
10000
8000
6000
4000
2000
0
1956
57
58
59
60
ACHIEVEMENTS
SECOND
PLAN TARGET

CHAPTER XXXI.

Labour and Labour Welfare.

In the programme for 1959-60, sixteen schemes relating to "Labour and Labour Welfare" were taken up for implementation, apart from the 18 schemes directly implemented by Labour Ministry formulated for providing training facilities to craftsmen. The Budget Provision for the schemes included in the current years' programe amounted to Rs. 30.56 lakhs. This was subsequently revised to Rs. 28.49 lakhs. The actual expenditure on the implemented schemes amounted to Rs. 20.21 lakhs. Three of the schemes coming under this sub-head are State-wide schemes. Details of the progress of the schemes implemented during the year are described below.

Andhra Pradesh

Collection of Employment Market Information :

This scheme was first implemented during 1957-58 for studying employment market information in the Public Sector at 5 major Exchanges *viz.*, Hyderabd, Warangal, Visakhapatnam, Vijayawada and Kurnool with a central unit at the Directorate of National Employment Service, Hyderabad. It was later on extended to other Exchanges also and additional staff was provided to all the exchanges to cope up with the work load involved on account of these studies. Further, the studies of employment market information in Private Sector was also taken up. Out of the budget provision of Rs. 0.31 lakhs, a sum of Rs. 0.30 lakh was spent during the year 1959-60.

Occupational Research and Analysis :

Towards the continuance of the Occupational Research and Analysis unit established during 1956-57, a provision of Rs. 0.03 lakh was made for the year 1959-60 and against this an amount of Rs. 0.04 lakh was spent on the scheme.

Employees' State Insurance Scheme :

At the instance of Government of India, during 1957-58 it was proposed to extend the medical benefits under this scheme to the families of the insured workers also. However the scheme could not be implemented during that year. In 1958-59 steps were taken to upgrade nine dispensaries (6 in Andhra and 3 in Telanagna) to provide medical aid to the families of insured persons. Besides this, 4 new dispensaries were opened at Secunderabad, Sultanbazar, Dabirpura and Vijayawada in addition to the conversion of 2 part-time dispensaries at Paddakakani and Malakapuram into full-time dispensaries. The construction of the E.S.I. dispensary at Kavadiguda was taken up at the fag end of the year 1958-59. During the year 1959-60, the medical benefits, where the E.S.I. scheme was already in force were extended to the families of insured persons. The scheme was also extended to Warangal and Sirpur (Kagaznagar) by opening three full-time dispensaries (one at Warangal and two at Sirpur). A 32-bedded ward constructed as Annexe to K.E.M. Hospital Secunderabad for exclusive use of insured persons was put into use and also a 16-bedded ward was opened as Annexe to Hospital for the diseases of Chest and T.B. Iramnuma during the year under review. The construction of the building for accommodating E.S.I. Dispensary, Kavadiguda was in good progress. Against the provision of Rs. 14.40 lakhs (of which the State's share was Rs. 1.80 lakhs) for the year 1959-60, a sum of Rs. 9.30 lakhs (*i.e.*, 1.16 lakhs for the State's share) was utilised.

Andhra Region.

Extension of Coverage of Employment Service. District Employment Exchange, Srikakulam :

Towards the continuance of the District Employment Exchange, Srikakulam established during the year 1956-57, a sum of Rs. 0.04 lakh was provided for expenditure during the year 1959-60. A sum of Rs. 0.05 lakh was, however spent on this scheme during the year under review.

Establishment of Vocational Guidance (Youth Employment Service and Employment Counselling) Units :

During the year 1959-60, a sum of Rs. 0.05 lakh was provided for opening of three centres, one each at

Vijayawada, Guntur and Kurnool and all the three units were established to give guidance and assistance to the youth and adults with previous experience in the choice of Occupations suited to them. There was an expenditure of Rs. 0.03 lakh on this scheme during the year under review.

Labour Welfare Centres :

During the year 1957-58 though it was proposed to establish one 'A' type welfare centre at Vijayawada to provide recreational and educational facilites to the men, women and children of the working classes, the centre could not be opened during that year. However, a sum of Rs. 0.17 lakh was spent during 1957-58 for the purchase of equipment and during the year 1958-59, the centre was opened in a rented building. During the year under review, it was proposed to establish two 'A' type centres at Guntur and Visakhapatnam and a sum of Rs. 2.50 lakh was provided for this purpose. The two centres were opened in rented buildings, with requisite supervisory, technical and other staff and were equipped with the materials needed for educational, recreational and cultural activities. Though the construction work for the permanent buildings at Guntur and Visakhapatnam could not be taken up due to land acquisition difficulties, the building work relating to the Welfare Centre at Vijayawada was completed and the centre was shifted from the rented buiding to the new building during the year 1959-60. An amount of Rs. 0.51 lakh was spent on this scheme during the year under review.

LABOUR MINISTRY'S SCHEMES.

Expansion of Training Facilites for Craftsmen.

This is a centrally sponsored scheme for which the Ministry of Labour shares 60 per cent of recurring and non-recurring expenditure. During the year 1959-60, a sum of Rs. 11.78 lakhs was earmarked towards the State's share of expenditure for implementation of the following ten training programmes at various centres in Andhra Region. The State's share of actual expenditure during the year amounted to Rs. 8.83 lakh.

(*a*)—*Industrial Training Institute, Nellore.*—During the year 1959-60, an amount of Rs. 1.41 lakhs was provided to meet the Sate's share of expenditure for training

192 students in two shifts. Against this programme Rs. 1.62 lakhs was spent during the year under review and 192 students were trained in the Centre.

(*b*) *Industrial Training Institute, Visakhapatnam.*—An amount of Rs. 2.14 lakhs was provided towards the State's share of expenditure during the year 1959-60 for imparting training to 288 students in two shifts. Against this, a sum of Rs.. 1.51 lakhs was spent on the scheme during the year under review and the 288 students were trained.

(*c*) *Industrial Training Institute, Vuyyuru.*—During the year 1959-60 it was proposed to shift this Institute to Vijayawada. This Institution was upgraded into a full fledged institution by adding 224 additional seats during 1958-59. A sum of Rs. 1.95 lakhs was provided towards the state's share of expenditure relating to the construction of permanent buildings at Vijayawada, purchase of equipment and appointment of staff. Against this an expenditure of Rs. 2.56 lakhs was incurred during the year under reivew.

(*d*) *Deficit equipment for existing Industrial Training Institutes.*—This scheme was intended for providing deficit equipment for the three Industrial Training Institutes at Kakinada, Anantapur and Vuyyuru with a view to improve workshop facilities and for this purpose a sum of Rs. 0.75 lakh was provided during the year 1959-60 and the entire amount was expended on the scheme.

(*e*) *Industrial Training Institute, Anantapur.*—During the year 1958-59, 168 additional seats were added to this institution by providing additional staff and equipment. Though it was proposed for increasing the number of seats by 100 during the current year, no increase could be effected. Out of the budget provision of Rs. 1.93 lakhs made for the year 1959-60 towards the State's share of expenditure on the scheme, only a sum of Rs. 0.88 lakh was spent, for the continuance of staff appointed prior to 1959-60.

(*f*) *Industrial Training Institute, Kakinada.*—In this institution also 168 seats were added during the year 1958-59 and though it was proposed to add 100 more seats during the current year, no additional increase could be effected. Against the Budget Provision of

of Rs. 2.86 lakhs, only a sum of Rs. 1.98 lakhs was spent during the year under review.

(*g*) *Apprenticeship training scheme.*—Training programme was initiated during the year 1957-58 at the Hindustan Ship Building Yard to impart training to 120 candidates and during 1959-60, a sum of Rs. 0.39 lakh was provided for the continuance of the scheme. As against this, a sum of Rs. 0.26 lakh was spent during the year under review.

(*h*) *Hobby Training Scheme.*—It was proposed to take up this scheme during the year 1959-60 and a sum of Rs. 0.06 lakh (State's share) was earmarked in the Budget to provide training facilties to 50 pupils at a time in the Industrial Training Institute, Kakinada. But this scheme could not be implemented during the year under review.

(*i*) *Training of Craft Instructors.*—This sheme was formulated to impart intensive training to the trainees who passed with distinction from the Industrial Training Institutes. For this purpose a sum of Rs. 0.06 lakh was provided in the budget to meet the State's share of expenditure but only a sum of Rs. 0.02 lakh was spent on the scheme during the year under review.

(*j*) *Evening Classes Scheme.*—This scheme has since been dropped and provision of Rs. 0.23 lakh made for the year 1959-60 was proposed to be diverted to the other schemes.

Telangana

Establishment of District Employment Exchanges:

Prior to 1956-57, there were only two District Employment Exchanges at Hyderabad and Warangal. It was therefore proposed to establish one Employment Exchange at each district Headquarters by the end of Second Plan. Three units were opened during 1957-58 at Nalgonda, Adilabad and Nizamabad and two more district Employment Exchanges were opened at Karimnagar and Khammam in 1958-59. For the continuance of these five units, an amount of Rs. 0.20 lakh was provided towards the State's Share in the Budget against which a sum of Rs. 0.21 lakh was spent during the year under review.

Alignment of Regional Employment Exchange, Saifabad (Hyderabad) with All India Organisation:

The Regional Employment Exchange, Hyherabad was not provided with adequate staff and hence it was proposed to appoint one Assistant Employment Officer one U.D.C., one L.D.C., one Guide and a Peon. But only, one L D.C. and one Guide were appointed during 1958-59. During the year under review an amount of Rs. 0.01 lakh was provided in the Budget towards State's share for continuing the staff already appointed during 1958-59 and the entire amount was spent on the scheme.

Youth Employment Service and Employment Conselling:

For the continuance of a Vocational guidance unit which was established at Regional Employment Exchange, Hyderabad during 1957-58 in order to assist the individual in the choice of an occupation best suited to the aptitude, physical capacity, qualifications etc. a sum of Rs. 0.05 lakh was provided towards the State's share of cost during the year 1959-60. Against this, there was an expenditure of Rs. 0.06 lakh on the scheme.

Labour Welfare Centres :

Though it was proposed to open two 'A' type Welfare Centres at Musheerabad (Hyderabad) and Warangal and 3 'B' Type Centres at Sanathanagar (Hyderabad). Azamabad (Hyderabad) and Nizamabad during 1957-58, they could not be opened during that year due to the lack of accommodation. But a sum of Rs. 1.05 lakhs was spent towards purchase of equipment. The centres were however opened during 1958-59 in rented buildings and construction of permanent buildings for these centres was taken up during that year. During the year 1959-60 permanent buildings for four centres at Musheerabad, Azamabad, Sanathnagar and Nizamabad were completed and occupied. The construction work relating to the other centre viz., Warangal was taken up during the year under review and in addition '2' B type Welfare Centres were opened at Seetaphalmandi, (Secunderabad) and Sirpur (Kagaznagar) as originally planned. On this scheme a sum of Rs. 1 34 lakhs was spent towards the State's share of exdenditure against a provision of Rs. 3.41 lakhs.

Worker's Education :

In addition to continuing the existing classes, four workers education classes were proposed to be opened

in selected factories during 1959-60. Out of four classes only two were opened and the other two could not be opened for want of suitable hands for appointment as teachers. A sum of Rs. 0.09 lakh was spent against a provision of Rs. 0.18 lakh.

Establishment of Libraries :

Under this scheme it was proposed to open 15 libraries in factories during 1959-60 besides continuig the 10 libraries opened during 1957-58 and a provision of Rs. 0.03 lakh was made. Against this programme 12 libraries were opened and the entire amount of Rs. 0.03 lakh was spent during the year under review.

Expansion of the Administrative Machinery of the Labour Department :

Under this scheme it was proposed to appoint additional staff comprising of 10 Assistant Inspectors of Labour and one Driver and purchase one Station Wagan during the year 1959-60 besides continuing the posts of 12 Assistant Inspectors of Labour, one Superintendent for Welfare Centres and other staff sanctioned prior to 1959-60. For this purpose a sum of Rs. 1.64 lakhs was provided for the year 1959-60. This programme was implemented during the year under review and in addition to the above staff proposed two more posts were sanctioned for evaluating the progress of plan schemes and to collect and analyse various statistical information relating to the Department. A sum of Rs. 1.53 lakhs was spent on this scheme.

Training of Officers :

This scheme envisages the deputaton of a few Gazetted and Non-Gzetted Officers for Training. During the year three Welfare organisers were sent for training in Welfare Course under the auspices of Coal Mines Welfare Fund Organisation at Bhili. One Superintendent of Welfare Centres was also deputed for a short-term course at Calcutta University. Of the sum of Rs. 0.40 lakh provided for this scheme, only 0.12 lakh was spent due to the limited training facilities at the Calcutta University and other institutions.

Strengthening of Inspectorate of Factories and Boilers :

A sum of Rs. 1.41 lakhs was provided for the year 1959-60 for appointing a Medical Inspector and a Factory

Inspector with requisite staff and for purchase of one van in addition to the continuance of the staff already appointed during the previous years of the plan period. During the period under review, the Inspector of Factories along with the staff was appointed at Mahbubnagar. The Medical Inspector was first intended to be attached to the Chief Inspector of Factories. But owing to a a subsequent decision by the Government he was attached to the Director of Medical Services with the transfer of necessary funds and the proposal for the purchase of van was not sanctioned. In effect, out of the amount of Rs. 1.41 lakhs an amount of Rs. 0.68 lakh could be spent during the year.

Institute of Industrial Safety and Productivity:

For 1959-60, a provision of Rs. 0.50 lakh was included to meet the expenditure connected with the establishment of an institute of Industrial Safety and Productivity. As a suitable site was not available the scheme could not be implemented.

LABOUR MINISTRY'S SCHEMES.

Expansion of Training Facilities for Craftsmen:

This is a centrally sponsored scheme for which the Ministry of Labour, Government of India bears 60 per cent of the cost. During the current year, an amount of Rs. 6.22 lakhs was provided towards State's share of expenditure, out of which a sum of Rs. 5.22 lakhs was spent on the following seven schemes.

(*a*) *Central Crafts Institute, Hyderabad (I. T. I.).*- Prior to 1957-58, the Institution was functioning with an intake of 112 students per year. During the year 1957-58, double shift was introduced thus increasing the admissions to 224. Though it was proposed to increase the intake of students by providing another 100 seats, this could not be implemented as no suitable accommodation could be procured during the year under review. Against the provision of Rs. 2.71 lakhs, only a sum of Rs. 1.96 lakhs could be spent.

(*b*) *Technical Training Centre, Nizamabad (I.T.I.).*— During the year 1958-59, double shift was introdudced to increase the admissions from 104 to 208. For the year 1959-60, a sum of Rs. 1.50 lakhs was provided towards the cost of the State's share for meeting the expenditure relating to the construction of buildings, purchase of

equipment and for continuance of staff. Out of the amount provided a sum of Rs. 1.13 lakhs was spent during the year under review.

(*c*) *Industrial Training Instiute, Warangal.*—This Institute was started during 1958-59 with an intake of 248 students. During 1959-60, it was proposed to continue this Institute to provide additional buildings and equipment besides continuance of the staff etc., Against the provision of Rs. 1.19 lakhs, a sum of Rs. 1.61 lakhs was spent during the year under review.

(*d*) *Apprenticeship Training Scheme.*—Though it was proposed to start an Apprenticeship Training Programme in the workshop of Praga Tools Corporation, Hyderabad during the year 1959-60 at a cost of Rs. 0.22 lakh (State's share) the scheme could not be implemented during the year under review.

(*e*) *Hobby Training scheme.*—It was envisaged under this scheme, to introduce Hobby training with 50 seats at the Industrial Training Institute, Hyderabad in order to create interest in craft work and an amount of Rs. 0.06 lakh was provided in the Plan towards the State's share of expenditure. But, this scheme was deleted from the Plan during the year under review.

(*f*) *Government Technical College, Hyderabad (Now renamed as Government Polytechnic, Hyderabad).*—Under this scheme, the Overseer Trade Course which was formerly introduced at the Technical College, Hyderabad was converted into Draughtsmen (Civil) and Surveyors courses during 1958-59. This was proposed to be continued during 1959-60 and a sum of Rs. 0.19 lakh was provided towards State's share of expenditure. An amount of Rs. 0.12 lakh was spent on the scheme during the year.

(*g*) *Headquarters Staff.*—In order to cope up with the increase work load created on account of the implementation of various craftsmen training schemes at various Institutes a sum of Rs. 0.35 lakh was provided for recruiting additional staff at the Headquarters in the Directorate of Technical Education. Against this provision, a sum of Rs. 0.12 lakh was spent during the year under review.

Expansion of Training facilities and improvements of Private Institutions :

Though no specific provision was made for expansion of training facilities and effecting improvements to private

Institutions, a sum of Rs. 0.28 lakh was spent towards the State's share of expenditure during 1959-60 to strengthen the Alladin Technical Training Institute, Hyderabad.

Statement XXIII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (Rs. in lakhs).

Serial No.	Name of the Scheme	Second Plan Provisions as revised last	Financial Targets and Achievements: 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	Andhra.						
1.	Extension of Coverage of Employment Service: District Employment Exchange —Srikakulam ..	0.21	0.05	0.12	0.04	0.04	0.05
2.	Collection of Employment market information ..	0.52	..	..	0.08	0.31	0.30
3.	Youth Employment Service and employment Counselling	0.21	..	..	..	0.05	0.08
4.	Occupational Research and Analysis	0.15	0.02	0.07	0.04	0.03	0.04
5.	Labour Welfare Centres ..	4.06	..	0.17	1.04	2.50	0.51
6.	Employees State Insurance Scheme	4.64	..	..	0.64	1.80	1.16
7.	Expansion of Training Facilities for craftsmen.						
	(*a*) Industrial Training Institute, Nellore	4.82	..	0.55	0.98	1.41	1.62
	(*b*) Industrial Training Institute, Visakhapatnam ..	5.41	..	0.81	1.15	2.14	1.51
	(*c*) Industrial Training Institute, Vuyyuru	4.65	..	..	1.62	1.95	2.56
	(*d*) Deficit of equipment for the existing Industrial Training Institutes ..	2.95	..	0.59	1.61	0.75	@
	(*e*) Industrial Training Institute, Anantapur ..	2.78	..	..	0.45	1.93	0.88
	(*f*) Industrial Training Institute, Kakinada ..	5.36	..		1.28	2.86	1.98

@Included in the Expenditure of all the plan schemes under Expansion of training Facilities for craftsmen.

XXIII.

SUB-HEAD OF DEVELOPMENT:—*Labour and Labour Welfare.*

Item	Unit	Physical Targets and Achievements					
		Second plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
....		..	..	..	..	..	..
(*a*) Employment Market Information Centres.	No.	20	..	5	3	..	..
(*b*) Employment Market Information Private Sector ..	No.	20	..	..	..	5	5
Establishment of Youth Employment Service and Employment Counselling Units	„	3	..	..	..	3	3
Establishment of Occupational Research and Analysis Unit	No.	1	1	Unit is Continued			
Establishment of 'A' Type Welfare Centres ..	No.	3	..	..	1	2	2
(i) Extension of medical benefits to the members of the Family of insured workers	„			No. Specific Target			
(ii) Opening of full-time dispensaries ..	„	..	..	..	6	5	5
Intake of students ..	„	672	..	96	192	192	192
Do.	„	1,008	..	144	288	288	288
Do. ..	„	672	..	..	112	224	224
		Specific targets not envisaged.					
Intake of students ..	No.	504	..	..	84	168	168
Do. ..	„	504	..	..	84	168	168

STATEMENT

HEAD OF DEVELOPMENT:—*Social Services* Rs. in lakhs.

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
(*g*)	Apprenticeship Training Scheme	1.29	..		0.50	0.39	0.26
(*h*)	Hobby Training Scheme ..	..	..	..	..	0.06	..
(*i*)	Training of Craft Instructors	0.12	..	..	..	0.06	0.02
(*j*)	Evening Classes ..	0.31	..	..	..	0.23	..
	Total ..	40.43	0.07	2.31	9.43	16.51	10.92

XXIII.

SUB-HEAD OF DEVELOPMENT:—*Labour and Labour welfare*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Intake of students.	.. No.	480	..	120	120	120	120
Do.	.. ,,	200	..	..	..	100	..
Intake of Instructors	.. ,,	28	..	..	..	14	14

This has since been dropped from the Plan.

STATEMENT

HEAD OF DEVELOPMENT: *Social Services* (Rs. In lakhs)

Serial No	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Telangana.							
1.	Establishment of District Employment Exchange ..	0.74	..	0.13	0.17	0.20	0.21
2.	Alignment of Regional Employment Exchange, Hyderabad ..	0.03	..	..	..	0.01	0.01
3.	Youth Employment Service and employment Counselling	0.19	..	0.03	0.04	0.05	0.06
4.	Collection of Employment Market Information ..	0.25	..	0.01	..	Included in Andhra	
5.	Labour Welfare Centres ..	8.57	..	1.05	2.72	3.41	1.34
6.	Workers Education ..	0.46	..	0.04	0.09	0.18	0.09
7.	Establishment of Libraries..	0.06	..	0.03	..	0.03	0.03
8.	Expansion of Administrative Machinery of Labour Department	4.54	..	0.35	0.61	1.64	1.58
9.	Training of Officers ..	0.53	..	..	0.01	0.40	0.12

XXIII.

SUB-HEAD OF DEVELOPMENT: *Labour and Labour Welfare*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Employment exchanges	No.	7	..	3	2	..	..
Appointment of							
(i) Assistant Employment Officer	,,	1	..	..	..	..	..
(ii) U. D. C.	,,	1	..	..	..	..	..
(iii) L. D. C.	,,	1	..	..	1	Continuance.	..
(iv) Guide	,,	1	..	..	1	do	..
(v) Peon	,,	1	..	..	..	..	..
Establishment of Vocational Guidance Unit	,,	1	..	..	1	Continuance.	..
Establishment of Welfare Centres							
(*a*) 'A' Type	,,	2	..	..	2	..	..
(*b*) 'B' Type	,,	5	..	..	3	2	2
(*a*) Opening of workers' Classes	,,	16	..	8	2	4	2
(*b*) Continuance of Classes	,,	..	..	..	8	10	..
(*a*) Libraries	,,	37	..	10	..	15	..
(*b*) Continuance of Libraries	,,	..	..	..	..	10	NA..
Appointment of—							
(i) Superintendent for Welfare Centre	,,	1	..	1	..	..	..
(ii) Assistant Inspectors of Labour	No.	29	..	10	2	10	10
(iii) Jeep Driver	,,	1	..	..	..	1	1
Purchase of Jeep	,,	1	..	..	..	1	1
(i) Assistant Labour Inspectors	,,	..	..	..	..	6	6

STATEMENT

HEAD OF DEVELOPMENT: *Social Services* (Rs. In lakhs.)

Serial No	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10.	Strengthening of Inspectorate of Factories and Boilers	2.94	..	0.06	0.42	1.41	0.68
11.	Establishment of Industrial Safety and Productivity ..	0.50	..	..	..	0.50	..
12.	Expansion of Training facilities for craftsmen.						
	(*a*) Central Crafts Institute, Hyderabad	5.56	..	0.43	1.83	2.71	1.96
	(*b*) Technical Training Centre, Nizamabad ..	4.49	..	0.78	1.34	1.50	1.13
	(*c*) Industrial Training Institute, Warangal	3.11	..	..	0.87	1.19	1.61
	(*d*) Apprentice Training Scheme.	0.38	..	..	..	0.22	..
	(*e*) Hobby Training Scheme ..	..	..	..	..	0.06	..
	(*f*) Government Technical College, Hyderabad ..	0.46	..	..	0.09	0.19	0.12
	(*g*) Headquarters Staff Scheme.	0.68	..	0.01	0.05	0.35	0.12
	(*h*) Alladin Technical Training Institute, Introduction of additional seats ..	..	..	..	..	..	0.28
	Total for Telangana ..	33.65*	..	2.92	8.24	14.05	9.29
	Total for Andhra Pradesh ..	74.08*	0.07	5.23	17.67	30.56	20.21

* Besides schemes listed this includes figures for the schemes completed earlier to 1959 - 60 and

XXIII

SUB-HEAD OF DEVELOPMENT : *Labour and Labour Welfare*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Appointment of—							
(i) Regional Inspector of Factories	.. ,,	2	..	2	..	..	..
(ii) Inspector of Factories ..	.. ,,	3	..	..	1	1	1
(iii) Medical Inspectors.		1	..	..	1	1	N.A.
(iv) Inspector of boilers.	,,	1	..	..	1	.	..
(v) Purchase of van ..	,,	1	..	..	..	1	N.A.
Establishment of an Institute	,,	1	..	..	..	..	..
Intake of students ..	No.	1,008	112	224	224	224	224
Do. ..	,,	776	48	104	208	208	208
Do. ..	,,	744	..	..	248	248	248
Do. ..	,,	124	..	..	..	62	..
Do. ..	,,	100	..	..	..	50	..
Do. ..	,,	288	..	..	96	96	96
Staff Scheme ..		..	..	..	..	..	..
Intake of Students ..	No.	194	..	..	..	..	92

and or Schemes which are proposed to be taken up during 1960-61.

CHAPTER XXVII

Welfare of Backward Classes and Scheduled Castes.

During the year 1959-60, 38 schemes were taken up for ameliorating the social and economic conditions of scheduled castes, backward classes and ex-criminal tribes in the State. Of these, 21 schemes costing Rs. 39.92 lakhs were proposed to be implemented in the Andhra region and the remaining 17 schemes costing Rs. 14.10 lakhs in the Telangana region. But, two schemes relating to the strengthening of 'Administration' at the Headquarters with a total provision of Rs. 0.56 lakh were not implemented. On the rest of the schemes, a sum of Rs. 54.22 lakhs— Rs. 39.95 lakhs in Andhra and Rs. 14.27 lakhs in Telangana—was spent during the year 1959-60, thereby exceeding the plan provision of Rs. 54.02 lakhs. The details of Progress made under each scheme are given below :

Andhra

SCHEDULED CASTES.

Scholarships to Harijans :

Under this scheme, it was proposed to grant scholarships to the pupils belonging to Harijans and other eligible communities at all stages of education. During the first three years 2,622 Harijan pupil were benefited under this scheme and an expenditure of Rs. 4.56 lakhs was incurred. on them. During the current year as many as 3,834 scholarships were granted and a sum of Rs. 5.48 lakhs was spent on them as against the programme of awarding 1.600 scholarships at a cost of Rs. 4.90 lakhs.

Subsidised Hostels :

Under this scheme, scheduled caste pupils studying in the High Schools and Colleges are given boarding grants at the rate of Rs. 150 per boarder per academic year. During the current year it was proposed to sanction 670 boarding grants with an expenditure of

Rs. 1.00 lakh. However, an amount of Rs. 2.79 lakhs was actually spent for giving 1,409 boarding grants.

Government Hostels for Scheduled Castes :

The provision under this scheme is earmarked for the maintenance of the Government Hostels for scheduled castes opened during the plan period besides opening new Government Hostels for them. During the first three years, a sum of Rs. 2.85 lakhs was spent while in the current year an expenditure of Rs. 1.97 lakhs was incurred. The number of boarders benefitted under this scheme during the year under review was 1,219.

Construction of School or Hostel Buildings :

As the schools and subsidised hostels under the control of Social Welfare Department were located in rented buildings, it was therefore, proposed to construct *pucca* buildings. During the first three years, 27 buildings were constructed at a cost of Rs. 1.25 lakhs. During the year 1959-60 it was proposed to construct 25 additional buildings at a total cost of Rs. 1.00 lakh. Against this programme 43 buildings were constructed and a sum of Rs. 2.09 lakhs was spent during the year.

Sanitary Amenities :

In order to create healthy surroundings in Harijan cheries which are generally insanitary, it was proposed to provide sanitary amenities like Pathways, Latrines, Bathrooms and Drinking water wells under this scheme. During the period 1956-59 an amount of Rs. 7.45 lakhs was spent for sinking 121 wells besides construction of Bathrooms and Latrines. During the year 1959-60 it was felt that provision of drinking water facilities to Harijan Cheries is more urgent and hence the entire provision under the scheme was utilised for sinking 286 drinking water wells at a cost of Rs. 4.41 lakhs as against the target of 108 wells.

Acquisition of Housesites :

Under this scheme house sites are acquired and given free of cost to Harijans. During the period 1956-59, a sum of Rs. 21.61 lakhs was spent for the acquisition of 4,485 house sites. During the year 1959-60 it was proposed to acquire 8,980 house sites at a cost of Rs. 9.00 lakhs. But the entire amount was utilised for acquiring 8,212 house sites.

Propaganda and Publicity :

The provision under the scheme was utilised for the propagation of evils of untouchability, award of prizes for best dramas and ballads, grant of subsidies to magazines, printing posters and pamphlets and for the celebration of Harijan days and intercaste dinners. This scheme also provides for awarding two gold medals worth Rs. 100 each and six gold medals worth Rs. 50 each during 1959-60 and 1960-61 to the deserving persons in each district who evince keen interest, devote time and turnout really good work for eradicating untouchability. The expenditure during the period 1956-59 amounted to Rs. 1.85 lakhs while during the year 1959-60 a sum of Rs. 0.39 lakh was spent on this scheme against the budget provision of Rs. 0.40 lakh.

Aid to Voluntary Agencies :

The scheme is intended to give grants to the voluntary organisations like Harijan Sevak Sangh, Bharat Sevak Samaj, Guild of Service etc., which are interested in the uplift of Harijans. An amount of Rs. 3.50 lakhs was provided under the scheme for the entire second five year plan period, out of which grants to the tune of Rs. 2.50 lakhs were given during the first three years and Rs. 0.55 lakh during the fourth year.

Housing Scheme for Harijans :

Harijans are so poor that even if they have been provided with house sites, they are not in a position to construct houses of their own. It was therefore, proposed to grant a subsidy of Rs. 250 and a loan of Rs. 500 for the contruction of a house costing Rs. 1,000. The beneficiary has to contribute the balance of Rs. 250 by way of labour, materials, etc. A sum of Rs. 18.67 lakhs was provided for this scheme in the Second Plan for the State and an amount of Rs. 6.95 lakhs was spent for the construction of 1,257 houses during the first three years. In 1959-60, an amount of Rs. 5.24 lakhs was provided on this scheme against which a sum of Rs. 6.16 lakhs was spent for constructing 827 houses.

Administration :

In order to enable the District Welfare Officers to have a close supervision over the institutions run by the Social Welfare Department and for continuance of the additional

staff appointed during the first three years, a sum of Rs. 1.60 lakhs was provided during the year 1959-60. Of this a sum of Rs. 1.18 lakhs was utilised during the year.

Other Backward Classes

Scholarships to Backward class students :

In the Second Five-Year Plan a provision of Rs. 11.00 lakhs was made for granting scholarships to Backward classes students. During the first three years a sum of Rs. 6.26 lakhs was spent for awarding 3,162 scholarships. During the fourth year an amount of Rs. 2.74 lakhs was provided for awarding scholarships to 920 students and the entire provision was utilised for granting 885 scholarships to the pupils of the Backward classes.

Boarding Grants to Backward Class students :

Under this scheme, Backward classes pupils studying in High schools and Colleges are given boarding grants at the rate of Rs. 160 per boarder per academic year. Out of the total second plan provision of Rs. 3.21 lakhs, an amount of Rs. 1.83 lakhs was utilised during the first three years for giving 1,544 boarding grants. During the year 1959-60, it was proposed to sanction boarding grants to 445 students at a cost of Rs. 0.67 lakh. Both the financial and physical targets were fully achieved.

Midday Meals for Backward Class Children :

The scheme provides for the supply of midday meals to Backward Classes children studying in Social Welfare Schools, which will incidentally help the removal of untouchability. During the first three years a sum of Rs. 0.78 lakh was spent on 8,069 pupils. The expenditure on this scheme amounted to Rs. 0.52 lakh during the year, 1959-60 as against Rs. 0.50 lakh originally provided for it and 1,303 pupils were benefited.

Ex-Criminal Tribes

Education :

The provision of Rs. 0.09 lakh was made in the plan for 1959-60 for providing books, slates etc., to the school going children and also to maintain the two parks and radio sets in the colonies in Chittoor district. The entire provision was utilised during the year.

Housing :

This scheme is intended to give assistance to the members of the Ex-criminal tribes families to build their own huts by supplying building materials worth Rs. 100 and to give Rs. 30 per family for repairs to the existing houses. Out of the Second plan provision of Rs. 4.27 lakhs, a sum of Rs. 2.57 lakhs was spent on this scheme during the first three years and 1,770 new huts were constructed and 893 huts repaired. During the year 1959-60, a sum of Rs. 1.10 lakhs was provided for constructing 845 huts and an equal number of huts were expected to be repaired. Against this, 749 new huts were constructed and 789 huts were repaired under the scheme and a sum of Rs. 1.01 lakhs was spent.

Cottage Industries :

This scheme aims at granting vocational aid to the members of Ex-criminal Tribes families to carry on their profession. This aid will be by way of supply of raw materials, implements and instruments worth Rs. 50 to each individual. Out of Second plan provision of Rs. 0.63 lakh, a sum of Rs. 0.28 lakh was spent during the first 3 years. In the plan for 1959-60 an amount of Rs. 0.15 lakh was provided for this scheme against which an amount of Rs. 0.14 lakh was spent and 257 artisans were benefited.

Public Health :

Under this scheme, sanitary amenities like wells, bathrooms and latrines are provided for ex-Criminal tribes. Out of the Second Plan provision of Rs. 1.54 lakhs, an amount of Rs. 0.92 lakh was so far spent on this scheme and during the first four years, 39 wells, 19 bathrooms and 12 latrines were provided besides opening of one Women Welfare Centre at Sugalimetta in Chittoor district and 10 old wells have also been repaired.

Agricultural Aid :

This scheme is intended to supply plough bullocks worth Rs. 300 per pair to the families belonging to Ex-criminal tribes in order to settle them in Agriculture. Out of the total second plan provision of Rs. 0.57 lakh an amount of Rs. 0.50 lakhs was spent on the scheme during the first four years and 92 pairs of bulls were supplied.

Medical Aid :

During the Second Five-Year Plan period, it was proposed to spent Rs. 0.16 lakh on Medical Aid to the patients of Ex-criminal tribe families. The aid will be by way of supply of medicines worth Rs. 40 per patient. So far 89 patients were given medical aid at a cost of Rs. 0.06 lakh.

Miscellaneous including Administration :

The Second Plan Provision of Rs. 0.68 lakh under the scheme was utilised for the maintenance of two pump-sets for irrigating the lands in Sitanagaram settlement in Guntur district, and a sum of Rs. 0.63 lakh was spent on this scheme during the first four years of the Plan period.

Telangana.

Scheduled Castes.

Drinking Water Wells :

(*i*) *Sinking of Wells.*—The Second Plan provision for this scheme was Rs. 5.72 lakhs. During 1956-59, 280 new wells were sunk at a cost of Rs. 2.34 lakhs and in the fourth year a sum of Rs. 1.64 lakhs was spent for sinking 248 new wells against the programme of sinking 219 wells at a cost of Rs. 1.75 lakhs.

(*ii*) *Repairs to old wells.*—Out of the total provision of Rs. 1.35 lakhs for the second plan period, an amount of Rs. 0.53 lakh was spent during the first three years and 259 old wells were repaired. During the year 1959-60, a sum of Rs. 0.50 lakh was provided for repairing 250 wells. Against this programme, a sum of Rs. 0.30 lakh was spent on this scheme and 145 wells were repaired during the year.

Housing :

(*i*) *Acquisition of Land for House-sites.*—Under this scheme lands will be acquired and house-sites given to the families belonging to Scheduled Castes free of cost. During the first four years an amount of Rs. 1.77 lakhs was spent for this purpose and 269 acres have been acquired.

(*ii*) *Aid for Housing.*—Under this scheme, aid at Rs. 320 per house will be given to Harijans for the

construction of houses. For this purpose a sum of Rs. 5.96 lakhs was provided in the Second Five-Year Plan and during the first 3 years an amount of Rs. 3.10 lakhs was spent for giving aid to construct 1,434 houses. During the year 1959-60, a sum of Rs. 1.258 lakhs was provided for giving aid to construct 390 houses. Against this programme, aid was given for constructing 1,262 houses and a sum of Rs. 3.05 lakhs was spent during the year.

Education :

(*i*) *Aid to Private Hostels.*—Under this scheme boarding grants at the rate of Rs. 150 per boarder per academic year are given to students. During the first three years of the Second plan, 550 boarding grants were given at a cost of Rs. 1.89 lakhs and during 1959-60, 1,173 boarders were benefited and a sum of Rs. 1.69 lakhs spent on them.

(*ii*) *Other Educational Facilities.*—This scheme envisages the free supply of clothes, books, slates and other educational appliances worth Rs. 10 each to the deserving harijan students. As against the Second Five-Year Plan provision of Rs. 1.38 lakhs, a sum of Rs. 0.71 lakh was utilised during the first three years and 6,437 students were benefited. During 1959-60, an amount of Rs. 0.33 lakh was provided for this scheme and 2,750 students were expected to be benefitted. Against this a sum of Rs. 0.42 lakh being the revised provision was spent on this scheme and 958 students were benefited.

Medical Aid :

Under this scheme, medicines worth Rs. 100 will be supplied to the Harijans, suffering from dangerous diseases like T. B., Cancer, etc. on the production of certificates from a qualified Doctor. During 1956-59 an amount of Rs. 0.38 lakh was spent for giving aid to 776 patients. During the year 1959-60, a sum of Rs. 0.25 lakh was provided in the Budget Estimates for providing medical aid to 280 patients. Against this programme, a sum of Rs. 0.19 lakh was spent on the scheme for giving aid to 373 patients.

Cottage Industries :

Under this scheme, it was proposed to supply tools, raw materials and working capital to the scheduled castes

artisans either individually or through co-operative societies for their trade and craft. Out of the second plan provision of Rs. 1.40 lakhs, a sum of Rs. 0.92 lakh was so far utilised and 74 artisan co-operative societies were benefited.

Publicity :

An amount of Rs. 0.45 lakh was provided in the Second Five-Year Plan for propagation of evils of untouchability through films, slides, pamphlets, inter-caste dinners, etc. During the first four years of the plan period a sum of Rs. 0.37 lakh was spent on the scheme.

Grant-in-aid to voluntary agencies :

Under this scheme, grants are given to voluntary organisations which are doing valuable work in wiping out the evils of untouchability and for this purpose an amount of Rs. 0.80 lakh was earmarked in the Second Five-Year Plan. During the first four years of the Second Five-Year Plan grants to the tune of Rs. 0.59 lakh were given.

Legal Aid :

Under this scheme, aid is granted to harijans involved in original cases. During the years 1956-59 to 1959-60, a sum of Rs. 0.16 lakh was spent on the scheme.

Construction of Community Halls :

In order to enrich social and cultural life of harijans community halls are proposed to be constructed. Out of the Second Plan provision of Rs. 0.50 lakh, an amount of Rs. 0.29 lakh was utilised during the first three years for constructing 16 community halls. During the year 1959-60, a sum of Rs. 0.10 lakh was provided for constructing 10 more community halls. Against, this programme, an amount of Rs. 0.15 lakh was spent and 15 community halls were constructed.

Ex-Criminal Tribes.

Education :

Award of scholarships.—Under this scheme, provision was made for awarding scholarships to students at the rate of Rs. 50 and Rs. 70 per student. During the first three years, a sum of Rs. 0.31 lakh was spent for awarding scholarships to 871 students and in the year 1959-60

an amount of Rs. 0.305 lakh was provided for awarding 508 scholarships. Against this programme 153 students were actually benefited and a sum of Rs. 0.31 lakh was spent.

Aid to Schools and Hostels :

This scheme envisages for construction of school buildings and for giving aid to private hostels. During the first four years of the Second Plan an amount of Rs. 0.49 lakh was spent for construction of 5 school buildings and for giving 284 boarding grants.

Agriculture :

(*i*) *Supply of Plough Bullocks.*—This scheme envisages supply of plough bullocks to the ex-criminal tribe families to settle them in cultivation. During the first three years of the Second Plan period an amount of Rs. 1.00 lakh was spent for supplying 312 pairs of bullocks worth about Rs. 300 per pair. During the year 1959-60 a sum of Rs. 0.50 lakh was originally provided for this scheme to supply 167 pairs of bullocks. However, 222 pairs of bullocks were supplied during the year and a sum of Rs. 0.67 lakh was spent.

(*ii*) *Supply of seeds and implements.*—Under this scheme seeds and implements worth Rs. 50 per family are supplied to ex-criminal tribes. During the year 1959-60, a sum of Rs. 0.12 lakh was provided for this scheme to benefit 240 families. Against this programme, 200 families were supplied with seeds and implements. An expenditure of Rs. 0.10 lakh was incurred during the year on the scheme.

Cottage Industries :

This scheme aims at granting aid in the shape of tools and raw materials for trade and craft and as share capital and recurring capital in respect of Industrial Co-operative Societies of Vimukthajathis. Aid of Rs. 50 per individual and Rs. 1,000 per society will be given under the scheme. During the first three years of the plan, 14 societies were formed. During the year 1959-60 it was proposed to form 13 artisan Co-operative Societies under this scheme and a sum of Rs. 0.13 lakh was provided. Against this programme, eight Artisan Co-operative Societies were formed at a cost of Rs. 0.08 lakh.

Public Health :

Sinking of Wells.—The scheme provides for construction of new wells and repairs to old wells. The total second plan provision for this scheme was Rs. 0.49 lakh out of which a sum of Rs. 0.24 lakh was utilised during the first three years for sinking 8 new wells and repairs to 25 old wells. In the plan for 1959-60 a sum of Rs. 0.13 lakh was provided for sinking 13 new wells and repairs to 13 old wells. However, 9 wells were sunk and 3 old wells were repaired during the year and the entire provision was spent.

Construction of Colonies (Rehabilitation) :

Under this scheme it was proposed to construct houses with all amenities for rehabilitating Ex-criminal Tribes. During the first three years of the plan period 71 houses were constructed and a sum of Rs. 0.26 lakh was spent. In the plan for 1959-60, it was proposed to construct 50 houses at an estimated cost of Rs. 0.16 lakh and both the financial and physical targets were achieved in full.

BACKWARD CLASSES.

Education :

(*i*) *Award of Scholarships.*—This scheme provides for awarding scholarships to Backward Class students at Rs. 50 and 70 per academic year. During the first three years of the second plan period, an amount of Rs. 1.39 lakhs was spent for granting scholarships to 3,665 students. During the year 1959-60, a sum of Rs. 1.95 lakhs was provided for offering scholarships to 3,250 students. Against this programme 3,250 backward classes students were benefited and sum of Rs. 1.97 lakhs was spent.

(*ii*) *Aid to Private Hostels.*—Under this scheme boarding grants are given at Rs. 150 per boarder in the subsidised hostels. In the plan for 1959-60, a sum of Rs. 1.05 lakhs was provided for giving 802 boarding grants. The actual expenditure on this scheme amounted to Rs. 1.44 lakhs and Boarding grants were given to 1,076 students.

(*iii*) *Opening of New Hostels.*—A sum of Rs. 0.74 lakh was spent on this scheme during the first three years of the second plan and 18 hostels were opened. During

the year 1959-60, seven more hostels were opened at a cost of Rs. 0.44 lakh.

Cottage Industries :

(*i*) *Vocational Aid :*—A sum of Rs. 0.33 lakh was provided for expenditure on this scheme during the entire second plan period. It was proposed to give aid to the artisans by way of supply of raw materials and tools worth Rs. 50 per artisan to carry on their profession. During the first four years of the plan an amount of Rs. 0.28 lakh was utilised and 479 artisans were benefited.

(*ii*) *Artisan Co-operative Societies.*—Out of the total Second plan ceiling of Rs. 0.77 lakh an amount of Rs. 0.48 lakh was spent so far on this scheme and 40 societies have been formed. Aid at the rate of Rs. 1,000 per society was given under this scheme.

Statement XXIV shows the financial and physical targets and achivements.

[*Statement.*

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.*

Serial No	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (Rs. in lakhs)					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA.						
1.	Scholarships to Harijans ..	14.36	0.40	0.40	3.76	4.90	5.48
2.	Subsidised Hostels ..	6.16	0.76	1.00	1.40	1.00	2.79
3.	Government Hostels ..	10.92	0.13	0.91	1.81	6.93	1.97
4.	Construction and repairs to School Buildings ..	6.99	0.10	0.48	0.67	1.00	2.09
5.	Sanitary Amenities ..	17.50	2.53	1.12	3.80	4.34	4.41
6.	Acquisition of House-sites ..	38.18	6.11	3.93	11.60	9.00	9.00
7.	Propaganda and Publicity ..	2.63	0.78	0.79	0.28	0.40	0.39
8.	Aid to Voluntary Agencies .	3.50	1.00	0.90	0.60	0.60	0.55
9.	Housing Schemes for Harijans	18.67	0.53	2.28	4.19	5.24	6.16
10.	Administration	4.29	..	..	1.00	1.60	1.18
11.	Scholarships to Backward Students	11.00	1.00	1.25	4.01	2.74	2.74
12.	Boarding grants to Backward Class Students ..	3.21	0.80	0.86	0.17	0.67	0.67
13.	Mid-day meals for Backward Class children ..	1.90	..	0.16	0.62	0.50	0.52
14.	Education	0.36	0.04	0.05	0.08	0.09	0.09
15.	Housing	4.27	0.80	0.77	1.00	1.10	1.01
16.	Public Health	1.54	0.14	0.18	0.29	0.43	0.86

XXIV.

SUB-HEAD OF DEVELOPMENT: *Welfare of Backward Classes, etc.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Award of Scholarships	.. No.	8,400	240	240	2,142	1,600	3,834
Boarding Grants	.. ,,	4,000	467	670	1,612	670	1,409
Students to be benefited	.. ,,	1,800	60	250	875	5,173	1,219
Buildings ..	.. ,,	62	2	14	11	25	43
(*a*) Wells ..	.. ,,	570	10	10			
(*b*) Bath Rooms	.. ,,	770	20	10	88	108	286
(*c*) Latrines..	.. ,,	1,540	20	10			
House-sites ..	.. ,,	15,572	1,650	1,100	1,785	8,980	8,212
		Not susceptible.					
Aid ..	.. Rs. in lakhs.	5.0	1.00	0.90	0.60	0.60	0.55
Construction of Houses	.. No.	7,350	210	861	686	700	827
		Staff Scheme taken up.					
Scholarships ..	.. No.	17,680	537	875	1,750	920	885
Boarding Grants	.. ,,	1,380	588	578	488	445	447
Children to be benefited	.. ,,	5,585	N. A.	254	7,815	1,250	1,803
(*a*) Supply of Radio Sets	..	10	2	Maintenance.		Maintained.	
(*b*) Children Parks	.. ,,	10	2				
(*c*) Children to be benefited	..	..	..	..	750	750	850
(*a*) Construction of new houses ..	.. ,,	3,100	600	846	N.F.	845	749
(*b*) Repairs to old houses	.. ,,	3,000	600	846	666	845	789
(*a*) Construction of new wells ..	.. ,,	..	5	11	12	21	11
(*b*) Repairs to old wells	.. ,,	25	5	5	..		
(*c*) Latrines ..	.. ,,	25	5	..	..		7
(*d*) Bath Rooms	.. ,,	25	5	..	14	2	..
(*e*) Women Welfare Centres	,,	5	1	..	..	4	1

STATEMENT

HEAD OF DEVELOPMENT —*Social Services.* (Rs. in lakhs)

Serial No	Name of the Scheme	Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
		FINANCIAL AND TARGETS AND ACHIEVEMENTS					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17.	Agricultural Aid ..	0.57	0.15	0.07	0.10	0.08	0.18
18.	Cottage Industries ..	0.63	0.10	0.07	0.11	0 15	0 14
19.	Medical Aid	0.16	0.02	0.01	0.01	0.020	0.02
20.	Miscellaneous	0.66	0.16	0.14	0.13	0.11	0.20
21.	Administration	0.02	..	..	..	0.02	.
		147.52	15.55	15.26	35.63	40.92	39.95

C.—Families benefited.

XXIV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Backward Classes, etc,.*

		PHYSICAL TARGETS AND ACHIEVEMENTS					
			Achievements in				
Item	Unit	Second Plan Target	1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Repairs to old wells ..	No.	11	..	11	..	..	..
(*b*) Installation of pump sets	,,	2	..	1	..	.	..
(*c*) Supply of plough bullocks ..	No. of pairs.	..		..	32	25	60
(*a*) Rope Making Machine	No.	70	..	..	..	..	..
(*b*) Beehives	,,	250	9	..	..	..	..
(*c*) Artisans to be benefited	..	500	N. A.	300	220	286	257
Ex-Criminals to be benefited ..	..	200	..	..	50	50	39
Installation of Electric Motor Pumpsets ..	..	2	..	.. Staff Scheme.	2	Maintaenance of Pump Set.	

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.*

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS (Rs. in lakhs) Second Plan Provisions as revised last	1956-57 Expenditure.	1957-58 Expenditure.	1958-59 Expenditure.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TELANGANA.						
1.	Drinking Water Wells.						
	(*a*) Sinking of new wells ..	5.72	0.11	0.97	1.26	1.750	1.64
	(*b*) Repairs to old wells ..	1.35	0.05	0.20	0.28	0.500	0.30
2.	Housing.						
	(*a*) Acquisition of land ..	4.82	..	0.14	1.24	1.600	0.39
	(*b*) Aid for Housing ..	5.96	0.25	0.79	2.06	1.258	3.05
3.	(*a*) Aid to Private Hostels ..	5.17	0.12	0.16	1.61	1.604	1.69
	(*b*) Other educational facilities	1.38	0.08	0.30	0.33	0.330	0.42
4.	Medical Aid	0.93	0.03	0.12	0.21	0.250	0.19
5.	Cottage Industries ..	1.40	0.05	0.21	0.34	0.330	0.32
6.	Publicity	0.45	0.04	0.04	0.09	0.170	0.20
7.	Grant-in-aid to Voluntary Agencies	0.80	0.22	0.20	0.15	0.127	0.02
8.	Legal aid and grant-in-aid ..	0.19	..	0.060	0.04	0.160	0.06
9.	Construction of Community Halls	0.50	0.19	..	0.10	0.100	0.15
10.	Administration	0.95	0.01	0.04	0.08	0.360	..
11.	(*a*) Award of Scholarships ..	0.77	0.09	0.09	0.13	0.805	0.31
	(*b*) Aid to Schools and Hostels ..	0.90	0.01	0.05	0.18	0.826	0.25
12.	(*a*) Supply of plough bullocks	2.02	0.05	0.41	0.54	0.500	0.67
	(*b*) Supply of seeds and implements	0.51	0.01	0.14	0.13	0.120	0.10
13.	Cottage Industries ..	0.49	0.05	0.05	0.10	0.130	0.08
14.	Public Health	0.49	0.02	0.07	0.15	0.130	0.13

XXIV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Backward Classes, etc.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
New Wells	No.	766	14	149	17	219	248
Repairs to old wells ..	,,	904	25	92	142	250	145
Land to be acquired ..	acres	192	..	88	164	185	17
Houses	No.	1,600	170	342	922	390	1,262
Boarding Grants ..	,,	1,135	125	169	256	1,093	1,173
Students that will be benefited	,,	11,433	586	1,687	4,214	2,750	958
Patients to be benefited ..	,,	1,053	82	319	375	280	373
Artisan Co-operative Societies	,,	36	1	14	26	30	33
		Not susceptible.					
Agencies to be benefited ..	,,	42	8	3	2	2	..
Persons to be benefited ..	,,	848	..	110	78	320	162
Community Halls ..	,,	20	5	..	11	10	15
		Staff Scheme.					
Scholarships	,,	..	167	332	372	508	153
(*i*) Schools	,,	14	2	..	3	4	..
(*ii*) Hostels	,,	10	1	1	2	..	..
Supply of plough bullocks .	No. of pairs.	508	17	135	160	167	222
Families to be benefited ..	No.	1,037	17	289	360	240	200
Artisan Co-operative Societies to be formed ..	,,	37	1	4	9	13	8
(*a*) Sinking of new wells ..	,,	83	2	6	13	13	9
(*b*) Repairs to old wells ..	,,	208	2	8	13	13	8

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.*

Serial No.	Name of the Scheme	Financial Targets and Achievements (Rs. in lakhs.) Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
15.	Construction of Colonies ..	0.60	0.05	..	0.21	0.160	0.16
16.	Education.						
	(*a*) Award of Scholarships	5.28	0.24	0.29	0.86	1.950	1.97
	(*b*) Aid to Private Hostels	3.05	0.04	0.02	0.89	1.054	1.44
	(*c*) Opening of new Hostels	2.38	..	0.24	0.50	0.820	0.44
17.	(*a*) Vocational Aid ..	0.33	0.03	0.04	0.09	0.080	0.12
	(*b*) Artisan Co-operative Societies ..	0.77	0.10	0.04	0.17	0.200	0.17
	Total for Telangana ..	47.45*	1.91*	4.86*	11.74	14.85	14.27
Grand Total for Andhra Pradesh .		194.97*	17.46*	20.12*	47.37	55.27	54.22

*Besides schemes listed, this includes figures for all the schemes completed earlier to1959-60 and

XXIV

SUB-HEAD OF DEVELOPMENT.—*Welfare of Backward Classes, etc.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Houses to be constructed	No.	175	16	..	65	50	50
Scholarships	,,	4,075	390	771	2,504	3,250	3,250
(*i*) Hostels to be aided	,,	78	4	6	..	..	..
(*ii*) Boarding Grants	,,	..	..	..	547	802	1,076
New Hostels	,,	63	..	10	8	18	..
Artisans to be benefited	,,	604	13	52	182	169	232
Societies	,,	56	2	6	16	20	16

or schemes which are proposed to be taken up during 1960-61.

CHAPTER XXVIII.

Welfare of Scheduled Tribes.

During the year 1959-60, 114 schemes involving an outlay of Rs. 53.82 lakhs were proposed originally for execution during the year for the welfare of scheduled tribes. Of this, 92 schemes with a plan provision of Rs. 48.16 lakhs related to Andhra Region and the remaining 22 schemes with a provision of Rs. 5.66 lakhs to Telangana Region. However, during the course of the year 16 schemes originally included in the annual plan were not implemented while 17 other schemes outside the annual plan were taken up for implementation. Thus by the end of 1959-60, 115 schemes were in execution. On all these schemes, a sum of Rs. 59.76 lakhs was spent till the end of March, 1960. Of this a sum of Rs. 54.09 lakhs was spent in the Andhra Region and the the remaining amount of Rs. 5.67 lakhs in the Telangana Region.

An account of the progress made in respect of each of the scheme is given below :—

Appointment of Special District Educational Officer for Agency areas with necessary staff :

During the year 1957-58 one District Educational Officer with necessary staff was appointed with Headquarters at Kakinada for effective supervision of the educational institutions in the agency area of the Andhra Region. Towards the continuance of this, a sum of Rs. 0.30 lakh was originally provided in the plan for 1959-60. This provision was subsequently revised to Rs. 0.27 lakh and this amount was spent by the end of March, 1960.

Increasing the strength of the boarders in the subsidised hostels :

In view of the increasing demand for admission of tribal students into the Government subsidised hostels, the strength of the boarders in the hostels at Chintapalli and Kunavaram was increased by 7 and 15 respectively and for continuing this additional strength, a sum of

Rs. 0.033 lakh was originally provided in the Budget. This provision was subsequently reduced to Rs. 0.02 lakh and this entire provision was spent by the end of March, 1960 and as programmed the 22 additional grants were granted.

Opening of new Government Hostels at Paderu and Pullangi :

During 1956-57 two new Government Hostels, one at Pullangi in East Godavari district and the other at Paderu in Visakhapatnam district were opened with a total strength of 50 boarders with a view to attracting and creating incentive to tribal children for attending educational institutions. But as Pullangi was located in a remote corner of Badhrachalam agency, the response from the tribal students was inadequate and the hostel was shifted to Maredumilli during the year 1958-59. Towards the continuance of these two hostels at Maredumilli and Paderu, a sum of Rs. 0.087 lakh was originally provided in the Budget for 1960-61. This provision was subsequently revised to Rs. 0.054 lakh and against this a sum of Rs. 0.063 lakh was spent till the close of the year.

Conversion of subsidised hostels into Government Boarding Homes :

As some of the hostels for tribal students under the management of private individuals were not run on sound lines, 7 subsidised hostels at Krishnadevipeta, Chinthapalli, V. Madugole, Araku Valley, Indukupeta Cherla and Kunavaram were taken over by the Government during 1957-58 and run as Government Boarding Homes. Towards the continuance of these institutions a sum of Rs. 0.10 lakh was provided in the Budget for 1959-60. The provision was subsequently revised to Rs. 0.08 lakh and this entire provision was utilised during the period under review.

Supply of Books, Slates and Clothes to Tribal Children studying in Schools :

As tribal people are highly ignorant and miserably poor, they will be generally reluctant to send their children to schools. With a view to creating an incentive for them to educate their children, it was proposed to supply books, clothes and slates to tribal children studying in Elementary and Higher Elementary Schools.

Towards the continuance of this programme during 1959-60 a sum of Rs. 1.46 lakhs was originally provided in the Plan for 1959-60. This provision was subsequently revised to Rs. 1.71 lakhs and the entire provision was utilised by the end of March, 1960 and 35,288 tribal children were benefited by this programme against the target of 28,400.

Continuance of Elementary Schools and Opening of New Elementary Schools in Agency Areas :

With a view to increasing the educational facilities for the tribal children in the agency areas, it was proposed to open 30 new elementary schools during the Second Plan Period. During the period ended March, 1959, 30 schools were opened and for the continuance of these 30 schools and to open 15 more new schools during the year 1959-60 a sum of Rs. 1.50 lakhs was provided in the Budget for the current year. Against this, a sum of Rs. 0.64 lakh was spent till the end of March, 1960 and as programmed the 30 schools were continued and the 15 new schools were opened.

Construction of Pucca Buildings to Schools and Hostels in the Agency Areas :

It was proposed to construct 68 Pucca Buildings for the schools in the agency areas, during the Second Plan period. During the year 1957-58. 4 buildings were constructed and 17 buildings were taken up during 1958-59. For the completion of the construction of these 17 buildings and for the construction of 17 more buildings during 1959-60, an allotment of Rs. 1.98 lakhs was made in the plan for the year. This provision was subsequently reduced to Rs. 1.78 lakhs and against this a sum of Rs. 1.20 lakhs was spent till the end of March, 1960 and 8 out of 17 buildings taken up during 1958-59 were completed during the period under review.

Sanction of P.A. and U.D.C. to the Special D.E.O. at Kakinada :

Originally no provision was made for this scheme in the Budget for 1959-60. But subsequently a sum of Rs. 0.03 lakh was allotted for this scheme towards the appointment of a Personal Assistant and an Upper Division Clerk to the Special District Educational Officer at Kakinada. Against this, a sum of Rs. 0.02 lakh

was spent till the end of March, 1960 and the above staff were appointed.

Opening of Boarding Home at Kondamodalu in East Godavari District :

This is one of the new schemes included in the programme for 1959-60 by reappropriation for opening of a free boarding home with a strength of 40. During the year, the hostel was opened and a sum of Rs. 0.04 lakh against the provision of Rs. 0.10 lakh was spent till the end of March, 1960.

Conversion of subsidised hostels into Government Boarding Home and increase in the rate of Boarding Grants from 41 nP. to 50 nP.

Originaly no provision was made for this scheme in the Budget for 1959-60. But subsequently a sum of Rs. 0.08 lakh was provided in the final provision for the year for the conversion of subsidised hostels into Government Boarding Homes and for increasing the rate of boarding grants from 41 nP. to 50 nP. and till the end of March, 1960 a sum of Rs. 0.09 lakh was spent on this Scheme.

Continuance of Government Middle School at Gummalaxmipuram and Upgrading the model school to Middle School :

This is one of the new schemes included in the Revised Programme of Plan schemes for 1959-60. The scheme aims at the continuance of the Government Middle School at Gummalaxmipuram and upgrading the model school to middle school at a cost of Rs.0.09 lakh. The entire provision was spent during the year and as programmed the Government Middle School at Gummalaxmipuram was continued model school was upgraded to middle school.

Upgrading of Government Middle Schools at Gummalaxmipuram and Dummagudem into High Schools :

Towards the upgrading of Government Middle Schools at Gummalaxmipuram and Dummagudem into High Schools, a sum of Rs. 0.04 lakh was provided in the revised provisions for 1959-60. The entire provision was spent and the targets were fulfilled by the end of March, 1960.

Sanction of Additional Deputy Inspectors' Office in agency areas at 5 places :

As the work of the Special District Educational Officer was increasing day by day, it was proposed under this scheme to create 5 posts of Deputy Inspectors of Schools for better supervision. Towards this a sum of Rs. 0.14 lakh was provided in the revised provisions for the year. The targets were fully achieved and there was an expenditure of Rs. 0.17 lakh till the end of March, 1960.

Increase in the number of boarders and construction of pucca buildings for the Government Boarding Home at Downuru in Visakhapatnam district.

This is one of the new schemes included during the course of the year 1959-60 for increasing the number of boarders and construction of buildings for the Government Boarding Home Downuru. A sum of Rs. 0.056 lakh was provided for the scheme in the Revised Estimates for the year and against this, only a sum of Rs. 0.005 lakh could be spent till the end of the year.

Opening of free Boarding Home at Mondekhallu in Srikakulam district for 40 students belonging to Scheduled Tribes :

With a view to opening a boarding home at Mandhekallu in Srikakulam district a sum of Rs. 0.034 lakh was provided for the scheme in the revised estimate for the year 1959-60. The Boarding Home was opened and a sum of Rs. 0.026 lakh was a spent till the end of March, 1960.

Increase in the strength of Boarders belonging to Scheduled Tribes in the Government Free Boarding House at Cherla from 17 to 40 :

Originally no provision was made for this scheme in the Plan for 1959-60. But subsequently, a sum of Rs. 0.008 lakh was provided for this scheme for meeting the demand for increasing the number of boarders in the Government free boarding home at Cherla. As programmed the strength of the boarders was increased and a sum of Rs. 0.005 lakh was spent till the end of March, 1960.

Upgrading of Government Middle School at Paderu into High School :

With a view to meeting the need for providing more facilities for Higher Education, a sum of Rs. 0.02 lakh was provided for this scheme by reappropriation of funds during 1959-60. The entire provision was spent and the targets set forth were fully achieved by the close of the year, 1959-60.

Increase in the strength in the Mid-day Meal Centres from 20 to 40 at Pidathamamidi :

This is one of the new schemes implemented during the year 1959-60, for inducing the tribals to send their children to schools. Against the allotment of Rs. 0.01 lakh made for the scheme in the revised estimates for 1959-60, a sum of Rs. 0.004 lakh was spent till the close of the year.

Opening of Government Free Boarding Home at Dummegudem :

Originally no provision was made for this scheme in the Budget for 1959-60. But subsequently a sum of Rs. 0.02 lakh was provided in the Revised Estimates for opening a free boarding home at Dummagudem. Against this provision, a sum of Rs. 0.01 lakh was spent till the end of March 1960 and the boarding home was opened and 40 students were admitted during the year.

Appointment of Special District Agricultural Officer for Agency with necessary staff:

As the District Agricultural Officers of the respective districts controlling and supervising the work of the Agricultural Demonstrators in the agency tracts were already overburdened with the work in the plains and as they had no time to tour adequately and supervise the spread of the departmental activities, a Special District Agricultural Officer with necessary staff with headquarters at Kakinada was appointed during 1957-58. Towards the continuance of this office during 1959-60, a sum of Rs. 0.35 lakh was provided for the scheme in the budget against which there was an expenditure of Rs. 0.37 lakh till the end of March 1960.

Opening of 3 Pilot Farms at Seethampet, Tajengigedda and Butayagudem :

In order to train the tribals in the improved methods of agriculture and bring home the advantages of adopting

such improved methods, three pilot Demonstration Farms were opened at Buttayagudem in West Godavari District, Tajengigedda in Visakhapatnam district and Seethampeta in Srikakulam district during 1957-58. Towards the continuance of this, a sum of Rs. 0.32 lakh was provided for this scheme in the Budget Estimate for 1959-60. This provision was subsequently revised to Rs. 0.53 lakh and this entire provision was spent during the period ended March, 1960.

Improvement of Agricultural Facilities at Seethampeta and Gummalaxmipuram :

Under this scheme it was proposed to sell improved seeds and manures to tribal agriculturists at half the cost subject to a maximum of Rs. 750 to each family so as to popularise the use of seeds and manures among the tribals. Towards this a sum of Rs. 0.20 lakh was provided for expenditure during 1959-60. This provision was subsequently enhanced to Rs. 0.26 lakh and against this a sum of Rs. 0.24 lakh was spent till the end of March 1960.

Scheme for the maintenance and development of demonstration-cum-exploratory farm at Rampachodavaram.

With a view to developing fruit cultivation in agency areas, Demonstration-*cum*-exploratory farm was started during the year 1955 at Rampachodavaram. The activities of this farm include introduction of fruit plants, cultivation of vegetables both indigenous and exotic, and other horticultural crops. These were continued during 1959-60 also and an expenditure of Rs. 0.43 lakh was incurred which exceeded the provision of Rs. 0.40 lakh during the year.

Opening of demonstration units at Chinthapalli in Visakhapatnam district and opening of demonstration units in agency areas :

In order to educate the tribal people in improved methods of cultivation as well as fundamentals of agriculture such as crop-rotation, etc., it was proposed to start eight demonstration units in the four agency districts of Andhra. During 1958-59 one unit was started at Chinthapalli in Visakhapatnam district A sum of Rs. 1.55 lakhs was allotted in the Budget for 1959-60 for the continuance of the above unit and for opening 6 more units. As programmed the unit at Chinthapalli was

continued and seven more new units were opened. The expenditure towards all this amounted to Rs. 0.84 lakhs till the end of March, 1960.

Appointment of Agency Agricultural Officer with necessary staff :

Originally no provision was made for this scheme in the plan for 1959-60. To cope up with the work of the Agricultural Officer at Kakinada, a post of additional Agricultural Officer with Headquarters at Visakhapatnam was created and a sum of Rs. 0.21 lakh was allotted in the Revised Provisions for the year. Against this a sum of Rs. 0.20 lakh was spent till the end of March 1960.

Appointment of an additional U.D.C. in the Office of the Director of Agriculture to attend Agency work :

This is one of the new schemes taken up for implementation during the current year. A sum of Rs. 0.08 lakh was provided for this scheme in the revised estimates for the year towards the salaries and allowances of one additional U.D.C. proposed to be appointed in the Directorate of Agriculture to attend to the agency work. As programmed the additional U.D.C. was appointed and a sum of Rs. 0.005 lakh was spent till the end of March 1960.

Scheme for the distribution of Sweet Potato and tropical seed material :

This is one of the new schemes implemented during the year 1959-60. This scheme is intended to encourage the tribals to grow Vegetables by distributing sweet potatoes and tropical seeds free of cost. A sum of Rs. 0.02 lakh was provided in the revised provision for the year and the entire provision was spent by the end of March, 1960.

Scheme for starting of six training camps :

With a view to improving the economic conditions of the tribals, it was proposed under this scheme to train the tribals in bee-keeping. Towards this a sum of Rs. 0.008 lakh was provided in the revised provision for the year for opening six training camps. As programmed the six training camps were opened and a sum of Rs. 0.007 lakh was spent during the year.

School and Hostel at Dornal for Chenchus :

For providing educational facilities to chenchu children, a school and a hostel with a strength of 46 children were opened at Dornal in Kurnool district during 1956-57. One Higher Grade Teacher and one cook were appointed in 1957-58 to run the institutions. Towards the continuance of these institutions during 1959-60, an allotment of Rs. 0.11 lakh was made in the plan for 1959-60. Against this a sum of Rs. 0.13 lakh was spent till the end of March 1960.

Mobile Medical Unit at Dornal in Kurnool District :

There is one hospital at Pacharevu catering to the needs of all Chenchugudems scattered over Nallamalai Hills. As it has become impossible for this hospital to pay adequate attention to the patients in view of the vast jurisdiction, a mobile medical unit was opened during the year 1957-58. For continuing this unit during 1959-60, a sum of Re. 0.16 lakh was allotted in the annual plan. As programmed the mobile medical unit was continued and a sum of Rs. 0.13 lakh was spent during the period under review.

Administration :

In order to execute the various schemes envisaged under the Second Five-Year Plan for the welfare of chenchus, special staff consisting of one Ranger, one U.D.C.-*cum*-Typist and three peons were appointed during 1957-58. Towards the continuance of the staff a sum of Rs. 0.11 lakh was provided in the plan for 1959-60. As programmed the staff was continued and a sum of Rs. 0.12 lakh was spent till the end of March, 1960.

Opening of Touring Billet in Srikakulam District :

To render effective veterinary aid and to give adequate protective treatment to livestock in the agency areas, a Touring Billet and 2 Veterinary Dispensaries were opened during 1957-58 with necessary staff, medicines, furnitures, etc. In the Plan for 1959-60 a sum of Rs. 0.125 lakh was provided for continuing the scheme. As programmed the touring billet and the two veterinary dispensaries were continued and a sum of Rs. 0.20 lakh was spent till the close of the year.

Livestock Farm at Chinthapalli in Srikakulam District :

Under this scheme it was proposed to effect further improvements to the livestock farm at Chinthapalli

besides continuing the additional staff appointed during the previous years. Towards this, a sum of Rs. 2.00 lakhs was provided in the plan for 1959-60. The improvements were effected as programmed and the staff was continued. The expenditure incurred on this scheme till the end of March, 1960 amounted to Rs. 1.87 lakhs.

Distribution of Livestock :

To keep-up continuity in the improvement of Livestock in the Agency areas of Andhra area, it was proposed to distribute during the year 5 breeding bulls, 5 cows, 25 sheep and 240 birds and for this purpose, a sum of Rs. 0.195 lakh was provided in the plan for 1959-60. Against this programme 5 breeding bulls, 13 female stock, 46 sheep and 326 hens and cocks were supplied at a cost of Rs. 0.17 lakh during the year 1959-60.

Opening of Poultry Units in Srikakulam District :

With a view to encouraging the poultry development in the agency area, a poultry unit was opened during 1958-59 in Srikakulam district. For continuing this unit besides opening one more unit, a sum of Rs. 0.02 lakh was provided in the plan for 1959-60. As programmed the existing unit was continued but the new unit could not be opened. A sum of Rs. 0.02 lakh was spent on this scheme till the end of March, 1960.

Opening of Veterinary First-Aid Centres :

In order to provide more medical facilities to the livestock of the tribals, one veterinary First Aid Centre was opened during the year 1958-59. A sum of Rs. 0.04 lakh was allotted in the Budget for 1959-60 for continuing this centre and for maintaining two veterinary dispensaries. As programmed the First Aid Centre opened in 1958-59 was continued and one more new centre was opened during the year under review. Towards this an expenditure of Rs. 0.06 lakh was incurred on this scheme during the year.

Scheme for Bamboo and Rattan Basket Making Centre in Visakhapatnam district :

With a view to training the tribal people so that they may be able to utilise the resources available in the agency areas for improvement of their economic conditions, a bamboo and rattan basket making training

centre was opened in Visakhapatnam during 1957-58. For continuance of this training centre, a sum of Rs.0.06 lakh was made in the plan for 1959-60. During the year under review a sum of Rs. 0.06 lakh was spent for the continuance of this centre and 15 Tribesmen were trained in the production of improved bamboo and rattan articles. Another batch of 15 tribals were undergoing training at the centre by the end of the year.

Mat weaving with Korra and Thunga in East Godavari District :

With a view to improving the economic conditions of tribals, a Mat-weaving Training Centre was started at Cherla in East Godavari district during 1957-58, where korra and thunga are available in abundance. During the period 1957-59, 26 candidates were trained and it was proposed to impart training to 15 candidates during 1959-60 and towards this a sum of Rs. 0.056 lakh was allotted in the Budget for the year. Against this a sum of Rs. 0.05 lakh was spent and as programmed the 5 candidates were trained and 15 more candidates were undergoing training by the end of March, 1960.

Tanning Demonstration Unit at Levidi in Srikakulam District

With a view to giving training to tribesmen in the improved methods of tanning and manufacture of foot-wear, a tanning demonstration unit was opened at Levedi in Srikakulam district and 26 tribal people were imparted training during the period 1957-59. It was proposed to impart training to 15 more tribesmen during 1959-60 and for this, a sum of Rs. 0.054 lakh was provided in the plan for 1959-60. Against this a sum of Rs. 0.064 lakh was spent and 34 candidates were trained during the year under review.

Extraction of Plamyrah fibre in Gudem Agency in East Godavari district :

This scheme is intended to train tribals in extraction of palmyrah fibre and thereby provide a cottage industry for earning their livelihood. A training unit was therefore started in Gudem during 1958-59. Towards the continuance of this unit during 1959-60, a sum of Rs. 0.020 lakh was provided in the plan and against this a sum of Rs. 0.017 lakh was spent till the end of March, 1960.

Formation of Roads :

During 1959-60, an amount of Rs. 10.31 lakhs was originally provided to connect agency areas with plains and to afford better communication facilities. This includes formation of new roads, construction of bridges and culverts and improvements to roads already formed. During the course of the year, the provision originally made was considered to be insufficient to embark on the construction programme contemplated and it was, therefore, enhanced to Rs. 16.40 lakhs. In all, 10 schemes were executed during the year and an expenditure of Rs. 25.69 lakhs was incurred till the end of March, 1960. During the year roads on a length of 5 miles and furlongs were formed in addition to the construction of bridges, culverts and improvements, etc. The details of enhanced provision and the expenditure incurred till the end of March, 1960 in respect of each of the 10 works executed are given below:—

Name of the work.	1959–60	
	Provision.	Expenditure.
	(Rs. in lakhs)	
(1)	(2)	(3)
1. Forming of the unformed portions and improvements to the existing roads, from Paderu to Tajengi, *via* Madugole and Lottugedda in Visakhapatnam district	1.51	3.73
2. Forming a fair weather road from Paderu to Sujanakota in Visakhapatnam district.	1.35	1.47
3. Forming a fair weather road from Paderu to Orissa border, *via* Hukumpeta and Kinchumanda in Visakhapatnam district	1.10	2.27

(1)	(2)	(3)
4. Forming a road from Sujanakota to Duduma in Visakhapatnam district	1.60	2.81
5. Forming a road from Kurupam to Mulugedu, Srikakulam district	0.50	0.53
6. Forming a road from Seetlampalli to Addathegala and thence to Cheravukonmapalem	0.20	0.35
7. Forming a road from Rampachodavaram to Badrachalam *via* Maredumilli to Lakkavaram excluding the portions from Maredumilli to Chinthemu, East Godavari district.	1.50	1.65
8. Forming a road from Addathegala to Rameyyram in East Godavari district	0.75	0.94
9. Forming a road from Pedavalasa to Kairagedda in Visakhapatnam district	7.28	11.33
10. Formation of road from Kunavaram to Pochavaram *via* Ipur.	0.61	0.61
Total	16.40	25.69

Forming of Small village roads and repairs to the existing roads in the agency villages :

Towards the formation of small village roads and carrying out petty repairs in each of the four agency districts of Andhra, a sum of Rs. 0.35 lakhs was provided in the Plan for 1959-60 and against this there was an expenditure of Rs. 0.26 lakh till the end of March, 1960

Construction of Quarters for the staff at Araku Valley :

With a view to providing pucca buildings for officers and the staff of various departments working at Araku Valley, construction of quarters for 2 Gazetted Officers and 12 clerks was taken up during 1957-58. Towards the completion of the construction work, a sum of Rs. 1.00 lakh was allotted in the plan for 1959-60. The construction of the quarters was completed and a sum of Rs. 1.06 lakh was spent during the year under review.

Land Colonisation :

With a view to settling the tribals on permanent cultivation and weaning them away from Podu cultivation, it was proposed to construct huts, reclaim lands and allot them to tribal families in the colonies at Tajangi, Mampakinchuvanipalem, Gangavaram and Aminabad and for Gurukulas, Yenadis and Sugalis. Towards this, a sum of Rs. 5.29 lakhs was provided in the plan for 1959-60. This provision was subsequently reduced to Rs. 3.84 lakhs and against this a sum of Rs. 3.51 lakhs was spent till the end of March, 1960. The expenditure incurred on each of the land colonisation schemes is given below :-

	Name of the colony.	Expenditure in 1959-60. (Rs. in lakhs).
	(1)	(2)
1.	Tajangi Land Colonisation Scheme	1.15
2.	Mampakinchuvani Land Colonisation Scheme	0.08
3.	Gujjumamidivalasa Land Colonisation Scheme	0.40
4.	Land Colonisation Scheme in East and West Godavari Districts (Jelugum milli, Pochavaram, Gangavaram and Aminabad).	0.13
5.	Land Colonisation Scheme for Yerukulas, Yenadis and Sugalis	1.74

Major Irrigation :

Against the programme of 5 major irrigation works originally proposed, only one work, viz., "Forming an irrigation tank at M 1+6 of Bridle path near Nandiguda village in Visakhapatnam district was taken up during the year and a sum of Rs. 0.32 lakh was spent till the end of March, 1960.

Minor Irrigation :

As it is important to repair and maintain the minor irrigation works in the tribal areas in view of the large area irrigated by them, a sum of Rs. 0.50 lakh was provided in the Budget for 1959-60 for undertaking minor irrigation works in Tribal areas. This was subsequently reduced to Rs. 0.46 lakh and against this a sum of Rs. 0.23 lakh was spent till the end of March 1960.

Development of Fisheries and Distribution of Fingerlings to Tribals :

An amount of Rs. 0.08 lakh was provided in the plan for 1959-60 for the development of fisheries in Tribal areas. Against this, a sum of Rs. 0.07 lakh was spent till the end of March, 1960 for the distribution of fingerlings and development of fisheries.

Aid to Voluntary Agencies :

A sum of Rs. 0.90 lakh was provided in the plan for 1959-60 for giving financial aid to voluntary agencies which are doing welfare work in the agency areas. During the year under review, a sum of Rs. 0.56 lakh was spent and financial assistence was given to Andhra Sramika Dharma Rajya Sabha, Kovvur, Andhra Rastra Adimajati Sevak Sangh, Nellore and Guild of Service, Srikakulam.

Installation of Radio Sets in Agency Areas :

During the year under review all the 29 sets proposed for distribution were installed and out of the provision of Rs. 0.15 lakh provided for this scheme a sum of Rs. 0.14 lakh was spent by the close of the year.

Finance Development Corporation in Visakhapatnam District :

With a view to providing credit facilities to the tribal people and also to procure and supply them domestic requirements and other necessaries of life and to arrange

for the marketing of their agricultural produce " The Andhra Scheduled Tribes Co-operative Finance and Development Corporation Ltd., Visakhapatnam," was established in 1956-57. To manage the corporation and its pre-primary marketing-societies, some staff was appointed and for the continuance of this staff during the year under review, a sum of Rs. 2.50 lakhs was allotted. As programmed, the staff was continued and there was an expenditure of Rs. 4.23 lakhs till the end of March, 1960.

Establishment of Cultural Research Unit :

To study the problems and pattern of life and civilisation of tribal people, a cultural research unit was started during the year 1958-59. A sum of Rs. 0.50 lakh was provided in the Plan for 1959-60 for expenditure during the year and against this a sum of Rs. 0.06 lakh was spent. The shortfall in expenditure was mainly due to the fact that the firm which promised to supply the Jeep with the trailor to the institute has failed to supply before the end of the year.

Development of Atmakur Co-operative Corporation :

During 1956-57 a purchase and sale society was organised at Atmakur in Kurnool district for the benefit of chenchus and a forest officer and 3 Junior Inspectors were appointed to run this society and continued during the years 1957-58 and 1958-59. For continuance of the staff and for the construction of godowns and staff quarters during 1959-60, an expenditure of Rs. 0.17 lakh was incurred as against the provision of Rs. 0.30 lakh. The Society purchased produce worth Rs. 0.11 lakh from tribesmen and supplied domestic requirements worth Rs. 0.40 lakh during the period under review.

Organisation of purchase and Sale Co-operative Society at Dornal :

A purchase and sale Co-operative Society was organised at Dornal in Kurnool district during 1956-57 to serve the needs of chenchus in the region and free services of a Senior Inspector and a peon were provided to this society during 1957-58. For the continuance of this staff and for the construction of godowns and staff quarters, a sum of Rs.0.27 lakh was provided in the plan for 1959-60. As programmed, the staff was continued and the construction of godowns and staff quarters was taken up. During

the year domestic requirements worth about Rs. 0.123 lakh were supplied besides the purchase of forest produce worth about Rs. 0.024 lakh from the tribesmen. The expenditure on this scheme during the year amounted to Rs. 0.085 lakh.

Development of Kotaramachendrapuram Marketing Society :

For the exclusive benefit of the tribals of the Agency area of Polavaram taluk of West Godavari district, a Co-operative Marketing Society was established at Kotaramachandrapuram during 1955. A sum of Rs. 0.15 lakh was provided in the Plan for 1959-60 for the construction of godowns, etc. Against this, a sum of Rs. 0.120 lakh was spent till the end of March, 1960. During the year under review domestic requirements worth about Rs. 0.218 lakh were supplied besides the purchase of forest produce worth Rs. 0.025 lakh from the tribesmen.

Administrative Staff in the R.C.S. Office :

On account of the implementation of various plan schemes relating to co-operation in agency areas, there was considerable increase in the work in the office of the Registrar of Co-operative Societies and to cope up with this work, additional staff consisting of one Senior Inspector, 2 L.D.Cs., and one peon were appointed during the year 1957-58. Towards the continuance of this staff during 1959-60, a sum of Rs. 0.08 lakh was allotted in the Plan. As programmed the staff was continued and a sum of Rs. 0.07 lakh was spent till the end of March, 1960.

Development of Anantagiri Co-operative Society :

A sum of Rs. 0.18 lakh was provided in the plan for 1959-60 for the development of the Anantagiri Co-operative Society which was organised during the First Plan period and for the construction of a godown besides the continuance of the Senior Co-operative Inspector and two peons. During the year, a sum of Rs. 0.14 lakh was spent towards the maintenance of the staff, working capital for the society and for the construction of godowns. The society has also supplied domestic requirements worth Rs. 0.25 lakh and purchased forest produce worth Rs. 0.17 lakh from the tribesmen besides issuing loans to the extent of Rs. 70.

Development of Addatheegala Co-operative Stores :

Under this scheme, it was proposed to develop the Addatheegala Co-operative Stores and a sum of Rs. 0.12

lakh was provided in the plan for 1959-60 for granting subsidy towards the salaries, etc., of the staff, construction of godowns, purchase of double bullock cart with bullocks and create reserve fund. During the course of the year, the provision was enhanced to Rs. 0.23 lakh and against this a sum of Rs. 0.18 lakh was spent till the end of March, 1960. During the year, domestic requirements worth Rs. 0.23 lakh were supplied and forest produce worth Rs. 0.05 lakh was purchased from the tribesmen.

Opening of Women's Welfares Branches in the Agency Areas :

With a view to teaching the tribal women, healthy methods of living and clean habits besides making them learn domestic economy and gainful utilisation of leisure, 9 women welfare centres were opened prior to 1959-60. During the year 1959-60, it was proposed to open three more centres and for this a sum of Rs. 0.56 lakh was provided. As programmed the 3 centres were opened and an expenditure of Rs. 0.32 lakh was incurred till the end of March, 1960.

Refresher Course to Field Staff :

Under this scheme refresher courses were to be conducted in the agency areas for the field staff of the women welfare department to enable them to improve their knowledge of various schemes and development programmes undertaken by the Government. A sum of Rs. 0.02 lakh was allotted in the plan for 1959-60 for training 20 candidates. During the year, 30 candidates were trained and the entire provision was spent.

Social Assistance to Sick and Infirm :

With a view to helping the sick and rehabilitating the infirm among the tribals who cannot do any physical labour, a sum of Rs. 0.10 lakh was provided in the Plan for 1959-60. The entire provision was spent and 21 women were benefited during the year under review.

Opening of Women Welfare Centre for Chenchus in Kurnool District :

For the benefit of Chenchus in Kurnool district, one Women Welfare Centre was opened during 1958-59. A sum of Rs. 0.10 lakh was provided in the current year's Plan for the continuance of this centre. As programmed,

the centre was continued incurring an expenditure of Rs. 0.09 lakh.

Administration Staff in the Office of the Directorate of Women Welfare :

For the effective implementation of the various schemes for the welfare of women in agency areas additional staff was appointed during the year 1957-58 and continued during 1958-59. For the continuance of this staff during 1959-60 also, a sum of Rs. 0.30 lakh was allotted in the Budget for 1959-60. As programmed the staff was continued and a sum of Rs. 0.37 lakh was spent till the end of March, 1960.

Visits by Medical Officers in Visakhapatnam District :

Under this scheme, the Medical Officers of the Government Dispensaries at Pedevalasa and Seethampeta, pay visits to the agency villages in Srikakulam and Visakhapatnam districts at least once a fortnight along with the Maternity Assistant to render medical aid to the inhabitants of the villages. A sum of Rs. 0.012 lakh was provided in the plan for 1959-60 for continuing this scheme. Against this an amount of Rs. 0.022 lakh was spent till the end of March, 1960.

Improvements to Dispensary at Jeelugumilli in West Godavari District :

Construction of buildings to improve the Government dispensary at Jeelugumilli and the quarters for the staff was taken up during 1956-57 and continued during the last two years. In 1959-60 also, the same was continued incurring an expenditure of Rs. 0.15 lakh against the allotment of Rs. 0.046 lakh.

Conversion of Dispensary at Chinthapalli, into 12-bedded hospital :

It was proposed under this scheme to convert the hospital at Chinthapalli in Visakhapatnam district into 12-bedded hospital for providing medical facilities to the tribals of the region. During 1957-58, the construction of a Semi-permanent building for the hospital ward and temporary quarters for the staff was taken up and continued during the year 1958-59. For the continuance of this construction during 1959-60 also, a sum of Rs. 0.16 lakh was allotted in the plan for 1959-60.

But no amount was spent during 1959-60.

Opening of Government Dispensary with emergency ward at G. Madugole :

In order to provide adequate medical facilities to the tribal people in Visakhapatnam district, it was proposed to improve the dispensary at G. Madugole during the Second Plan Period. Towards this end construction of semi-permanent buildings for the dispensary and quarters for the staff was taken up during 1957-58 and continued during 1958-59. Towards the continuance of the construction programmed during the year under review a sum of Rs. 0.15 lakh was provided. The construction work was continued during the year and a sum of Rs. 0.14 lakh was spent till the close of the year.

Opening of Mobile Medical Unit at Polavaram :

With a view to providing more medical facilities to the tribals in the neighbouring villages of Polavaram, a mobile medical unit was started during 1958-59 and for the continuance of this during 1959-60 a sum of Rs. 0.08 lakh was provided in the current year's budget. As programmed the mobile medical unit was continued during the year incurring an expenditure of Rs. 0.09 lakh.

Improvements to Government Hospital at Polavaram :

To continue the improvements to the taluk Headquarters Hospital at Polavaram which is an important centre in the agency area of West Godavari district, a sum of Rs. 0.05 lakh was provided in the plan for the year 1959-60. No expenditure was incurred during 1959-60.

Opening of Dispensary at Thonam in Srikakulam District :

In order to provide more medical facilities to the tribals a dispensary was proposed to be opened at Thonam in Srikakulam district during 1958-59. For the continuance of this during 1959-60, a sum of Rs. 0.20 lakh was provided. As programmed this was continued during the year at a cost of Rs. 0.03 lakh.

Opening of a mobile medical unit at Seethampeta in Srikakulam District :

With a view to providing medical facilities to the tribals in the agency areas, a mobile medical unit with

one Medical Officer and one Compounder, was opened during the year 1958-59. A sum of Rs. 0.067 lakh was allotted in the current year for continuing the unit. The unit was continued during the year incurring an expenditure of Rs. 0.051 lakh.

Construction of Building for dispensary and quarters for the Staff at Seethampeta :

As the dispensary at Seethampeta was temporarily located in a shed, it was proposed to construct a pucca building for the dispensary besides the construction of quarters for the staff. During 1958-59, the construction work was taken up and for continuing this work during 1959-60, a sum of Rs. 0.16 lakh was provided. Against this a sum of Rs. 0.19 lakh was spent till the close of the year.

Anti-malarial Operations in Agency Areas :

The major disease in the agency areas is malaria. For eradication of malaria in these tracts, the various anti-malaria measures in operation were proposed to be extended to uncovered agency areas during 1959-60 at a cost of Rs. 5.00 lakhs. The anti-malaria operations were accordingly continued and extended to new areas during the year under review and an expenditure of Rs. 3.65 lakhs was incurred.

Maternity and Child Health Centres in Agency Area :

To combat infant mortality, 4 maternity and child health centres were opened at Polavaram, Bhadhrachalam and Bhadhragiri. For the continuance of these 4 centres in addition to the opening of one more centre, a sum of Rs. 0.73 lakh was allotted for expenditure during 1959-60. The new centre, however, could not be opened and a sum of Rs. 0.58 lakh was spent on the continuance of the four centres.

Digging of Drinking Water Wells in Agency Areas :

For want of protected water facilities, tribal people generally use water from streams and stagnated pools which is injurious to their health. In order to provide protected water supply 75 wells were dug during the last two years and it was proposed to dig 30 more wells during the year under review at a cost of Rs. 1.24 lakhs. However, 25 wells were constructed at a cost of Rs. 1.22 lakhs.

TELANGANA.

Award of Scholarships :

In order to encourage the tribals to educate their children, scholarships are awarded under this scheme to the primary, higher and lower secondary tribal students in Telangana Region for 10 months in a year at the rate of Rs. 2 per month for each primary student and Rs. 5 per month for each higher and lower secondary student. During the year 1959-60 it was proposed to grant scholarships to 3,072 students and a sum of Rs. 0.58 lakh was allotted for this purpose in the annual plan. Against this programme scholarships were granted to the targeted number of students and a sum of Rs. 0.55 lakh was spent during the year.

Opening of Tribal Hostels :

To provide boarding and lodging facilities to tribal children three hostels were opened at Hanumakonda in Warangal district, Burgampahad in Khammam district and another in Adilabad district during the previous years. For continuance of these hostels during 1959-60, a sum of Rs. 0.26 lakh was provided in the budget for the year under review. As programmed the three hostels were continued and a sum of Rs. 0.40 lakh was spent.

Opening of Schools :

During the Second Plan Period it was proposed to rehabilitate the scheduled tribes who had unsettled life in 16 colonies. To impart education to the children of these colonists, each colony is proposed to be provided with a school. 8 such schools were opened prior to 1959-60. In 1959-60 it was proposed to open 5 more schools besides continuing the schools already opened and towards this a sum of Rs. 0.20 lakh was provided in the plan. The entire provision was spent and 6 new schools were opened beside continuing the 8 schools already opened.

Grants-in-Aid to Private Hostels :

An amount of Rs. 0.05 lakh was provided in the plan for 1959-60 for sanctioning grants to private hostels towards the boarding, lodging and miscellaneous expenses incurred on tribal students at the rate of Rs. 25 per month per student for 10 months. During the year

under review a sum of Rs. 0.008 lakh was spent on this scheme.

Maintenance of Ashram School, Saliwada :

This is a new Scheme. An Ashram School was originally opened by the servants of India Society at Saliwada and it was taken over by the Government in July 1959. Towards the maintenance of this institution a sum of Rs. 0.027 lakh was provided in the revised provisions. Against this a sum of Rs. 0.029 lakh was spent till the end of March, 1960.

Demonstration Farm :

With a view to giving practical training to the tribals in the field of agriculture and to demonstrate modern methods of cultivation, two demonstration farms were opened in Warangal and Karimnagar districts during the preceding years. For continuing these two demonstration farms during 1959-60, a sum of Rs. 0.09 lakh was provided against which a sum of Rs. 0.11 lakh was spent during the year.

Supply of Plough Bullocks :

In order to encourage tribals in the Telangana Region to take to agriculture 233 pairs of Plough Bullocks were proposed to be supplied to the tribals free of cost during 1959-60 and a sum of Rs. 0.40 lakh was provided for this purpose. As this provision was found to be insufficient to achieve the targets, it was increased to Rs. 0.75 lakh during the course of the year. The targeted number of 233 pairs of Plough Bullocks were purchased and supplied to tribal agriculturists at a total cost of Rs. 0.76 lakh during the year.

Supply of Seeds and Implements :

During the year 1959-60 it was proposed to distribute seeds and agricultural implements to 146 deserving tribal families in the Telangana Region so as to encourage them to take to agriculture. All the 146 families were provided with seeds and implements as programmed and a sum of Rs. 0.075 lakh was spent on the scheme.

Handicraft Centres :

To train the tribal colonists in some useful handicrafts and to improve their Economic Conditions, 16 handicraft

centres were proposed to be opened during the Second Plan Period. Of these six centres were opened in the districts of Mahbubnagar, Khammam, Karimnagar and Aailabad prior to 1959-60. Besides continuing these six centres, four more new centres were opened during the year 1959-60 and a sum of Rs. 0.21 lakh was spent on the scheme against the provision of Rs. 0.26 lakh.

Sericulture Farm :

To provide supplementary occupation for the tribals one sericulture farm was opened in Khammam district during 1957-58. But as the scheme was not a success in that district the farm was shifted to Mahbubnagar district and continued during 1958-59. The farm was continued during 1959-60 also and a sum of Rs. 0.134 lakh was spent till the end of March, 1960 as against Rs. 0.074 lakh provided for the scheme in the Budget Estimates for the year.

Training-cum-*Production Centres :*

With a view to imparting training to tribesmen in carpentry, tanning, weaving, etc., two training-*cum*-production centres were opened prior to 1959-60, in the districts of Khammam and Adilabad. During the year 1959-60, these two centres were continued besides opening one more new centre in Adilabad district. In all an expenditure of Rs. 0.494 lakh was incurred on the scheme till the end of March, 1960.

Co-operative Stores :

During the period 1956-59, 4 Co-operative Stores were opened in Adilabad, Khammam and Karimnagar districts in the colonies constructed in the agency areas for selling the daily necessities at reasonable rates to the tribal people. During the current year, these four centres were continued and a sum of Rs. 0.064 lakh was spent on them against the provision of Rs. 0.066 lakh.

Forest Labour Co-operative Stores :

With a view to preventing the private contractors from exploiting tribal people and to provide employment to a large number of tribals, it was proposed to organise five forest co-operative societies during the second plan period. Accordingly, three societies were formed during the period 1956-59. For the continuance of these three

societies and to form two more new societies, an allotment of Rs. 0.56 lakh was made in the Plan. As programmed the targets were fully achieved and an expenditure of Rs. 0.42 lakh was incurred.

Formation of Roads:

A sum of Rs. 0.40 lakh was provided in the plan for 1959-60 for improving the communications in tribal areas by forming new roads and repairing and maintaining existing roads. Against this a sum of Rs. 0.252 lakh was spent till the end of March 1960.

Supply of Sheep and Milk Buffaloes:

Under this scheme it was proposed to supply sheep and milk buffaloes free of cost to the needy tribals to promote their economic condition. A sum of Rs. 0.30 lakh was provided in the Budget for 1959-60 for the supply of 384 sheep and 74 milk buffaloes at the rate of one buffalo or up to five sheep to each tribal family. Against this 83 buffaloes and 26 sheep were supplied free of cost to tribals at a cost of Rs. 0.194 lakh.

Sinking of new wells and repairs to old wells:

With a view to providing drinking water to tribals, 25 new wells were sunk and 49 old wells were repaired, during the period 1956-59. In the Budget for 1959-60 an allotment of Rs. 0.474 lakh was made for sinking 28 new wells and repairing old wells. Against this programme 45 new wells were sunk and 13 old wells were repaired at a cost of Rs. 0.441 lakh.

Colonisation:

With a view to rehabilitating the scheduled tribes who lead an unsettled life, it was proposed to construct 16 colonies during the second plan period. During the period ended March 1959, five colonies were constructed and for forming five more colonies during 1959-60, a sum of Rs. 0.875 lakh was provided in the annual plan. The targeted 5 colonies were formed and a sum of Rs. 0.999 lakh was spent till the end of March 1960 and 278 families were benefited.

Cultural Activities:

With a view to creating social and civic consciousness among the tribals, cultural programmes like dramas, social gatherings and Jatras were organised during the

year and a sum of Rs. 0.026 lakh, against an allotment of Rs. 0.02 lakh was spent.

Women's Welfare Centres:

For the uplift of the tribal women and children and to educate them in maternity and child welfare and to teach them healthy modes of living and clean habits, two women welfare centres were opened, one in Kammam district and the other in Adilabad district during the year 1958-59. For continuing these two centres during 1959-60 a sum of Rs. 0.20 lakh was allotted in the annual plan. A sum of Rs. 0.094 lakh was actually spent on the scheme during the year under review.

Administration:

To cope up with the work involved in the implementation of the various schemes envisaged under the Second Five-Year-Plan. 4 organisers, 1 U.D.C., 7 L.D.Cs. and 2 peons were appointed during 1956-57 and continued during the years 1957-58 and 1958-59. This staff was continued during 1959-60 also and the entire provision of Rs. 0.185 lakh allotted for this purpose was spent.

Statement XXV shows the details of physical and financial targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Social Services.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements 1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Expenditure	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA.						
1.	Appointment of Special Educational Officer for Agency with necessary staff	1.009	..	0.163	0.276	0.300	0.270
2.	Increase in the strength of boarders in the subsidised hostels	0.095	0.013	0.007	0.022	0.033	0.020
3.	Opening of new Government Hostels at Paderu and Pullangi	0.284	0.035	0.080	0.074	0.087	0.063
4.	Conversion of subsidised hostels into Government Boarding Homes ..	0.411	..	0.179	0.070	0.100	0.080
5.	Supply of books, slates and clothing to tribal children studying in various educational institutions ..	5.165	..	1.220	1.230	1.460	1.708
6.	Continuation of Elementary Schools opened in 1957-59 and opening of new Elementary Schools in Agency areas	2.690	..	0.185	0.480	1.500	0.626
7.	Construction of Pucca Buildings to schools and hostels in Agency areas ..	3.739	..	0.405	1.444	1.980	1.198
8.	Appointment of Special District Agricultural Officer for Agency with necessary Staff	1.150	..	0.260	0.328	0.350	0.375
9.	Training of Hill men as Demonstration Maistries for propaganda work, and hill men owning lands in improved methods of agriculture	0.798	0.181	0.187	0.084	0.170	0.100

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				Staff Scheme.			
Additional Boarding Grants	No.	22	22	22	22	22	22
(*a*) Opening of Hostels	,,	2	2	..	..	..	..
(*b*) Continuance of Hostels	,,	..	..	2	2	2	2
(*c*) Boarders	,,	50	50	50	50	50	N. F.
(*a*) Opening of Hostels	,,	7	..	7	..	..	..
(*b*) Continuance of Hostels	,,	..	..	..	7	7	7
Tribal students to be benefited	,,	1,13,160	..	23,400	8,619	..	35,288
(*a*) New Schools to be opened	,,	50	..	15	15	15	15
(*b*) Schools to be continued	,,	..	..	..	15	80	80
School Buildings to be constructed	,,	60	..	4	..	17	8
				Staff Scheme.			
Hill-men to be trained	No.	300	56	47	80	60	28

STATEMENT

HEAD OF DEVELOPMENT.—*Sorial Services.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10.	Opening of 3 Pilot Farms in Srikakulam, Visakhapatnam and West Godavari district	2.117	..	0.717	0.685	0.820	0.529
11.	Improvement of agricultural facilities in Seetharampeta and Gummalaxmipuram in Srikakulam district	0.734	..	0.174	0.181	0.200	0.236
12.	Scheme for maintenance and development of Demonstration-*cum*-exploratory Farm at Rampachodavaram ..	1.483	..	0.263	0.434	0.400	0.428
13.	Opening of Demonstration Units in Agency areas ..	2.700	..	..	0.101	1.550	0.842
14.	School and Hostel for Chenchus at Dornal ..	0.488	0.056	0.110	0.123	0.110	0.129
15.	Opening of mobile Medical unit at Dornal ..	1.029	..	0.189	0.510	0.160	0.128
16.	Administration	0.540	..	0.070	0.238	0.110	0.120
17.	Schemes for Bamboo and Rattan Basket making at Paderu in Visakhapatnam district	0.193	..	0.012	0.054	0.060	0.061
18.	Mat Weaving with Korra and Thunga at Cherla in East Godavari District ..	0.183	..	0.017	0.043	0.050	0.05
19.	Tanning Demonstration Unit at Covvadi in Srikakulam district	0.186	..	0.017	0.075	0.054	0.064
20.	Extraction of Palmyra fibre in agency areas of East Godavari District ..	0.048	0.008	..	0.008	0.020	0.017

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Opening of Pilot Farms	No.	3	..	3	..	..	..
(*b*) Continuance of Pilot Farms	,,	..	..	..	3	3	3
Improvements ..	,,	..	..	..	..	..	..
Research Scheme.							
Demonstration Units functioning	No.	8	..	..	1	6	7
(*a*) Opening of School and Hostel	,,	1	1	..	..	..	..
(*b*) Continuance of School and Hostel ..	,,	1	..	1	1	1	1
a. Starting of mobile Medical unit	No.	1	1	..	..	..	..
b. Continuance of Mobile Medical Unit ..	,,	1	..	..	1	1	1
Staff Scheme.							
a. Opening of Centres ..	,,	5	..	1	..	..	..
b. Continuance ..	,,	..	..	..	1	1	1
c. Trainees	,,	60	..	15	13	15	15
Trainees	,,	60	..	15	11	15	15
Trainees	,,	160	..	40	12	42	12
.. .. ..	..	..	..	..	..	..	..

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21.	Opening of Touring Billet in Srikakulam district ..	0.147	..	0.037	0.031	0.050	0.050
22.	Livestock Farm at Chintapalli	7.000	0.947	1.083	1.176	2.000	1.867
23.	Opening of two Minor Veterinary Dispensaries ..	0.314	..	0.022	0.127	0.075	0.148
24.	Opening of Veterinary First Aid Centres	0.215	..	..	0.012	0.040	0.059
25.	Distribution of Cattle and Breeding bulls and payment of bonus ..	0.238	..	0.045	0.071	0.085	0.065
26.	Distribution of Female stock and payment of bonus to Koyas in East Godavari district	0.150	..	..	..	0.050	0.048
27.	Distribution of Sheep ..	0.085	..	..	0.016	0.030	0.030
28.	Distribution of Poultry ..	0.095	..	0.015	0.017	0.030	0.030
29.	Starting of Hachery and opening of one poultry unit in Srikakulam district	0.085	..	..	0.059	0.020	0.019
30.	Formation of unformed portions and improvements to the existing roads from Paderu to Tajangi *via* Madugolu, Paderu to Lotugedda metalling ..	3.067	0.363	0.704	0.482	1.000	3.732
31.	Forming a fair weather road from Paderu to Sujanakota in Visakhapatnam district .	20.269	2.187	2.539	3.470	1.000	1.469
32.	Forming a fair weather road from Paderu to Orissa border *via* Hukumpeta and Kinchumanda..	9.768	2.148	2.480	.. 3.739	1.000	2.268

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
a. Opening of Touring Billet	No.	1	..	1	..	..	..
b. Continuance ..	,,	..	..		1	1	1
a. Opening of Livestock Farm	,,	1	1	..	..	..	..
b. Continuance ..	,,	..	..	1	1	1	1
a. Opening of M. V. Dispensaries ..	,,	2	..	2	..	..	..
b. Continuance ..	,,	..	..	..	2	2	2
a. Opening of First Aid Centres	,,	5	..	..	1	..	..
b. Continuance ..	,,	..	..	..	..	1	2
Distribution of breeding bulls	No.	17	..	4	5	5	5
Female stock ..	,,	15	..	..	5	5	18
Sheep	,,	100	..	25	25	25	46
Poultry (birds) ..	,,	820	..	160	160	240	326
a. Opening of Poultry Unit	,,	1	..	..	1	..	..
b. Continuance ..	,,	..	..	..	..	1	1
Formation of Roads ..	No. of Miles	5½	..	4	Completion of cross drain works.	Completion of work.	..
Formation of Roads ..	,,	9	..	..	8—2	3—5	Work in Progress
Do	,,	7	..	..	8—3	2—2½	,,

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan provision as revised last	Financial Targets and Achievements				
			1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
33.	Forming a road from Dhasakonda to Gudem *via* Lankapakala	16.124	1.125	2.907	10.09	2.000	..
34.	Forming a road from Sujanakota to Duduma	5.080	..	0.578	3.503	1.000	2.810
35.	Forming a road from Pedavalasa to Katregedda ..	4.846	0.446	0.914	1.583	1.200	11.327
36.	Forming a road from Kurupam to Mulagedu ..	2.719	..	0.419	0.026	0.500	0.530
37.	Forming a road from Seethapalli to Addathigala and thence Cheruvakommupalem	2.351	..	0.421	0.099	0.530	0.355
38.	Forming a road from Rampachodavarm to Bhadrachelam *via* Maedumilli to Lakkavaram	6.870	0.780	1.470	3.233	1.000	1.647
39.	Forming a road from Ganpavaram to M. D. R. No. 6 *via* Nellipudi	0.110	..	..	..	0.030	..
40.	Forming a road from Addatigela to Ramavaram ..	4.829	1.520	1.106	..	0.750	0.938
41.	Forming a road from Kunavaram to Pouchavaram *via* Ipur	0.785	..	0.235	..	0.050	0.606
42.	Forming a road from M. 22/0 of Rajahmundry Maredumilli road to M.26./09 Samalkot to Gokavaram road ..	0.550	..	..	0.018	0.250	..
43.	Formation of small village roads and Petty repairs to the existing roads in the agency areas	1.066	..	0.271	0.188	0.350	0.258
44.	Tajangi Land Colonisation Scheme	4.688	..	0.948	1.052	1.500	1.146
45.	Mampakinchivanipalem Land Colonisation Scheme ..	1.080	..	..	0.014	0.520	0.082

XXV.

UB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Formation of roads	.. No. of miles	N.A.	..	..	10	..	..
do	.. do	12½	..	..	12—7	4 -6	5—6
do	.. do	½		Work in Progress			
do	.. do	3½		Work completed			
do	.. do	1½	Work completed and construction of causeways				
Completion of Bridge	.. No.	1		Work in Progress			
Formation of Roads	.. No. of miles	6		Work in progress			
do	.. do	10		1—43 Work is in Progress			
do	.. do	6½		Work in Progress			
do	.. do	N.A.					
do	.. N.A.						
Families to be settled	.. No.	200	..	..	..	N.A.	..
do	.. do	50		Work in Progress			

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision, as revised last	1956-57 Expen. diture	1957-58 Expen. diture	1958-59 Expendi-ture	1959-60 Budget	1959-60-Expendi-ture
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
46.	Gujjamamidivalasa Land Colonisation Scheme ..	2.150	..	..	0.096	1.070	0.405
47.	Land Colonisation Schemes in East and West Godavari Districts	1.613	..	0.813	0.280	0.200	0.184
48.	Land Colonisation Scheme for Yerukulas, Yanadies and Sugalis	4.000	..	..	..	2.000	1.740
49.	Construction of quarters for staff and protected water supply to township at Araku valley ..	8.597	..	0.797	1.107	1.000	1.063
50.	Development of Fisheries in the agency areas and distribution of fingerlings to tribals	0.231	..	..	0.028	0.080	0.066
51.	Formation of an Irrigation tank atM. 2/0 to M. 2/2 of bridle path near Madugula village	0.267	..	..	..	0.020	..
52.	Repairs to Pammana tank, Bhadrachalam taluk ..	0.120	..	..	..	0.050	..
53.	Restoration of Kolivar tank	0.060	..	..	..	0.030	..
54.	Formation of an Irrigation Tank at M. 4/0 of bridle path near Mawdiguda village ..	0.143	..	..	0.096	0.043	0.320
55.	Minor Irrigation tank repairs in East Godavari District	1.964	..	0.264	0.524	0.500	0.234
56.	Restoration of Votikunta Tank	2.880	..	..	..	0.40	..
57.	Finance and Development Corporation in Visakhapatnam district ..	8.970	..	0.970	2.515	2.500	4.231
58.	Installation of Radio Sets in agency areas ..	0.469	..	0.052	0.077	0.150	0.141

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Families to be settled ..	No.	100	Work in progress				
do ..	do						
do ..	do	do	do				
do ..	do	do	do				
Construction of staff quarters etc. ..	do	do	do				
Fisheries Development ..	do	do	do				
Fisheries Development ..	do	do	do				
Repairs ..	do	do	do				
Repairs	do	do	do				
Land to be Irrigated ..	No. of acres	45	..	..	..	45	..
Minor Irrigation tanks to be repaired. ..	No.	26	..	4	N.A.	N.A.	..
(*a*) Development of corporation. ..	No.	1	1	..	..	..	..
(*b*) Continuance ..	do	..	..	1	1	1	..
Radio Sets ..	do	115	..	29	29	29	..

HEAD OF DEVELOPMENT.—*Social Services.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expen. diture	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
59.	Tribal Cultural Research Institute	1.050	..	..	..	0.500	0.058
60.	Soil Conservation ..	2.300	..	..	..	1.200	..
61.	Development of Atmakur Co-operative Society for Chenchus	0.590	0.040	0.075	0.096	0.800	0.169
62.	Formation of purchase and sale co-operative society at Dornal	0.620	0.088	0.035	0.175	0.270	0.085
63.	Development of Kota Ramachandrapuram Marketing Co-operative Society ..	0.420	..	0.010	0.260	0.150	0.120
64.	Development of Anantagiri Agency Co-operative Society	0.260	..	..	..	0.180	0.137
65.	Addatigala Co-operative Stores	0.150	..	..	..	0.120	0.168
66.	Administration Staff at the Office of the Registrar of Co-operative Societies ..	0.250	..	0.018	0.069	0.080	0.075
67.	Opening of Women's Welfare branches in Agency areas	1.803	..	0.393	0.118	0.560	0.319
68.	Refresher Course to field staff	0.055	..	..	0.015	0.020	0.020
69.	Opening of Women Welfare centres for Chenchus in Kurnool District ..	0.300	..	..	0.083	0.100	0.093
70.	Social Assistance to Sick, Infirm, etc.	0.300	..	..	0.100	0.100	0.100

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(a) Supply of Domestic requirements	Worth in Rs.	2,45,000	..	40,000	20,000	40,000	40,000
(b) Purchase of Reserved forest produce	do	55,000	..	11,000	8,300	11,000	1,087
(a) Supply of Domestic requirements	do	1,00,000	..	16,866	N.A.	20,000	12,519
(b) Purchase of reserved forest produce	do	41,500	..	4,516	1,887	8,300	2,372
(a) Supply of Domestic requirements	do	1,20,000	..	30,000	1,887	30,000	21,776
(b) Purchase of Forest Produce	do	60,000	..	5,000	8,300	15,000	2,512
(c) Issue of Loans	do	4,50,000	..	..	..	11,250	..
(a) Supply of Domestic requirements	do	75,000	..	..	..	25,000	25,000
(b) Purchase of Forest Produce	do	50,000	..	..	..	20,000	1,105
(a) Supply of Domestic Requirements	No.	..	..	..	..	25,000	23,600
(b) Purchase of forest produce	do	..	..	..	..	10,000	4,656
Staff Scheme							
Welfare branches	No.	12	..	3	N.A.	3	3 (Contd.)
Women to be trained	do	80	..	..	20	20	30
Welfare Centres	do	3	..	..	..	1	1
People to be benefited	do	300	..	..	50	50	21

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.*

(Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
71.	Additional staff in the Office of the Director, Women's Welfare	0.803	..	0.003	0.290	0.300	0.366
72.	Visits by Medical Officers in Visakhapatnam District	..	0.011	0.005	0.015	0.012	0.022
73.	Improvements to Government Dispensary at Jeelugumilli	0.494	0.071	0.160	0.160	0.040	0.150
74.	Conversion of Dispensary at Chintapalli into 12 bedded Hospital	0.671	..	0.121	0.099	0.250	..
75.	Opening of Dispensary with emergency ward at Sujanakota	0.260	..	..	..	0.160	..
76.	Opening of Government Dispensary at G. Madugol with emergency ward ..	0.319	..	0.104	0.065	0.150	0.136
77.	Mobile Medical Unit at Polavaram	0.460	..	0.104	0.270	0.080	0.094
78.	Improvements to Dispensary at Cherla and Hospital at Venkatapuram ..	0.142	..	0.022	..	0.035	..
79.	Opening of Dispensary at Thonam	0.350	..	..	0.107	0.200	0.029
80.	Conversion of Dispensary at Krishnadevipeta into 12 bedded Hospital for women and children and construction of quarters for staff	0.240	..	..	..	0.160	0.002
81.	Improvements to Hospital at Polavaram ..	0.453	..	0.163	0.220	0.050	..
82.	Mobile Medical Unit at Seethampeta	0.425	..	..	..	..	0.051

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Staff Scheme							
Improvements Scheme							
(*a*) Conversion of Dispensary into Hospital ..	No.	1	..	1	..	..	..
(*b*) Continuance ..	do	..	..	..	1	1	N.F.
Opening of Dispensary ..	No.	1	..	..	..	1	N.A.
(*a*) Opening of Dispensary	do	1	..	1	..	..	..
(*b*) Continuance ..	do	..	..	..	1	1	N.A.
(*a*) Opening of Mobile Medical Unit. ..	do	1	..		1	..	N.A.
(*b*) Continuance ..	do	..	..	..	..	1	N.A.
Dispensary and Hospital Improvement Scheme							
(*a*) Opening of Dispensary	do	1	..	1	..	..	..
(*b*) Continuance ..	do	..	..	..	1	1	1
(*a*) Conversion of Dispensary into Hospital ..	do	1	..	..	1	..	..
(*b*) Continuance ..	do	..	..	..	..	1	..
Improvements Scheme							
(*a*) Mobile Medical Unit ..	No.	1	..	..	1	..	..
(*b*) Continuance ..	do	..	..	..	..	1	1

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
83.	Construction of buildings for dispensaries and quarters for staff at Seethampeta ..	0.320	..	..	0.073	0.160	0.190
84.	Improvements to Government Hospital at Bhadrachalam and quarters for staff and electrification of buildings for Hospital ..	0.320	..	..	..	0.250	..
85.	Opening of Hospital at Bhadragiri (Elwinpet) ..	0.395	..	..	..	0.280	0.010
86.	Anti-malarial operations in Agency areas	19.512	..	4.512	5.340	5.000	3.647
87.	Maternity and child health centres in Agency areas ..	2.680	..	0.490	0.648	0.730	0.576
88.	Drinking water wells in Agency areas	6.482	1.521	1.241	1.737	1.240	1.217
89.	Aid to Voluntary agencies ..	1.900	0.243	..	0.076	0.900	0.560
90.	Miscellaneous	2.738	1.045	1.410	0.035	1.410	..
Schemes subsequently included :							
91.	Sanction of Personal Assts. to the Special D.E.O. for agency area at Kakinada	0.067	..	..	..	..	0.012
92.	Sanction of U.D.C. to the office of the Special D.E.O. for the agency areas at Kakinada	..	..	..	..	..	0.008
93.	Opening of Boarding Home at Kondamodulu in E.G.Dt.	0.164	..	..	..	..	0.039
94.	Conversion of subsidised hostels into Government Boarding Homes and increase in the rate of boarding charges from 41 nP. to 50 nP.	0.297	..	..	..	..	0.089

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Buildings Programme							
Improvements Scheme							
Hospital	No.	1	..	..	..	1	..
(*a*) Opening of new centres	No.	4	..	2	1	1	N.F.
(*b*) Maintenance of old centres	do	2	2	4	4	5	N.F.
Digging of wells ..	do	150	N.A.	45	30	30	N.F.
Financial Aid to agencies..	Rs. in lakhs	1.90	0.243	..	0.15	90	..
Staff Scheme							
Hostels	No.	..	..	..	..	..	1

No. targets

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
95.	Continuance of Government Middle School at Gummalaxmipuram model school upgraded into middle school	..	..	..	..	..	0.085
96.	Upgrading of Government Middle schools at Gummalaxmipuram and Dummagudem into High Schools	0.092	..	..	..	..	0.040
97.	Sanction of additional Deputy Inspector's Office in agency areas in five places	0.782	..	..	..	..	0.170
98.	Increase in the strength of boarders and construction of pucca buildings for the Government Boarding Home at Downuru in Vizag District	0.077	..	..	..	..	0.005
99.	Opening of free boarding home at Mondunkallu in Srikakulam Dist. for 40 students belonging to Scheduled tribes	0.075	..	..	..	..	0.026
100.	Increase in the strength of boarders belonging to scheduled tribes in the five Govt. boarding Homes at Cherla from 17 to 40	0.040	..	..	..	..	0.005
101.	Upgrading of Government Middle school at Paderu into High School	0.021	..	..	..	..	0.018
102.	Increase in the strength in the midday meal centre from 20 to 60 at Pidathamamidi	0.020	..	..	..	..	0.004
103.	Opening of Govt. free Boarding Home at Dummagudem	..	..	..	..	..	0.018
104.	Appointment of an agency agricultural officer, Vizag Dist. with necessary staff	..	..	..	..	..	0.305

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Upgrading of Schools	.. No.	..	..	..	..	..	2
Continuance of Hostel	.. No.	..	..	..	..	..	7
Opening of Boarding Home	No.	..	..	..	..	..	1
Increase in Boarders	.. No.	..	..	..	..	..	23
Increase in the No. of boarders ..	.. No.	..	..	..	..	..	40
Staff scheme							
do							

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
105.	Appointment of Addl. U.D.C. in the office of the Director of Agriculture to attend to the agency work	..	..	..	..	..	0.005
106.	Scheme for the distribution of Sweet Potato and tropical seed material	..	..	..	..	..	0.020
107.	Scheme for starting of six training camps ..	..	..	..	..	..	0.007
	Total for Andhra ..	191.05	15.55	15.27	51.73	48.16	54.085

*

XXV.

SUB-HEAD OF DEVELOPMENT.— *Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Research Scheme							
Opening of training Camps.	No.	..	..	..	..	..	6

STATEMENT

HEAD OF DEVELOPMENT.—*Social Services.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Telangana							
1.	Award of Scholarships ..	2.625	0.364	0.522	0.553	0.580	0.540
2.	Opening of Hostels ..	1.081	0.124	0.107	0.256	0.258	0.405
3.	Schools	0.660	0.011	0.027	0.129	0.196	0.203
4.	Aid to Private Hostels ..	0.147	..	0.022	0.003	0.050	0.008
5.	Demonstration Farms ..	0.528	0.049	0.012	0.122	0.093	0.105
6.	Supply of Plough bullocks ..	1.874	0.177	0.336	0.919	0.400	0.786
7.	Supply of seeds and implements	0.264	0.025	0.060	0.074	0.050	0.075
8.	Handicraft Centres ..	0.810	0.015	0.044	0.116	0.258	0.208
9.	Sericulture Scheme ..	0.311	..	0.089	0.074	0.074	0.134
10.	Training-*cum*-production Centre	1.844	0.181	0.073	0.344	0.626	0.494
11.	Co-operative Stores ..	0.392	0.038	0.096	0.091	0.066	0.064
12.	Forest Coupe Co-operative Society	1.920	0.150	0.150	..	0.560	0.420
13.	Supply of Sheep and Milk Buffaloes	0.600	..	..	..	0.300	0.194
14.	Colonisation (House) ..	2.838	0.210	0.055	1.399	0.875	0.999
15.	Roads	1.314	0.060	0.091	0.156	0.400	0.252
16.	Girijan Week	0.103	0.012	0.020	0.031	0.020	0.026

XXV.

SUB-HEAD OF DEVELOPMENT.--*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Award of Scholarships	.. No.	11,835	1,827	1,845	1,941	2,465	3,072
(*a*) Opening of Hostels	. ,,	3	1	2	..	..	..
(*b*) Continuance	.. ,,	..	..	..	..	2	3
Opening of Schools	.. ,,	20	1	8	6	8	14
Aid to be given	..Rs. in lakhs	0.147	..	0.022	0.040	0.050	0.008
(*a*) Opening of Demonstration Farm	.. No.	2	1	1	..	..	..
(*b*) Continuance	.. ,,	..	..	..	1	1	2
Supply of plough bullocks	. No. of pairs.	339	60	111	133	136	233
Families to be benefited	.. No.	500	70	120	100	100	146
Opening of handicraft centres	.. No.	16	1	3	4	5	10
(*a*) Opening of Sericulture Farms	.. ,,	1	..	..	1	..	..
(*b*) Continuance	.. ,,	..	..	..	1	1	1
(*a*) Production Centres (New)	.. ,,	2	1	..	..	1	..
(*b*) do (Old)	. ,,	..	..	2	2	2	3
(*a*) Co-operative Stores	,,	4	1	3	..	..	..
(*b*) Continuance	.. ,,	..	..	..	4	4	4
Coupe Co-operative Societies	.. ,,	5	1	2	..	2	2
(*a*) Sheep	.. No.	1,167	..	..	..	384	26
(*b*) Milk buffaloes	.. ,,	218	..	..	..	74	83
Colonies to be developed	.. .. No.	16	1	8	1	5	278 families benefited
Formation of Roads	Not fixed.						
No. targets							

HEAD OF DEVELOPMENT.—*Social Services.* (Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure.	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17.	Health	1.084	0.116	0.122	0.259	0.475	0.440
18.	Women's Welfare Centres .	0.547	..	..	0.137	0.200	0.094
19.	Administration ..	0.867	..	..	0.181	0.185	0.185
	Schemes subsequently added :						
20.	Maintenance of Ashram School at Salivada ..	..	..	..	..	..	0.029
	Total for Telangana ..	19.01	1.91	4.86	4.84	5.67	5.670
Grand Total for Andhra Pradesh .		210.06	17.46	20.13	50.57	53.83	59.755

XXV.

SUB-HEAD OF DEVELOPMENT.—*Welfare of Scheduled Tribes.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Digging of new wells	No.	59	11	11	8	28	45
(*b*) Repairs to old wells .	,,	101	13	20	16	20	13
(*a*) Womens' Welfare Centres ..	,,	2	..	..	2	..	..
(*b*) Continuance ..	,,	2	..	..	..	2	2
Maintenance of Ashram school ..	No.	..	..	..	..	..	1

CHAPTER XXIX

Women Welfare

During the year 1959-60, it was proposed to implement nine schemes designed to promote Women Welfare at an estimated cost of Rs. 5.57 lakhs. The annual provision was subsequently reduced to Rs. 4.471 lakhs in the revised estimates while the actual expenditure amounted to Rs. 3.16 lakhs.

A short review of the progress made under each of the schemes is given below :

Andhra

Opening of Service Homes :

Under this scheme it was proposed to give relief and protection to widows, destitute women, deserted wives and poor women in distress in the Service Homes. During the current year, it was proposed to open two Service Homes besides continuing the Service Home at Hyderabad and a sum of Rs. 2.03 lakhs was provided for this purpose in the annual plan. In May, 1959, one Service Home was opened at Anantapur and another Service Home for the benefit of Tribal Women was opened at Kannapuram. There were 152 Women and 20 Children as inmates in the three Service Homes and a sum of Rs. 1.11 lakhs was spent on this scheme.

Training of Field Staff :

The main object of this scheme is to train the Field Staff of the Women Welfare Department, in modern scientific methods of Social Work. The scheme also includes refresher courses for the trained personnel.

A sum of Rs. 0.43 lakh was earmarked for this scheme for training 31 persons, but only 26 field workers have undergone training during the year and a sum of Rs. 0.33 lakh was spent on this scheme.

Vocational Training Centres :

To meet the needs of educated unemployed girls of low-income groups, 4 vocational training centres were

started at Cuddapah, Eluru, Anantapur and Srikakulam during 1958-59. Training was given in various technical courses such as Typewriting, Stenography, Book-Keeping, Accountancy and Secretarial courses with the object of qualifying the above category of women for technical posts. A sum of Rs. 0.52 lakh was provided in the annual plan for 1959-60 for the continuance of the four Vocational Training Centres. Opening of another vocational training centre at Kurnool was sanctioned during 1959-60 within the above amount. Out of the 150 proposed to be trained in the various Vocational Training Centres, only 85 have undergone the training course in the five centres, but, the entire provision of Rs. 0.52 lakh provided for this scheme has been spent.

Expansion of Administration:

In order to successfully implement the schemes formulated for the Welfare of Women, additional staff appointed during 1958-59 was continued during 1959-60. A sum of Rs. 0.34 lakh was spent on this scheme.

Rehabilitation Programme :

This is a follow-up of Service Home scheme and covers the entire State. The object is to help and rehabilitate some of the women discharged from the Service Homes by giving them a small capital in order to enable them to eke out their livelihood. During the year 1959-60, 53 inmates of the Service Homes at Hyderabad and Anantapur were rehabilitated by absorbing them in such vocations as nursing, Gramsevika Training, Auxiliary Nurse, Midwives Training, Secondary Grade Training, Higher Grade Training, while some more women had appeared for various examinations. A sum of Rs. 0.02 lakh was spent on this scheme.

Improvement of existing branches :

To intensify the activities of the Branches of the department and to make them more purposeful, it was proposed to supply equipment and key materials worth Rs. 0.10 lakh during the year 1959-60. Against this, equipment and key materials worth Rs. 0.09 lakh were supplied to 12 branches of the Department.

Arundhati Saranalayam, Mahila Mandali, Allagadda:

During the year 1959-60, the entire provision of Rs. 0.11 lakh made available for the continuance of the

Anatha Saranalyam attached to Mahilamandali, Allagadda was spent. 20 inmates were admitted.

Telangana.

Opening of women welfare branches and continuance of Creches.

With a view to extend the activities of the Department in Telangana Region, it was proposed to open 10 women welfare branches in addition to the creche started previously for which a sum of Rs. 0.44 lakh was provided during 1959-60. Against this programme, nine branches were opened in all District Headquarters except Adilabad, and a creche was started in Narasingpur in Mahbubnagar district. The actual expenditure on this scheme amounted to Rs. 0.38 lakh.

Expansion of Administration:

Consequent on the transfer of Control of the Social Educational Organisers (Women) to the Women Welfare Department and the opening of new Women Welfare Branches programmed for the year, it was proposed to strengthen Administration at an estimated cost of Rs. 0.42 lakh. The actual expenditure on this scheme amounted to Rs. 0.34 lakh.

Statement XXVI shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT : *Social Services.* (Rs. in lakhs).

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ANDHRA.							
1.	Service Homes	..	..	0.02	0.36	2.69	1.11
2.	Training of Field Staff ..	..	..	..	0.25	0.38	0.31
3.	Vocational Training Centres ..		..	..	0.20	0.47	0.52
4.	Expansion of Administration.	12.78*	..	..	0.28	0.26	0.34
5.	Rehabilitation Programme including Social Assistance to the aged and infirm ..		..	..	..	0.10	0.02
6.	Improvement to existing Branches		..	..	0.24	0.10	0.07
7.	Anathasaranalayam Mahila Mandali, Allagadda ..		..	..	0.09	0.11	0.11
	TOTAL FOR ANDHRA ..	12.78	..	0.02	1.42	4.11	2.48
TELANGANA.							
1.	Opening of Women's Welfare Branches and Creches ..	Included under Andhra.	..	..	..	0.77	0.40
2.	Expansion of Administration ..	..	..	..	..	0.69	0.28
	TOTAL FOR TELANGANA ..	..	..	..	..	1.46	0.68
	GRAND TOTAL FOR ANDHRA PRADESH	12.78	..	0.02	1.42	5.57	3.16

XXVI

SUB-HEAD OF DEVELOPMENT: *Women Welfare.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*a*) Service Homes	.. No.	2	..	..	2	1	3
(*b*) Inmates:							
(i) Women	.. No.	300	..	..	28	172	152
(ii) Children	.. ,,	120	..	..	9	71	20
Training of Field Workers	.. ,,	44	..	..	21	30	26
(*a*) Training Centres	.. No.	4	..	..	4	Continuance.	5
(*b*) Candidates trained	.. No.	360	..	..	28	120	85
		Staff Scheme.					
Women benefitted	.. No.	150	..	..	6	50	53
Branches improved	,,	36	..	..	12	12	12
Admission of Inmates	.. ,,	30	..	..	20	Continuance.	Continuance.
(i) Women's Welfare branches.	No.	10	..	..	..	10	9
(ii) Creches	,,	1	..	..	1	Continuance.	1
					Staff Scheme		

* Includes Telangana Figures.

CHAPTER XXX.

Social Welfare.

In the programme for 1959-60, originally three schemes at a cost of Rs. 19.50 lakhs were included. But, during the course of the year, one scheme *viz.*, opening of Orphanages, Beggars Homes etc., was deferred while the following four new schemes were brought into the plan and implemented.

Name of the Scheme :

1. Opening of Borstal School at Visakhapatnam.
2. Opening of Junior Certified School for boys at Hyderabad.
3. Opening of Girls' Certified School at Hyderabad
4. Opening of Remand Home for Girls at Hyderabad.

Thus, by the end of 1959-60, six schemes were under implementation and on all these schemes a sum of Rs. 7.56 lakhs was spent till the end of March, 1960. An account of the progress made during 1959-60 in respect of each of the schemes is given below :

Andhra Pradesh.

Social Welfare Extension Projects :

An amount of Rs. 7.20 lakhs was allotted in the current year's plan towards the State's share of the cost of maintenance of the Welfare Extension Projects existing prior to 1959-60 and for opening 20 additional projects of Co-ordinated pattern of the Stage I Blocks. Against this, only a sum of Rs. 2.30 lakhs was spent and 7 Welfare Extension Projects—6 in Andhra and 1 in Telangana—were opened during the year under review. After Panchayat Raj the project could not be opened as planned as the Central Social Welfare Board and the State Government have not come to a common agreement as to the Status of the project implementing Committee.

Social and Moral Hygiene and After-care Programmes :

The programme for 1959-60 under this scheme consisted of opening of one After Care Home at Kurnool

for Women discharged from the Correctional Institutions, opening of one State Home and 14 District Shelters—11 for Women and 3 for Men—besides the maintenance of the State Homes and District Shelters already opened. Towards the State share of the cost of the scheme a sum of Rs. 6.32 lakhs was provided in the current years' plan. Against this, there was an expenditure of Rs. 2.48 lakhs till the end of March, 1960. As programmed one After Care Home was opened at Kurnool and only 2 District Shelters, one at Sangareddy and the other at Visakhapatnam were opened. The short fall is mainly due to the reduction in the target of opening of District Shelters from 14 to 4.

Opening of Borstal School, Visakhapatnam:

This is one of the new schemes included in the Second Five-Year Plan during the course of the current year. The scheme is intended for the establishment of one Borstal School at Visakhapatnam for the detention of adolescent offenders committed by the courts under Madras Borstal Schools Act. Towards this, a sum of Rs. 1.76 lakhs was sanctioned for expenditure during the year. Against this, a sum of Rs. 1.75 lakhs was spent and the building required for the school was constructed. All the Andhra inmates who were sent to Borstal School, Bellary in Mysore State were finally withdrawn from that centre and accommodated in the Borstal School at Visakhapatnam.

Opening of Junior Certified School for Boys at Hyderabad:

This is also one of the new schemes included in the Second Plan. Under this scheme, it was proposed to open one certified school at Hyderabad for the detention of the Juvenile Offenders committed under the Hyderabad Children Act which is in force in Telangana and the Madras Children Act which is in force in the Andhra Region. A sum of Rs. 0.30 lakh was sanctioned for expendiure on the establishment of the Institution. Against this, a sum of Rs. 0.29 lakh was spent and the institutions opened in March, 1960. The institution is expected to serve the needs of both the regions.

Opening of Girls Certified School, Hyderabad:

A sum of Rs. 0.02 lakh was allotted for this scheme during the course of the year for opening one Girls Certified School at Hyderabad for detaining the Juvenile Girls

committed under the Children Act by the Courts in Andhra Pradesh and give them vocational and educational training during their stay in the institution. As programmed a school was opened during the year at a cost of Rs. 0.03 lakh.

Opening of Remand Home for Girls, Hyderabad :

This is also one of the new schemes included in the Second Plan of Andhra Pradesh. The object of this scheme is to open a Remand Home for the detention of the girls remanded to custody by the courts instead of keeping them in sub-jails along with the adult male offenders. A sum of Rs. 0.02 lakh was sanctioned for this purpose. Against this, there was an expenditure of Rs. 0.01 lakh till the end of March, 1960 and as programmed the Remand Home was opened at Hyderabad on 2nd March 1960 and this is expected to serve the needs of the twin cities of Hyderabad and Secunderabad.

Statement XXVII show, the financial and physical targets and achievements, during 1959-60

STATEMENT

HEAD OF DEVELOPMENT. *Social Services.*

(Rs. in lakhs)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Exp.	1957-58 Exp.	1958-59 Exp.	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA PRADESH.						
1.	Social Welfare Extension Projects	19.00	0.95	1.77	2.04	7.20	2.50
2.	Social and Moral Hygiene and after Care Programmes ..	13.75	..	0.18	1.98	6.32	2.93
3.	(*a*) Orphanages	N.A.	..	..	..	2.89	..
	(*b*) Begger Homes ..	0.70	..	..	..	2.89	..
	(*c*) Administration ..	N.A.	..	..	..	0.20	..
	Schemes subsequently added.						
4.	Opening of Borstal School at Visakhapatnam	2.59	..	..	..	..	1.75
5.	Opening of Junior Certified School for Boys at Hyderabad.	3.79	..	..	..	..	0.29
6.	Opening of Girls Certified School at Hyderabad	0.55	..	..	..	..	0.03
7.	Opening of Remand Home for Girls, Hyderabad ..	0.32	..	..	..	..	0.01
	Grand Total	43.78*	0.95	1.95	4.02	19.50	7.56

* Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and/or

XXVII

SUB-HEAD OF DEVELOPMENT : *Social Welfare.*

Item.	Unit.	PHYSICAL TARGETS AND ACHIEVEMENTS.					
		Second Plan Target.	ACHIEVEMENT IN			Target. 1959-60	Achievement. 1959-60-
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Welfare Extension Projects.	No.	58	..	2	5	20	7
(*a*) State Homes	,,	5	..	4	..	1	3
(*b*) District Shelters	,,	20	..	2	4	14	4
Orphanages	,,	..	..	..	..	8	..
Begger Homes ..	,,	..	..	..	..	8	..
		Staff	Scheme.				
Opening of Borstal School	No.	1	..	..	..	..	1
Opening of J.S. School	,,	1	..	..	..	..	1
Opening of G.S. School	No.	1	..	..	..	..	1
Opening of Ramand Home	,,	1	..	..	..	..	1

schemes which are proposed to be taken up during 1960-61.

CHAPTER XXXI.

Development of Capital·

Consequent on the formation of Andhra Pradesh and shifting of Capital from Kurnool to Hyderabad, need arose for providing additional accommodation for Officers, Offices and staff at State Headquarters. A provision of Rs. 152.00 lakhs was, therefore, originally made in the Second Five-Year Plan for taking up capital construction works and this provision was enhanced to Rs. 175 lakhs during 1958-59. This has been further enhanced to Rs. 194.92 lakhs during 1959-60, due to inclusion of the new scheme of the construction of permanent secretariat building in the Second Five-Year Plan. During the first four years the following schemes were taken up and completed.

	Name of the Scheme	*Cost (Rs. in Lakhs.)*
1.	Construction of additional floor over the existing temporary Secretariat Building	4.66
2.	Extension to High Court Buildings	1.18
3.	Construction of Shed at High Court..	0.49
4.	Extensions to the existing Legislative Assembly building	1.14
5.	Improvements to Government and Private buildings	2.78
6.	Conversion of Jubilee Hall into Legislative Council buildings	1.06
7.	Air-conditioning the Legislative Council Hall	1.84
8.	Construction of 100 Junior Officers Quarters	18.81
9.	Construction of 1,000 staff quarters (Quarters completed ; roads in the colony are inprogress)	84.74

	Name of the Scheme	*Cost Rs. in Lakhs.*
10.	Additions and improvements to Raj Bhavan such as construction of staff quarters, garages, and Guest House.	16.50
11.	Construction of additional buildings at High Court	9.97

During the year 1959-60, an amount of Rs. 20.00 lakhs was provided for implementing nine schemes relating to the development of capital and a sum of Rs. 20.29 lakhs was spent on these schemes. The total expenditure during the first four years thus amounted to Rs. 159.21 lakhs. A short account of the progress made by each of these schemes is given below :—

Construction of additional floor over the existing temporary Secretariat Buildings:

The actual construction was completed prior to 1959-60 itself and the amount provided for during the year under review was for final payment of the Bills still pending. A provision of Rs. 0.15 lakh was made for the above purpose, and payment against this to an extent of Rs. 0.04 lakh were made during the current year.

Improvement to Government and Private Buildings :

In order to provide accommodation to the Heads of Departments and for providing necessary residential accommodation with all amenities to Government officials who could not be provided with Government residential quarters, repairs and improvements to certain Government and private buildings were effected during the first three years and during the year 1959-60, a sum of Rs. 0.20 lakh was provided for final payment of the bills. But no expenditure was incurred on this scheme during the year.

Construction of 100 *Junior Officers Quarters including extension of rear verandahs.*

Under this scheme it was proposed to construct 100 quarters for Junior Officers and all these quarters were completed by the end of March, 1959 itself. For making final payments on the works already completed a sum of Rs. 0.10 lakh was provided in the Plan for 1959-60 and payments were made to the tune of Rs. 0.14 lakh during the year.

Construction of Staff quarters and garages etc., to Raj Bhavan and Construction of a Guest House :

It was proposed to construct 90 'A' Type, 20 'B' type, 10 'C' type quarters, 6 garages, 5 drivers quarters and one Guest House during the Second Plan period and all these works were completed by the end of the fourth year of the plan at a cost of Rs. 13.73 lakhs. During the year under review a sum of Rs. 2.83 lakhs was spent against the budget estimate of Rs. 2.73 lakhs.

Construction of 1,000 *staff quarters.*

All the staff quarters were constructed during the first three years of the Plan, except laying of internal roads. A sum of Rs. 85.28 lakhs was spent on this scheme during the first three years. During the fourth year, against a Plan provision of Rs. 2.00 lakhs an expenditure of Rs. 4.25 lakhs was incurred on this scheme.

Construction of Family and Hostel Type Quarters for M.L.As.

Under this scheme, it was proposed to construct 76 Family type quarters, 64 hostel type quarters, 1 warden's quarter, 12 servants quarters and six garages. Out of this all the buildings except 24 Family type quarters were completed. During the first three years, a sum of Rs. 9.87 lakhs was spent on this scheme while in 1959-60, an expenditure of Rs. 7.58 lakhs was incurred.

Construction of additional buildings for High Court :

During the year under review, a sum of Rs. 4.59 lakhs was spent on this scheme. The works relating to the construction of additional buildings for the High Court were completed.

Improvements to Jubilee Hall to Convert into Upper House and air-conditioning the same.

Improvements to the Jubilee Hall were completed during the first three years of the plan at a cost of Rs. 1.90 lakh. During the year under review a sum of Rs. 0.69 lakhs was provided for air-conditioning this building and against this a sum of Rs. 0.68 lakh was spent. All items of work except installation of sound reinforcement equipment were completed.

Construction of 700 more Staff Quarters :

Though a sum of Rs. 2.00 lakhs was provided for the purchase of land etc., to construct 100 more staff quarters no expenditure was incurred during the year under review.

Improvements to Jubilee Hall to convert into Upper House and Air conditioning the same :

During the first three years of the Plan, improvements to the Jubilee Hall were completed at a cost of Rs. 1.90 lakhs. Though no provision was made for this scheme in the current years plan, a sum of Rs. 0.74 lakh was provided subsequently and against this an amount of Rs. 0.68 lakh was spent till the end of March 1960. During the year all items of work except installation of sound reinforcement equipment were completed.

Extensions to legislative Assembly.

During the first three years of the Plan, a sum of Rs. 0.17 lakh was spent towards the extensions to the Legislative Assembly. Though no provision was originally made for this scheme in the current year's plan, a sum of Rs. 0.08 lakh was spent on this scheme till the end of March 1960.

Statement XXVIII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Miscellaneous.* (*Rs. in lakhs*)

Serial No.	Name of the Scheme	Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
		FINANCIAL TARGETS AND ACHIEVEMENTS					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Construction of Additional floor over the existing temporary Secretariat Buildings	4.66	4.13	0.22	0.21	0.15	0.04
2.	Improvements to Government and Private Buildings	2.78	2.24	0.46	..	0.20	..
3.	Construction of 100 Junior Officers quarters including extension of rear varandhas	18.81	4.31	10.57	3.20	0.10	0.14
4.	*a.* Construction of Staff quarters and garages etc., at Raj Bhavan .. *b.* Construction of a Guest House.	16.50	0.71	7.68	2.56	2.73	2.83
5.	Construction of 1,000 staff quarters	34.74	2.49	60.93	17.61	2.00	4.25
6.	Construction of Family and Hostel type quarters for M.L.As.	22.40	..	0.34	9.53	7.34	7.58
7.	Construction of Additional Buildings to High Court ..	9.97	..	1.18	4.25	4.79	4.59
8.	Air conditioning the Upper House (Jubilee Hall) ..	1.84	..	..	1.01	0.69	0.68
9.	Construction of further 700 staff quarters	9.35	..	..	1.60	2.00	..
10.	Improvements to Jubille Hall at Public Gardens, Hyderabad	1.06	..	..	0.89	..	0.10
11.	Extension to Legislative Assembly	1.14	0.09	0.10	(—) 0.02	..	0.08
	Grand Total	194.92*	16.32*	81.50*	41.10*	20.00	20.29

* Besides the schemes listed this includes the figers for scheme completed earlier to 1959-60.

XXVII I.

SUB-HEAD OF DEVELOPMENT: *Development of Capital.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	1957-58	1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Buildings ..	No.	1	1	..	..	..	..
Improvements ..	..	..	..	..	..	..	..
Buildings ..	No	100	..	100	..	..	..
(*a*) Buildings ..	..	92	..	92	..	..	..
(*b*) Guest House ..	..	1	..		Under Construction.	Completed.	
Buildings ..	,,	1,000	292	708	..	..	..
Buildings ..	..	159	..	..	50	62	52
		2nd Phase work in progress.				Completed.	
		..	..	..	..	..	
(*a*) Acquisition of site ..	No. of acres.	60	..	..	..	60	..
(*b*) Buildings ..	No.	700	..	..	..	..	..
..	..	..	..	..	..	..	..

CHAPTER XXXII.

Municipal Roads and Development Works.

With a view to increasing the financial resources of the Municipalities and a few Urban Panchayats to enable them to provide additional Civic amenities to the Local public, a sum of Rs. 11.59 lakhs was provided in the Annual Plan for the year 1959-60 for assistance by way of long terms loans. Against this a sum of Rs. 11.33 lakhs was actually sanctioned. Out of this amount a sum of Rs. 10.08 lakhs was disbursed for the construction or improvements of 13 markets, 3 cart-stands and bus-stands, 4 buildings, 1 primary health centre and 3 roads etc.

Statement XXIX shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT: *Miscellaneous.*

(*Rs. in lakhs*)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Municipal Roads & Development works.	41.86	0.20	6.74	14.52	11.59	11.33
	Total ..	41.86	0.20	6.74	14.52	11.59	11.33

XXIX.

SUB-HEAD OF DEVELOPMENT.— *Municipal Roads & Dev. Works.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Markets	.. No.	30	1	7	13	8	13
(*ii*) Carts, Bus & Lorry Stands.	,,	20	..	5	3	8	3
(*iii*) Maternity & Child Welfare Centres.	,,	2	..	..	3	1	3
(*iv*) Buildings	.. ,,	6	..	2	3	4	4
(*v*) Roads	.. ,,	14	..	6	5	..	3
(*vi*) Latrines	.. ,,	1	..	..	1	..	1
(*vii*) P. H. Centres	.. ,,	..	..	..	..	..	2

CHAPTER XXXIII

Broadcasting

Installation and Maintenance of Community Radio Sets.

Andhra.

During the Second Plan period it was proposed to instal 5,000 Community Radio Sets in the Andhra Region of which 2884 sets were installed during the first three years of the Plan In the plan for 1959-60 provision for a net expenditure of Rs. 4.86 lakhs was made for the installation and maintenance of 820 additional sets besides maintaining those already installed prior to 1959-60. Against this programme, 934 sets, including 114 uninstalled sets during 1958-59, were installed during the year and 3,818 sets were maintained. For this purpose an amount of Rs. 6.37 lakhs was spent, but the receipts under this head amounted to Rs. 6.22 lakhs, thus working to a net expenditure of 0.15 lakh.

Telangana.

In the Telangana Region, it was proposed to instal 2,000 sets during the Second Plan period and 417 sets were installed during the first three years of the Plan. In the plan for 1959-60 provision for a net expenditure of Rs. 1.67 lakhs was made for installing 800 Community Radio sets and for the maintenance of the sets already installed prior to 1959-60. Against this programme, 612 community radio sets, including 83 sets which could not be installed during the year 1958-59, were installed during the period under review and 1,029 sets were maintained. There was a gross expenditure of Rs. 2.20 lakhs during the year on this scheme. The receipts under this head amounted to Rs. 2.09 lakhs and thus making to a net expenditure of 0.11 lakh.

Statement XXX shows the financial and physical targets and achievements during the year.

STATEMENT

HEAD OF DEVELOPMENT.—*Miscellaneous.* (Rs. in lakas)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Installation and Maintenance of 5000 C.R. sets (Andhra)	8.08	( ) 0.31	0.92	(- -) 0.10	4.86	0.15
2.	Installation and Maintenance of 2000 C.R. sets (Telangana)	3.64	..	0.43	0.28	1.67	0.11
	Total ..	11.72	(—) 0.31	1.35	0 18	6.53	0.26

XXX.

SUB-HEAD OF DEVELOPMENT.—*Broadcasting.*

Item	Unit	Physical Targets and Achievements					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Community Radio Sets	.. No	5,000	500	944	1,470	820	934
Do	.. ,,	1,200	..	19	398	800	934

CHAPTER XXXIV

Publicity

With a view to enthuse public opinion, enlist their whole hearted co-operation and active participation for the successful implementation of the Second Five-Year Plan an integrated programme of Publicity on the developmental activities through various media was initiated during the year 1956-57. To carry forward this publicity programme an amount of Rs. 6.80 lakhs was provided in the Plan for 1959-60 for the implementation of 11 schemes. During the year all these schemes were implemented and a sum of Rs. 4.55 lakhs was spent. The progress made under each scheme is given below :

Staff Schemes.—By the end of the year 1958-59, 19 Publicity Assistants, 19 peons, 12 Cinema Operators, 11 Drivers, 11 Cleaners and 8 Burrakatha parties were in position. Towards the continuance of this staff and to appoint some additional staff comprising 19 L.D.C.—cum—typists, 8 Cinema Operators, 9 Drivers, 9 Cleaners and 4 Burrakatha parties, a sum of Rs. 2.12 lakhs was provided in the Plan for 1959-60. But, this provision was subsequently revised to Rs. 1.43 lakhs against which a sum of Rs. 1.18 lakhs was spent till the end of the year. Late sanction and non-appointment of some of the additional staff proposed under the scheme is responsible for the short fall in expenditure.

Petrol and Running Charges.—A sum of Rs. 0.39 lakh was provided in the plan for 1959-60, to defray the cost of the petrol and other charges for the vans supplied so far to the District Collectors for plan publicity purposes. However, the actual expenditure on this account during the year amounted to Rs. 0.28 lakh.

Purchase of Mobile Publicity Vans.—A sum of Rs. 2.30 lakhs was provided in the Plan for 1959-60 for purcahsing 7 new publicity vans with equipment, construction of bodies over the two chasis purcahsed during the year 1958-59 and for defraying the outstanding bills. During the year 2 Station Wagons, 3 pick-up vans, two chasis and 18 projectors were purcahsed. The total expenditure on all these items amounted to Rs. 1.35 lakhs.

Purcahse of Audio-Visual Equipment in Mobile Publicity Vans.—A sum of Rs. 0,60 lakh was provided in the plan for 1959-60, towards the purchase of the Audio-Visual equipment (*viz.*, generators and electric turn tables for playing gramaphone records) to all the districts. Some portion of the equipment was not received from the firms and as such the equipment could not be provided to all the districts. A sum of Rs. 0.45 lakh was expended on the scheme during the period under review.

Films.—In order to produce Documentary films on the State's Five-Year Plan and Community Development activities and for the purchase of films on fertilizers produced by the Technical Co-operation Mission a sum of Rs. 0.44 lakh was provided in the Plan for 1959-60. But the films on fertilizers could not be procured during the year as they were not readily available in the regional languages. During the year three documentary films were produced against which a sum of Rs. 0.14 lakh was spent.

Exhibition.—Towards conducting exhibitions under the Second Five-Year Plan Publicity in Headquatrers and also in the districts a provision of Rs. 0.15 lakh was made in the Plan for 1959-60. During the period under review, the Department of Information and Public Relations participated in the All-India Industrial Exhibition held at Hyderabad during February-March, 1960. Cultural programmes including dances, dramas, etc., were also organised in the Exhibition theatre and these were largely attended to and appreciated by the people. A Kavi Sammelanam was also conducted which was attended by the distinguished Poets and Writers of the State. Exhibitions were also conducted at the District level by each district publicity Assistant. A sum of Rs. 0.14 lakh was spent during the year on the above items.

Song and Drama.—With a view to organising song and drama seminars at district headquarters and cultural programmes at State Headquarters and towards the remuneration charges to 'Burrakatha' parties a sum of Rs. 0.61 lakh was provided in the Plan for 1959-60. Song and drama competitions on the progress of Plan were organised in which a large number of students studying in Middle Schools and High Schools participated. Prizes consisting of Silver cups, Medals and Certificates

were awarded to the first three troupes according to their merits. Prizes were also awarded to the best actor or actress, organizer and musician of the troupes.

A cultural programme was conducted at State Headquarters in July 1959 in order to publicize the activities under the Plan through the medium of song and drama. Thirteen tape-recorders were purchased for distribution to the districts of West Godavari, Krishna, Guntur, Nellore, Cuddapah, Anantapur, Kurnool, Medak, Nizamabad, Karimnagar, Warangal, Mahbubnagar and Hyderabad. During the year 11 Burrakatha parties also functioned in publicising the plan activities and community development programmes through song and drama and they were paid remuneration at the rate of Rs. 300 per month for each group. Towards all this a sum of Rs. 0.26 lakh was spent during the year under review.

Information Centres.—With a view to set up some information centres on a Pilot basis at district headquarters, a sum of Rs. 0.05 lakh was provided in the Plan for 1959-60. During the year 10 centres were started as wings to the libraries in district headquarters of Visakhapatnam, East Godavari, Anantapur, Chittoor, Mahboobnagar, Karimnagar, Nalgonda, Nellore and Waranal and each centre was paid Rs. 80 per month. Publicity materials were supplied by the Directorate of Information and Public Relations and by the Directorate of Visual Publicity Department, Government of India, New Delhi, in order to make the people know the progress on Plan activity. A sum of Rs. 0.03 lakh was spent on this scheme.

Production of Literature.—With a view to bring out popular publications bearing on the States Plan and purcahse the publications issued by the Government of India and for defraying the outstanding bills, a sum of Rs. 0.85 lakh was provided in the Plan. for 1959-60. During the year a sum of Rs. 0.47 lakh was spent on this scheme.

Plan Publicity Week Celebrations.—Towards conducting Plan Week Celebrations at the State Headquarters and District Headquarters a sum of Rs. 0.18 lakh was provided in the Plan for 1959-60. During the period, a cultural programme was conducted at the Andhra Yuvathi Mandli at the Headquarters in order to publicize the activities of the Plan through Song and Drama. Various

kinds of posters, folders and booklets were distributed to the people. Towards all this a sum of Rs. 0.15 lakh was spent during the year.

Press Advertisements.—With a view to issuing Press Advertisements on the various aspects of the State's Second Plan an amount of Rs. 0.10 lakh was povided in the Plan for the year 1959-60. During the year Press Advertisements on important topics on suitable occasions were published in the Newspapers. The entire provision Rs. 0.10 lakh was spent during the year.

Statement XXXI shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT.—*Miscellaneous* (Rs. in lakhs.)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra	10.78	0.23	0.70	1.31	3.74	2.50
2.	Telangana	8.82	0.19	0.58	1.08	3.06	2.05
	Andhra Pradesh ..	19.60	0.42	1.28	2.39	6.80	4.55

XXXI

SUB-HEAD OF DEVELOPMENT.—*Publicity.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievement in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
No Targets envisaged.							

CHAPTER XXXV

Bureau of Economics and Statistics

The programme for the developmentof Statistics in the State during 1959-60 included 15 schemes at an estimated cost of Rs. 9.04 lakhs. During the year four schemes *viz.* the scheme for setting up a Public Finance Unit in the Bureau, Scheme for investigating the economics of Cottage and Small Scale Industries, scheme for the development of Industries and Labour Statistics and Scheme for Agro-Economic Research were not sanctioned for want of technical clearance from the technical working party of the Central Statistical Organisation, Goverment of India. Further no expenditure was incurred on the scheme for the crop estimation surveys on food crops and the expenditure on the scheme for the construction of additional building in the Bureau of Economics and Statistics was met by the Chief Engineer, (Buildings) from out of the savings of his department. Thus, the Bureau of Economics and Statistics incurred expenditure on only 9 Plan Schemes and this amounted to Rs. 3.98 lakhs, till the end of March, 1960. The progress under each scheme is detailed below :—

Planning Cell (including National Income Unit).

A unit for the assessment of the progress of plan schemes and a unit for the estimation of State's Income were established during the years 1957-58 and 1958-59 respectively and for the continuance of these two units during 1959-60, a sum of Rs. 0.75 lakh was provided in the Budget. Against this, a sum of Rs. 0.59 lakh was spent till the end of March, 1960 and the shortfall was due to non-filling up the posts of Deputy Director (Plg.) and Assistant Director (N.I.U.). During the year, the Planning Cell as usual has collected the data for the monthly, quarterly, annual reports and prepared the consolidated reports and submitted to the Government. The National Income Unit has prepared and published the Provisional Estimates of State Income for each of the years from 1952-53 to 1958-59 and with a view to finalising

those estimates, this unit is now collecting firm data on various items such as the earnings of the persons engaged in Small Scale Industries. Yield rates of minor crops, earning of persons engaged in different professions etc.

Scheme for Setting up of District Statistical Agencies :

With a view to co-ordinating the Statistical activities of the different departments of the State at the district level to improve the quality and timeliness of the data furnished by the primary reporting agencies and also to supervise the data amanating from the Development Blocks in the State, train primary reporting agencies and spot inspect the data, it was proposed to establish District Statistical Agency in each District. During the years 1957-58 and 1958-59, 8 District Statistical Agencies were established in the Districts of Warangal, Guntur, Anantapur, Visakhapatnam, Chittoor, Krishna, Hyderabad and Nizamabad. For the continuance of these 8 District Statistical Agencies besides the establishment of 12 District Statistical Agencies in the remaining Districts, a sum of Rs. 2.22 lakhs was provided in the Budget for 1959-60. As programmed the 8 District Statistical Agencies were continued but only 6 more District Statistical Agencies were set up during the year due to administrative and other reasons. A sum of Rs. 1.07 lakhs was spent on this scheme till the end of March, 1960.

Socio Economic Survey :

This unit was established in July 1958 for the collection of data on the Socio Economic conditions in the State in collaboration with the National Sample Survey. Data on households and their demograhpic features, consumer expenditure by households, employment, land utilisation, crop yields, household enterprises, small-scale industries etc., would be collected periodically through this survey. A sum of Rs. 2.43 lakhs was provided in the Budget for 1959-60 for continuing this survey. As against this a sum of Rs. 1.08 lakhs was spent till the end of March, 1960. As programmed the survey was continued and the State participated in the 15th round of N.S.S. on a full-matching basis covering 153 villages and urban blocks.

Inservice Training Unit :

With a view to impart training to certain categories of staff in the Bureau such as Computors, Investigators

etc., and the Progress Assistants in the Community Development Blocks in theoretical and applied statistics and departmental statistics, this unit was established in the Bureau during 1958-59. For the continuance of this unit during 1959-60 a sum of Rs. 0.17 lakh was provided in the Budget. Against this only a sum of Rs. 0.03 lakh was spent till the end of March, 1960 and the short fall was mainly due to not filling up of the post of Assistant Director. During the year 184 junior members of the staff of the Bureau and progress assistants were trained.

Administrative Intelligence Unit :

This unit was established in July, 1958 for the collection and preparation of the consolidated quarterly progress reports from the Community Development Blocks technical supervision of the work of the progress assistants in the Blocks and arrangements for their training programme in collaboration with the Inservice Training Unit. Towards the continuance of this unit during 1959-60, a sum of Rs. 0.21 lakh was provided in the Budget and against this a sum of Rs. 0.15 lakhs was spent till the end of March, 1960. During the year this unit has prepared one set of model graphs for 23 important items for the three quarters ended June, 1959, September, 1959, and December, 1959 in which the achievements in the Blocks of Warangal District, selected for this purpose, were compared with the District Average Achievements.

Crop Estimation Surveys on Non-Food Crops :

With a view to estimating the average yields per acre on a scientific basis, crop estimation surveys on principal non-food crops *viz.*, oil seeds (groundnut, sesamum, castor) Cotton, tobacco and sugarcan ewere initiated during 1957-58 and 4855 experiments were conducted till the end of March, 1959. A sum of Rs. 0.56 lakhs was allotted in the Budget for 1959-60 for conducting 4010 experiments. Against this a sum of Rs. 0.51 lakh was spent till the end of March, 1960 and 2440 experiments were conducted.

Establishment of a Machine Tabulation Unit :

With a view to processing the returns received under the Census of Manufacturing Industries and Labour Rules and also the data received under the various surveys conducted by the Bureau, a machine tabulation unit was

established in 1957-58. Towards the continuance of this unit during 1959-60, a sum of Rs. 0.16 lakh was allotted in the Budget. Against this, a sum of Rs. 0.10 lakh was spent till the end of March, 1960.

Sample Survey for the correct estimation of area and yield of Coconuts and Arecanuts :

With a view to estimating the correct area under Coconut and Arecanut crops in this State and the yield per acre and per tree besides the collection of information relating to cultural practices adopted, this scheme was started during 1958-59 at the initiation of the Indian Central Coconut and Arecanuts committee of the Government of India. Towards the continuance of the survey during 1959-60, a sum of Rs. 0.48 lakh was allotted in the Budget. During the year the survey was conducted in the Districts of Srikakulam, East Godavari, West Godavari and Anantapur where these crops are widely grown and 145 villages were covered. The expenditure on this scheme amounted to Rs. 0.37 lakh.

Family Living Surveys :

Consumer Price Index Numbers for working class are being compiled with 1943-44 as the Base for three centres in the Telangana area and with 1935-36 as base for two centres in the Andhra area. But as the pattern of family expenditure has undergone considerable change during the past two decades, the weights, which show the relative importance of the items of consumption based on earlier results of family living surveys have become out dated and it was therefore proposed to conduct fresh family living surveys under this scheme and a sum of Rs. 0.11 lakh was provided in the plan for 1959-60. As programmed family living surveys for working classes in six centres *viz.*, Visakhapatnam, Bodhan, Kagaznagar Rajhmandry, Adhoni and Warangal were conducted during, the year. A sum of Rs. 0.06 lakh was spent till the end of March, 1960.

Construction of additional building in the Bureau of Economics and Statistics :

It was proposed to construct an additional block at an estimated cost of Rs. 2.04 lakhs in the premises of Bureau of Economics and Statistics as the existing accommodation has become inadequate due to the appointment of a large number of Officers and Staff on the plan

schemes implemented by the department. In the Budget for 1959-60 a sum of Rs. 0.70 lakh was allotted for this purpose. But the expenditure during 1959-60 has been met by the (Chief Engineer, Buildings), from out of the savings of his department. The construction of the ground floor has come upto roof level by the end of March, 1960.

Statement XXXII shows the financial and physical targets and achievements.

STATEMENT

HEAD OF DEVELOPMENT.—*Miscellaneous.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	Financial Targets and Achievements					
		Second Plan provisions as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	ANDHRA PRADESH.						
1.	Planning Cell including the National Income Unit ..	2.24	..	0.38	0.53	0.75	0.59
2.	Scheme for setting up of District Statistical Agencies	4.32	..	0.02	0.50	2.22	1.07
3.	Socio Economic Survey ..	4.69	..	..	0.44	2.43	1.08
4.	Inservice Training Unit ..	0.23	..	..	0.04	0.17	0.03
5.	Administrative Intelligence Unit	0.48	..	..	0.06	0.21	0.15
6.	Crop Estimation Surveys on Food Crops	0.28	..	..	..	..	0.15
7.	Crop Estimation Surveys on Non-Food Crops ..	1.85	..	0.07	0.50	0.56	0.51
8.	Establishment of Machine Tabulation Unit ..	0.38	..	0.01	0.07	0.16	0.10
9.	Public Finance Unit ..	..	..	..	..	0.28	..
10.	Scheme for investigating the Economics of Cottage and Small Scale Industries ..	..	..	..	..	0.61	..
11.	Scheme for the development of Industries and Labour Statistics	..	..	..	..	0.22	..
12.	Sample Survey for the correct estimation of area and yield of coconuts and arecanuts	0.91	..	..	0.01	0.48	0.37

XXXII

SUB-HEAD OF DEVELOPMENT.—*Statistics.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in 1956-57	Achievements in 1957-58	Achievements in 1958-59	Target for 1959-60	Achievement in 1959-60
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
(*i*) Establishment of Planning Cell	.. No.	1	..	1	Contd.	Continuance.	Contd.
(*ii*) Establishment of National Income Unit ..	.. ,,	1	..	1	1	..	..
(*a*) Continuance of existing D. S. As.	.. ,,	..	..	..	3	8	8
(*b*) Establishment of District Statistical Agencies	,,	..	..	3	5	12	6
(*i*) Survey of Villages	.. ,,	..	..	..	108	..	216
(*ii*) Survey of Urban Blocks	,,	..	..	..	77	..	153
Training of District Statistical Officers and Statistical Assistants etc.	,,	..	..	..	85	..	184
Establishment of Administrative Intelligence Unit	.. ,,	1	..	1	Contd.	Continuance.	Contd.
Crop estimation experiments ..	.. ,,	..	4,183	4,116	4,025	4,010	6,098
Do.	.. ,,	..	..	2,036	2,819	4,010	3,982
Machine Tabulation Unit	. ,,	1	..	1	Contd.	Continuance.	Contd.
Public Finance Unit	.. ,,	1	..	..	..	1	..
..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..
Survey of villages	.. No.	..	..	..	3	..	145

STATEMENT

HEAD OF DEVELOPMENT.—*Miscellaneous.* (Rs. in lakhs.)

Serial No.	Name of the Scheme	FINANCIAL TARGETS AND ACHIEVEMENTS					
		Second Plan provision as revised last	1956-57 Expenditure	1957-58 Expenditure	1958-59 Expenditure	1959-60 Budget	1959-60 Expenditure
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13.	Family Living Surveys ..	0.19	..	..	..	0.11	0.06
14.	Construction of additional Building	2.04	..	..	..	..	0.70
15.	Scheme for Agro-Economic Research	..	..	..	..	0.04	..
	Total..	17.81*	..	0.50*	2.20*	9.04	3.98

*Besides schemes listed this includes figures for the schemes completed earlier to 1959-60 and/or

XXXII

SUB-HEAD OF DEVELOPMENT.—*Statistics.*

Item	Unit	PHYSICAL TARGETS AND ACHIEVEMENTS					
		Second Plan Target	Achievements in			Target for 1959-60	Achievements in 1959-60
			1956-57	1957-58	1958-59		
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Expenditure met by Chief Engineer (Buildings)	.. No.	1	..	..	..	1	..
Agro-Economic Research Unit	.. „	1	..	..	..	1	..

schemes which are proposed to be taken up during 1960-61.

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ERRATA.

Page No.	Line	*For*	*Read.*
7	10 line below	The number	The membership
24 & 26	Heading of Col. 5	Col. 5	Col. 3
24 & 26	Heading of Col. 8	Col. 6 to Col. 7	Col. 7 to Col. 6
24 & 26	Col. 11	Col. 9 to Col. 10	Col. 10 to Col. 9
26	33 Sr. No.	including Telangana Expenditure Statistics.	Bureau of Economics and Statistics.
44	8 from below	2.21	2.22
46	18 from below	0.15	0.16
47	14	0.21	0.45
68	21	0.98	0.99
107	10 line	68.09	68.16
107	12 line	48.32	48.48
107	14 line	19.62	19.68
114	2 line from below	3 jeeps	4 jeeps
155	17 line from below	1.01	1.08
165	8 line from below	2.21	2.28
166	1 line	0.52	0.46
166	15 line	3.05	3.07
166	13 line from below	2.13	2.17
166	2 line from below	2.93	2.82
167	7	0.02	0.13
167	14 line	0.81	0.82
167	22	0.19	0.23
167	8 line from below	0.34	0.35
168	25	0.06	0.04
169	4 line	0.52	0.55
169	13	0.32	0.31
170	2	0.40	0.39
170	11	0.37	0.41
170	20	0.46	0.45
170	6 line from below	0.11	0.09
177	9 line from below	lakhs 93.6%	lakhs or 93.6%
219	2 line	45	49
219	3 line	26	29
219	5 line	19	20

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Page No.	Line	*For*	*Read*
220	14 line	17.41	10.02
225	20 line	61.32	6.32
226	5 line from below	1.87	0.30
227	8 line	0.89	0.20
233	3 line from below	64.03	64.09
234	20 line	0.005	0.004
235	20 line	0.02	0.30
243	6 line	this sum	this, a sum
243	9 line from below	30.70	30.70
254	6 line	32.00	32.20
272	11 line	1.34	3.01
277	15 line	0.05	0.14
279	1 line	0.04	0.08
280	18 line	0.09	0.08
283	10 line	0.10	0.05
283	20 line	0.05	0.02
284	13 line	0.24	0.34
284	24 line	0.17	0.13
284	last line	3.48	2.40
289	6 line	1.14	0.99
289	18 line	0.36	0.35
289	30	0.43	0.40
289	last line	0.18	0.20
290	22 line	0.20	0.28
290	9 line from below	1.39	1.28
291	10 line	0.78	0.80
292	2 line	1.49	1.47
292	12 line	0.22	0.34
292	24 line	0.73	0.67
292	6 line from below	19.55	16.67
293	3 line	5.52	5.82
293	10 line	0.04	0.03
294	4 line	0.11	0.12
294	16 line	0.70	0.68
294	23 line	0.16	0.24
294	34	0.03	0.04
295	2 line	0.19	0.16

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Page No.	Line	*For*	*Read*
295	13 line	0.29	0.05
295	27 line	0.41	0.46
295	5 line from below	0.09	0.10
296	17 line from below	0.11	0.10
297	3 line from below	0.21	0.22
298	22 line	Manair	Salvai
298	32	0.22	0.24
299	24 line	0.01	0.10
300	9 line from below	58.59	59.60
301	8 line from below	0.02	0.06
306	29th scheme col. 8	1.48	0.48
326	15th scheme col. 8	..	14.49
337	17 line	166.27	195.90
337	17 line	98.19	127.54
337	18 line	68.08	68.36
337	3 line from below	2.27	3.06
339	10 line	2.08	2.09
346	6th scheme 8th col.	8.87	0.87
	7th scheme 8th col.	0.85	..
365	4 line	1.55	1.54
387	19 line	1.00	4.25
387	15 line	174.30	174.33
387	16 line	70.74	70.77
388	15 line from below	8.50	8.00
391	17 line	0.30	0.80
396	14 line from below	1.70	1.79
401	2 line from below	2.31	2.81
423	11 line from below	1.04	1.40
465	4 line	39.92	40.92
465	6 line	14.10	14.35
485	2 line	53.82	53.83
487	18 line	0.64	0.63
494	24 line	0.02	0.03
502	6 line	0.18	0.17
507	12 line from below	0.76	0.79
537	4 line from below	0.33	0.31

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Page No.	Line	*For*	*Read*
538	5 line from below	0.09	0.07
539	14 line	0.38	0.40
539	3 line from below	0.34	0.28
543	10 line from below	2.30	2.50
544	7 line	2.48	2.93
578	6th scheme column 7	..	0.15
578	6th scheme column 8 ..	0.15	..
580	14th scheme column 7	..	0.70
580	14th scheme col. 8	0.70	..