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BULLETIN

OF

The Inter-University Board, India

Vol. V

No. 2

AUGUST, 1933

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REPRESENTATIVES.

1. Prof. G. H. Langley, M.A., I.E.S., Vice-Chancellor, Dacca University, Ramna, Dacca (*Chairman*).
2. Sir Akbar Hydari, Nawab Hyder Nawaz Jung Bahadur, B.A., Finance Member, Executive Council and Member, University Council, Osmania University, Hyderabad, Deccan.
3. Prof. A. C. Woolner, M.A., C.I.E., Vice-Chancellor, The Panjab University, Lahore.
4. Principal A. B. Dhruva, M.A., LL.B., Pro-Vice-Chancellor, Benares Hindu University, Benares.
5. Diwan Bahadur Sir K. Ramunni Menon, Kt., M.A. (Cantab.), Vice-Chancellor, Madras University, Madras.
6. Prof. P. A. Wadia, M.A., Dean, Faculty of Arts, Bombay University and Professor of Philosophy and Politics, Wilson College, Bombay.
7. Rao Bahadur S. E. Ranganadhan, M.A., I.E.S., Vice-Chancellor, Annamalai University, Annamalainagar, Chidambaram.
8. Pt. Amaranatha Jha, M.A., Professor of English, Allahabad University, Allahabad.
9. Khan Bahadur Md. Abdur Rahman, B.A., LL.B., Vice-Chancellor, Delhi University, Delhi.
10. Dr. Sir S. Radhakrishnan, Kt., M.A., D.Litt., Vice-Chancellor, Andhra University, Waltair.
11. R. B. Ramsbotham, Esq., M.B.E., M.A. (Oxon.), B.Litt., F.R.Hist.S., I.E.S., Pro-Vice-Chancellor, Aligarh Muslim University, Aligarh.
12. Dr. E. P. Metcalfe, D.Sc., F.Inst.P., Vice-Chancellor, Mysore University, Mysore.
13. Lt.-Col. Dr. Sir Hassan Suhrawardy, O.B.E., M.D., F.R.C.S.I., D.P.H., Vice-Chancellor, Calcutta University, Calcutta.
14. The Hon'ble Justice Sir T. S. Macpherson, Kt., M.A. (Edin.), Bar-at-Law, C.I.E., I.C.S., Vice-Chancellor, Patna University, Patna.
15. Prof. A. C. Sen Gupta, M.A., Principal, Morris College, Nagpur.
16. The Educational Commissioner with the Government of India, Simla.
17. Prof. A. R. Wadia, B.A. (Cantab.), Bar-at-Law, Professor of Philosophy, The University, Mysore (*Secretary*).

BULLETIN

OF

The Inter-University Board, India

Vol. V

August, 1933

No. 2

ALIGARH MUSLIM UNIVERSITY.

Since the last issue of the Inter-University Board's Bulletin there has been no change of any note in the personnel of the University. The Vice-Chancellor, Dr. Syed Ross Masood, received the honour of Knighthood in the King-Emperor's Birthday Honours, 1933.

The Academic Council has recommended that the date of the long vacation should be changed and that the University should close on May 1st, re-opening on or about July 7th each year. The Council further recommends that a short vacation should be taken between September 15th and October 10th each year. It is expected that these changes will come into force in 1934. The effect will be to bring the Muslim University's vacations into line with those of other Universities in the United Provinces.

The proposed regulations governing the M.A. and M.Sc. (Previous) Examinations have been finally approved by the Court and forwarded to the Governor-General in Council for sanction. The University has been recognized as an associated Institution by Cambridge University.

No changes worth recording have been made in the syllabus of studies or in the system of examinations, but an Army Class for the preparation of candidates for the Indian Military Academy has been organized and will commence its duties with effect from October 1933. The University is considering carefully a scheme for the complete reorganization of the Muslim University School to meet the wishes of Musalman gentlemen who do not wish to send their sons to England or Europe at so early an age, and who wish to obtain an education for them which can at present be only found in certain private institutions in India.

No important endowments have been received during the period under review.

H. E. Rauf Bey visited the University in March and was given a most enthusiastic welcome. His lecture in the Union on the Turkish administration of non-Musalman subjects was of the deepest interest.

Professor Thompson of Allahabad University also delivered a valuable and stimulating lecture on the Present World Depression. The financial position of the University was examined by a Committee presided over by the Vice-Chancellor, assisted by Sir M. Yakub, Mr. Gholam Mahomed, and Dr. Zakir Hosain. These gentlemen at much cost of time made valuable recommendations of a searching and wide description which the Executive Council have adopted almost *in toto*.

A list of original work carried out in the University Departments:—

1. CHEMISTRY.

Dr. R. F. Hunter, M.Sc., Ph.D., D.Sc. (London), D.I.C., A.I.C.—

1. The Condensation of LL'-dibromo-dicarboxylic Esters with Thiureas and the Synthesis of Dithiazolidyl Imethane Derivatives. (With R. G. Atkinson. *Jour. Chem. Society*, 1932, 1579.)
2. The Interaction of *s-p*-Carbethoxyphenylalkylthiocarbamides with Bromine and a Note on the Effect of the *iso*-Butyl group on hydrotribromide formation in 1-Alkylaminobenzthiazoles. (With E. R. Parken, *Jour. Indian Chem. Society*, 1932, 9357.)
3. The Interaction of Arylthiocarbamides and Bromine (*Sir P. C. Ray Jubilee Volume of the Indian Chemical Society*.)
4. The Directive Effect of Substituents on the Thiazole Cyclisation of Diarylthiocarbamides, Part I. The Effect of Fluoro, Iodo, and Cyano Substituents on the Bromination of Mono-*p*-substituted Thiocarbanilides. (In the press of *Jour. Indian Chem. Society*.)
5. The Formation and Stability of Polybromide Derivatives of Heterocyclic Compounds, Part I. The Bromo-Addition Compounds of Diphenyl-*p*-thiohydantion and its *o*-Tolyl homologue. (With Mr. Omar Farooq. In the press of *Jour. Indian Chem. Society*.)
6. Tautomerism in the Light of Recent Investigations. (*Proc. Muslim Assocn. for the Adv. of Science*, 1932, 2, 1.)
7. The Single Electronic Linkage. (*Jour. Soc. Chem. Indus.*, 1932, 51, 939.)

Dr. R. D. Desai, D.Sc. (London).—

1. The Formation and Stability of Spiro-compounds, Part XIV. The Effect of methylocyclohexane ring on the carbon tetrahedral angle. (*J.C.S.*, 1932, 1047.)
2. The Chemistry of Alkylcyclopentanones, Part II. The Effect of methylocyclopentane ring on the carbon tetrahedral angle. (*J.C.S.*, 1932, 1065.)

3. Dihydroresorcinols, Part I. The Alkylation of Substituted Dihydroresorcinols. (*J.C.S.*, 1932, 1079.)
4. Investigation on Alkylaconitic Acids. (*J.C.S.*, 1932, 1088.)
5. The Chemistry of Alkylcyclopentanones, Part III. The Synthesis of 3'-Methylcyclopentane-spirocyclohexane-3:5-dione. (In the press.)

2. PHYSICS.

Dr. R. Samuel, Ph.D. (Gottingen). --

1. Absorption Spectra of Complex Salts (Contribution to the Theory of Co-ordinate Linkage I). (*Z. S. f. Physik*, 70, 43, 1931.)
2. Absorption Spectra of Sulphur-derivatives (Contribution to the Theory of Co-ordinate Linkage.) (Along with Dr. Lorentz. *Z. S. f. Phys.-Chem.*, 14, 219, 1931.)
3. Absorption Spectra of Complex Cyanides (Contribution to the Theory of Co-ordinate Linkage II). (With Advi Rao R. Despande. In the press. *Z. S. f. Physik.*)
4. Absorption Spectra of the Ions of Transition Elements (Contribution to the Theory of Co-ordinate Linkage III). (With Mujtba Karim. In the press.)
5. On the Dissociation and Band Spectra of Certain Molecules. (With H. Lessheim. In the press.)

3. MATHEMATICS.

Dr. D. D. Kosombi, M.A. ---

1. On a Generalisation of the Second Theorem of Bourbaki. (*The Proc. Academy of Sciences, U. P.*, Vol. I.)
2. Modern Differential Geometries. (*Ind. Jour. of Physics*, Vol. VII, pp. 159-164.)
3. On the Existence of a Metric and the Inverse Variational Problem. (*U. P. Acad. Proc.*, Vol. II, pp. 17-28.)
4. Affin-geometrische Grundlagen der einheitlichen Feldtheorie. (*Sitzungsberichte d-Preussischen Akademie, Wissenschaften*, 1932, pp. 342-345.)
5. On Differential Equations with the Group Property. (*Jour. of the Indian Mathematical Society*, Vol. XIX, pp. 215-219.)
6. Surla, Geometric Differential dans le calcul des Variations. (*Rendicontidella Reale Accademia dei Lincei.*)
7. Parallelism and Path-spaces. (*Mathematische Zeitschrift.*)

Further, a note in conjunction with Prof. E. A. Milne of Oxford has appeared in *Nature*, under the title: Expanding Universe.

4. GEOGRAPHY.

Dr. I. R. Khan, B.A., L.T., Ph.D. (London).—

1. An Atlas of the World containing many original maps.
2. An Economic Atlas of India, prepared from Geographical Data on the lines of the Agriculture Atlas of England and Wales.

ALIGARH,
21st *June*, 1933.

R. B. RAMSBOTHAM,
Pro-Vice-Chancellor.

ALLAHABAD UNIVERSITY.

PERSONNEL OF THE UNIVERSITY.

English Department.—Pt. Shivadhar Pande, M.A., Reader, who had been granted leave for about seven months on account of illness resumed his duties in the University in April 1933. On his return from leave Mr. Damriojha, M.A., reverted as Lecturer, and Mr. G. S. Chunekar, M.A., ceased to act as temporary Lecturer. Mr. K. K. Mehrotra, M.A., Lecturer, who had been on long leave out of India, resumed his duties in the University in March 1933. In the chain of arrangements in leave vacancies, Mr. Zafrul Ahsan Lari, M.A., worked as Officiating Junior Lecturer from 18th July 1932 to 6th February 1933 and the term of appointment of Mr. G. S. Chunekar, M.A., was extended up to 9th April 1933.

Sanskrit Department.—Dr. P. K. Acharya, M.A., Ph.D., D.Litt., Professor, has been granted leave out of India for four months in continuation of the summer vacation of 1933. Dr. Babu Ram Saksena, M.A., D.Litt., Reader, has been appointed to officiate, Dr. Umesh Misra, M.A., D.Litt., to officiate as Reader, Shastri Raghubar Mithu Lal, M.A., M.O.L., Junior Lecturer, to officiate as Lecturer and Mr. B. R. Abhyankar, M.A., Research Scholar, to do teaching work in the department for 6 periods a week, with effect from 18th July 1933, in each case.

Urdu Department.—Mr. Mohammad Hafeez Syed, M.A., Lecturer, who had been on long leave out of India for further study, resumed his duties in the University in February 1933. On his return Mr. Aejaz Husain, M.A., Officiating Lecturer, reverted to his post of Junior Lecturer and Mr. A. N. Baijal, M.A., Officiating Junior Lecturer, ceased to act as such.

Commerce Department.—Mr. M. K. Ghosh, M.A., B.Com., Reader, having returned from long leave in April 1933, Mr. B. G. Bhatnagar, M.A., who had been officiating for him, reverted to his post of Lecturer in the Economics Department.

Economics Department.—One of the Lectureships having been converted into a Readership, Mr. G. D. Karwal, M.A., has been appointed to the Readership. Mr. B. G. Bhatnagar, M.A., Lecturer has proceeded on leave out of India for eight months from the commencement of the summer vacation of 1933. Mr. Shankar Lal, M.A., has been appointed Officiating Lecturer in his place with effect from 18th July 1933. Dr. L. C. Jain, M.A., LL.B., Ph.D., Lecturer, who had been on long leave, has resigned his appointment with effect from 1st October 1933, the date on which his leave expires. Mr. Saraswati Parsad, M.A., who has been working as Officiating Lecturer, has been appointed permanent Lecturer in his place.

Law Department.—Mr. Durga Prasad Arora, M.A., LL.M. (London), temporary Lecturer, whose term of appointment terminated on 23rd April

1933, has been retained as temporary Lecturer for a further period extending to 17th July 1934.

Physics Department. - Mr. D. S. Kothari, who had been on long leave out of India for further study, resumed charge of his duties in the University in April 1933. On his return from leave the services of Mr. D. S. Jog, M.Sc., Officiating Demonstrator, came to an end.

Botany Department. Dr. Winfield Dudgeon, Ph.D., Part-time Lecturer, breathed his last in America, where he had gone on leave. The sad news of his death was received in the University on 4th January 1933. His post has been temporarily filled by the appointment of Mr. A. K. Mitra, M.Sc.

Courses of Study. The scheme of the examination for a Certificate of Proficiency in French or German has been revised. Owing to a technical objection it has not been possible to recognize the New Higher Diploma course of the Mayo College, Ajmer, as equivalent to the B.A. Examination of the University.

Ordinances. - A new ordinance prescribing an extra fee of Re. 1 a month for the additional English class for B.Sc. students has been passed. The existing ordinances prescribing the rates of fees to be paid to examiners have been revised and the rates reduced where possible. The ordinance relating to the attendance to be put in by students for admission to University examinations, the penalty for late payment of fees by students, the Delegacy and the appointment of teachers have also been revised.

Important Questions under Consideration. - The questions of the prescription of a regular course of study for the LL.M. Examination, the revision of the schemes for the B.A., M.A. and B.Sc. Honours degrees, the prescription of a regular course of instruction in Music and the grant of permission to teachers to appear at the University examinations are still under consideration.

Buildings. Sanction has been accorded for the construction of residential quarters for the Superintendent of Pt. Ganganatha Jha Hostel by the conversion of the quarters at present situated in the compound of the Sir P. C. Banerji Hostel at a cost of Rs. 3,000.

Endowments. Mr. Saligram Bhargava, M.Sc., Reader in Physics, has donated a sum of Rs. 2,000 in memory of his deceased mother for the construction of a cellar and room to the east of the X-Ray room in the University.

Miscellaneous. - On account of the eminent services rendered to the University by M. M. Dr. Ganganatha Jha, M.A., D.Litt., LL.D., Ex-Vice-Chancellor, the Chancellor has appointed him life member of the Court.

In April 1933 Dr. Shafaat Ahmad Khan, M.A., D.Litt., Professor of History, proceeded to England to attend the Joint Select Committee.

Pandit Amaranatha Jha, M.A., Professor of English, has been reappointed as the representative of the University to serve on the Inter-University Board for a further period of three years with effect from 1st April 1933.

Mr. K. K. Mehrotra, M.A., Lecturer in English, has obtained the degree of D.Litt. of the Oxford University, Mr. Mohammad Hafeez Syed, M.A., Lecturer in Urdu, the degree of Ph.D. of the London University, the degree of D.Litt. of the Montpellier University of France and the Teachers' Diploma of the Montessori Training College, London, and Mr. D. S. Kothari, M.Sc., the degree of Ph.D. of the Cambridge University.

The fee for admission to the examination for a Certificate of Proficiency in French or German has been raised from Rs. 5 to Rs. 10.

The emergency cut of 10 per cent from the salaries of the University employees drawing over Rs. 75 per mensem has been reduced to 5 per cent and that of 11 per cent from the salaries of the University employees drawing over Rs. 600 per mensem has been reduced to $5\frac{1}{2}$ per cent for the financial year 1933-34. University employees drawing upto and including Rs. 75 per mensem have been exempt from the emergency cut and will continue to enjoy this privilege. The emergency cut to be made from the remuneration to be paid to examiners of 1934 has also been reduced to 5 per cent.

AMARANATHA JHA,
Professor of English.

ANDHRA UNIVERSITY.

PERSONNEL OF THE UNIVERSITY.

Prof. Sir S. Radhakrishnan, Vice-Chancellor, having been deputed to attend the meetings of the International Committee on Intellectual Co-operation of the League of Nations, now being held in Geneva, Sir J. C. Coyajee, Professor and Head of the Department of History, Politics and Economics, has been appointed to perform the duties of the Vice-Chancellor for about nine weeks from 12th June 1933.

Mr. C. D. S. Chetti, whose term of office as Registrar of the University, expired on the 26th April 1933, has been re-elected as Registrar for a further period of 5 years.

The following additional teaching staff have been appointed with effect from July 1933 :—

UNIVERSITY COLLEGE OF ARTS, WALT AIR.

Mathematics Department. Reader, Dr. S. Chowla, Ph.D. (Cantab.)

Philosophy Department.—Lecturer, Dr. A. Purushottam, M.A., Ph.D. (London).

History, Politics and Economics Department.—Lecturers, Mr. H. N. Mukerjee, B.A. (Oxon.), M.A.; Dr. L. Sundaram, M.A., Ph.D. (London), F.R.Econ.S.

Telugu Department.—Pandit Mr. V. Ch. Sitharamaswami Sastri.

UNIVERSITY COLLEGE OF SCIENCE AND TECHNOLOGY, WALT AIR.

Physics Department.—Reader, Mr. S. Bhagavantam, M.Sc. (lately Lecturer).

Chemistry Department.—Lecturers, Dr. T. R. Seshadri, M.A., Ph.D.; Dr. Bh. S. V. Raghava Rao, B.A., A.I.I.Sc.

Technology Department. Lecturer in Chemical Engineering, Dr. N. R. Damle, M.Sc., Ph.D. (London); Lecturer in Mechanical Engineering, Mr. P. Govinda Krishnaya, B.E., D.I.C. (London).

TECHNOLOGICAL COURSES.

B.Sc. Honours course in Chemical Technology was opened in July 1933. During the current year first and second years classes will be organized.

SITES AND BUILDINGS, ETC.

The construction of permanent buildings for colleges and hostels is nearing completion and both the Arts and Science Colleges will be located in their permanent buildings before next September. A building to accommodate the power house, gas plant and workshop is nearing completion. Drainage

and sanitary work are in progress and the question of ensuring independent water supply is under contemplation.

DONATIONS.

Dr. B. Sahni, Professor in Natural Science, Lucknow University, Lucknow, and a member of the recent General Inspection Commission, gave a donation of Rs. 1,000 for instituting a prize in memory of his mother Srimathi Iswaradevi Sahni.

Mr. V. Somasundararao, Vizianagram, has transferred to the University share certificates of the Vizianagram District Co-operative Banking Union of the value of Rs. 700 for instituting a prize in his name.

GIFT OF BOOKS TO UNIVERSITY LIBRARY.

The Syndicate accepted with thanks the offer of Dr. S. R. U. Savoro, Deputy Director of Public Instruction, Madras, of a large and valuable collection of his books containing, besides various standard treatises on Mathematics and Physics, the collected works of some famous scientists and also almost complete runs of important journals and periodicals.

PUBLICATIONS.

During the period under notice the University has published the History of Sanskrit Literature—Vol. I—Vedic Period (in Telugu) by M. Suryanarayanasastri, Pandit, University College of Arts, Waltair.

IMPORTANT CHANGES IN STATUTES, ORDINANCES AND REGULATIONS.

The Statute governing the salary of the Registrar of the University has been modified fixing the salary at Rs. 500 25 600 25 700 with the proviso that subject to certain conditions, the salary may go up to Rs. 1,000 by annual increments of Rs. 50. New Statutes have been adopted prescribing academic robes for holders of Oriental Titles as in the case of degree holders. The Syndicate adopted Ordinances providing for the admission of students desirous of pursuing research in the various departments of the University. The Academic Council adopted amendments to Regulations providing for a practical test in the examination for the B.Ed. degree.

EXAMINATIONS.

The medical examinations of the University have hitherto been conducted by the Madras University along with its own examinations under a joint scheme. The University has decided to conduct its medical examinations independently of those of the Madras University from 1934.

GENERAL INSPECTION COMMISSION.

The General Inspection Commission, mentioned in the previous volumes of the Bulletin consisting of Prof. Sir S. Radhakrishnan, Vice-Chancellor (Chairman), Rao Sahib Dr. V. Ramakrishna Rao, Mr. R. Littlehailes, Dr.

Sir C. V. Raman, Dr. B. Sahni, Prof. K. Zachariah, Mr. J. Ramayya Pantulu and Mr. C. D. S. Chetti, Registrar (Secretary), inspected the affiliated colleges in January 1933. The report which is in two volumes has just been published. The first part contains a general survey of all the colleges while the second part contains detailed information about individual colleges.

DEPUTATION, ETC.

Prof. Sir S. Radhakrishnan, Vice-Chancellor, was deputed to represent the University at the ceremony of laying the foundation stone of the new Senate Buildings of the London University on the 26th June 1933.

SPECIAL LECTURES.

Dr. Rabindranath Tagore has accepted the invitation of the University to deliver Sir Alladi Krishnaswami Lectures during the current year.

EXTENSION LECTURES.

The Syndicate arranged for the delivery of a series of Extension Lectures under the auspices of the University at different centres in the University area. The following is a list of important lectures delivered during the period under report either under the auspices of the University or the colleges concerned : —

NAME OF THE LECTURER	SUBJECT	DATE ON WHICH THE LECTURE WAS DELIVERED.
<i>Noble College, Masulipatam</i>		
Dr. Sir C. V. Raman, M.A., Ph.D., D.Sc., LL.D., F.R.S., N.L.	The Molecular Scattering of Light.	17th January 1933.
<i>Government Arts College, Rajahmundry.</i>		
Prof. Sir J. C. Coyajee, B.A., LL.B	Indian Joint Stock Companies and Land Mortgage Banks.	12th February 1933. 13th February 1933.
Rao Bahadur Dr. T S Tirumurti, B.A., M.B.C.M., D.T.M. & H.	Tuberculosis : Its Nature and How to Combat it.	17th February 1933.
<i>V. R. College, Nellore.</i>		
Dr. Sir C. V. Raman	.. The Game of Chance.	16th January 1933
<i>Mrs. A. V. N. College, Vizagapatam.</i>		
Dr. M. O. Parthasarathy Ayyangar, M.A., D.Sc.	The Advantages of Research Work in the Field of Biology in India.	March 1933.
<i>Andhra Christian College, Guntur.</i>		
Prof. Sir J. C. Coyajee ..	.. Recent Banking Developments in India.	9th February 1933. 10th February 1933.
Prof. E. Richardson (George Washington University).	The Thought of the Recent Past, the Thought of the Present and the Thought of the Future.	December 1932.

NAME OF THE LECTURER.	SUBJECT.	DATE ON WHICH THE LECTURE WAS DELIVERED.
<i>Maharaja's College, Vizianagram.</i>		
Mr. V. V. Sarma, M.A , L.T.	.. Industrial Possibilities in Andhra Area	17th February 1933
<i>P. R. College, Cocanada</i>		
Prof. B. S. Roy, M A., B L.	.. The nearer you approach to knowledge, the better for you.	27th November 1932
Mr. Sambhunath Pal, M.Sc.	.. Life-work of Mendeleef, the Russian Chemist.	11th December 1932
Mr. G. Ramachandra Rao, M.A.	.. Organic Evolution.	22nd December 1932.
Mr. Kowta Satyanarayana, M.A.	.. A New View of Religion	24th January 1933.
Mr. V Narayanarao, M A , L T.	.. Constitutional Reforms in India in the 20th Century	29th January 1933
Mr. A Suryanarayana	.. Patriotism among the Andhras.	5th February 1933.
Prof Sir J C. Coyajee	.. Recent Banking Developments in India.	6th February 1933 7th February 1933.
Miss Brothers, M A.	.. Student Life in Oxford.	11th February 1933.
Mr. T. U. Chacko, B A., M Sc.	.. Man's Dependence on Plant Life	12th February 1933.
Mr. D. V. S. Prakasa Rao, B.A.	.. Andhra Student Life half a century ago	19th February 1933.
Dr M. A. Basir, M.B B S , Ph.D. (London).	Factors Influencing Growth.	23rd February 1933
Pandit Chalakamarti Lakshmi Narasimham.	Potanamatya—the Great Andhra Poet	26th February 1933
Mr. P. Sri Ramam, M A ..	.. Present World Economic Crisis.	5th March 1933.

AFFILIATED COLLEGES.

Andhra Christian College, Guntur.- A Practical Science Club has been started. It is divided into two sections, each of which does some practical work at allotted periods. Photography and Glass Blowing are being studied.

On the College Day on 25th February 1933, a Science Exhibition was organized when many interesting exhibits were on view ; an apparatus to illustrate the Raman Discoveries on Light that was exhibited deserves special mention.

Government Training College, Rajahmundry.-- The College is co-operating with the S. S. L. C. Board in the preparation of typical question papers illustrating the new technique in examining.

WALTAIR,
15th July, 1933.

C. D. S. CHETTI,
Registrar.

ANNAMALAI UNIVERSITY.

Personnel.—In the year under report the period of contract with Swami Vipulanandaji, Professor of Tamil, expired and arrangements are being made to appoint a suitable person as his successor.

Lectures.—In addition to the lectures, both extension and special, detailed in the previous report, a course of 4 lectures on “Indian Federation” was delivered by M.R.Ry. S. Satyamurti Avl., B.A., B.L., during the last term of the Academic year 1932-33.

Research and Publications. Number I of Volume II of the *University Journal* containing the results of research work by the teachers and research students of the University was published in April last.

In response to the notification announcing the award of a prize of Rs. 1,000 to the author of the best book in Tamil on Logic suitable for use as text-book in the Intermediate Classes, eleven manuscripts were received and the prize was awarded to Mr. K. R. Applachariar, M.A., L.T., Lecturer, Government College, Combatore. The accepted manuscript is expected to be published during this year.

Congresses and Confernces.—The following members of the teaching staff attended as representatives of this University and read papers at the congresses and confernces noted below :

Dr. B. V. Narayanaswami Naidu, The All-India Economic Conference at Delhi.

Dr. S. N. Chakravarti, The Indian Science Congress at Patna.

Prof. Swami Vipulanandaji, The 31st Conference of the Tamil Sangham, Madura.

Mr. S. Sivasankaranarayana Pillai, The Silver Jubilee Celebrations of the Indian Mathematical Society at Bombay.

Mr. L. K. Govindarajulu, Conference of Physical Directors at Madura.

Dr. M. O. Thomas, The Library Section of the All-India Educational Conference at Lahore.

Messrs. R. Ramanujachariar and C. T. Srinivasan, The All-India Philosophical Congress at Mysore.

The Indian Economic Association has accepted the invitation of the Syndicate of this University to hold its next annual conference at Annamalainagar in December 1933. Dr. B. V. Narayanaswami Naidu, Head of the Department of Economics, has been appointed Secretary of the Conference.

Dr. M. O. Thomas, Librarian of the University Library, has been unanimously elected President of the All-India Library Conference to be held in September next at Calcutta.

Diwan Bahadur A. Ramaswami Mudaliar, B.A., B.L., was appointed by the Syndicate to represent this University on the occasion of the laying of the foundation stone of the New University Buildings for the London University.

Academic Questions under Consideration.— The question of giving instruction in Hindustani as one of the languages under Part II and Economics as one of the optionals under Part III of the Intermediate course is under consideration.

The Syndicate has accepted the recommendation of the Academic Council to include Hindi as one of the languages to be taken under Part II of the Intermediate course. The necessary draft amendments to the Regulations will be placed before the Academic Council at its next meeting.

A scheme for the revision of the course of study and examination in Economics for the B.A. (Hons.) Degree is under consideration.

Archaeology has been included in the list of special subjects offered for the B.A. (Hons.) Degree Examination in Sanskrit Language and Literature and instruction in the same is being given.

General. An *ad hoc* Committee was appointed to examine the financial position of the University and to suggest retrenchment of expenditure wherever possible so that the resources of the University might be employed in the most economical and advantageous manner. The recommendations of the Committee are being placed before the Syndicate, Academic Council and the Senate.

Buildings: Library and Administrative Buildings.— The tender of Mr. Rajabather Mudaliar for the construction of the building at a cost of rupees three lakhs has been accepted and the site has been handed over to the contractor. The work of construction has commenced.

The construction of a Sports Pavilion at a cost of about Rs. 10,000 and a set of six quarters for the Office Staff at an estimated cost of about Rs. 13,000 has been completed.

Endowment. The Syndicate accepted an Endowment of Rs. 1,200 by Mr. A. Ramanatha Ayyar, B.A., B.L., Sub-Judge, Tinnevely, in memory of his late son, R. Subrahmanyam, a student of this University during 1929-1930, the interest on which is to be utilized for the award of a scholarship styled “The Subrahmaniam Memorial Scholarship” to a deserving student of the B.A. Class under certain conditions.

N. VISVANATHAN,

Registrar.

5th July, 1933.

BENARES HINDU UNIVERSITY.

IMPORTANT LECTURES BY DISTINGUISHED SCHOLARS.

The following Extension Lectures were delivered in the University by distinguished scholars during the period under report :--

SUBJECT.	NAME OF LECTURER.
International Organization with special reference to its effect on Nationalism.	Dr. Rupert Emerson, M.A., Ph.D., Professor of Government, Harvard University, U.S.A.
Education in Russia	Dr. Gyan Chand, M.A., Ph.D. (London).
Mohenjo-Daro	Mr. K. N. Dixit, M.A., Superintendent, Archaeological Survey of India, Eastern Circle.
Geographical Division of the World	Dr. Birbal Sahni, M.A., D.Sc., Sc.D., F.G.S., F.A.S.B.
The Atom and its Nucleus	Dr. D. M. Bose, D.Sc.
Evolution of Land and Life	Dr. T. V. M. Rao, D.Sc.
The Recent Researches at Bose's Institute	Professor N. C. Nag, M.A., F.I.C.

A large number of Extension Lectures were also delivered by members of the teaching staff in addition to the normal teaching work in the University. The following is a list of some of the important lectures :-

SUBJECT.	NAME OF LECTURER
The Problem of Untouchability	Principal A. B. Dhruva, M.A., LL.B.
Social Life in Elizabethan Age	Dr. U. C. Nāg, M.A., Ph.D. (Lond.).
Shakespeare Authorship Controversy	Do. do.
Philosophy of New Physics	Professor V. V. Narlikar, B.A. (Cantab.).
Relativity (A Series of Lectures)	Do. do.
The Awakening in China	Professor S. N. Bhattacharya, M.A.
Pathan Architecture	Professor Parmatma Saran, M.A.
Cultural Value of Philosophy	Professor P. B. Adhikari, M.A.
Federal Finance	Professor B. P. Adarkar, B.A. (Cantab.).
The Five Years' Plan in Russia	Professor K. P. Siphimalani, M.A.
The Student Life in Ancient India	Dr. A. S. Altekar, D.Litt.
Fascism	Professor S. V. Puntambekar, M.A. (Oxon.), Bar-at-Law.
Indian States and the New Constitution	Professor Gurmukh N. Singh, M.Sc. (Lond.), Bar-at-Law.
Indus Valley Script	Dr. Pran Nath, Ph.D. (Vienna), D.Sc. (London).

SUBJECT.				NAME OF LECTURER.
Vitamin in our Food Supply	..	..	..	Professor P. S. Varma, M Sc.
The Quantum Theory	..	..	..	Dr. B. Dasannacharya, Ph.D (Munich).
Life and Work of Faraday	..	..	..	Do. do.
Life and Work of Edison	..	..	..	Professor R. S. Jain, B Sc (Illinois), A.M.A., I.E.E.
Beyond the Atom	..	..	..	Dr. S. S. Joshi, D.Sc. (London).
Diamonds	..	..	..	Professor K. K. Mathur, B.Sc., A.R.S.M.
Wireless	..	..	..	Professor G. C. Mukherjee, M Sc.
The Measurements of High Temperatures	..	..	..	Professor N. P. Gandhi, M.A., B.Sc., A.R.S.M., A.I.M.M., D.I.C., F.G.S
How a Radio Valve Works	..	..	..	Professor P. K. Dutt, M A (Cantab.).

RESEARCH AND LITERARY PUBLICATIONS.

The following books have been published by the members of the staff :—

1. An annotated Edition of the Sanskrit Manuscript *Syadvadmanjari* by Principal A. B. Dhruva (Bombay Sanskrit and Prakrit Series).
2. *Rashtrakutas and Their Times* by Dr. A. S. Altekar, D.Litt.
3. *Constitutional History of England for Advanced Students* by Professor S. V. Puntambekar, M.A. (Oxon.), Bar-at-Law.
4. *History of the British Government in India* by Professor Gurmukh N. Singh, M.Sc. (London), Bar-at-Law.
5. *Indian Industry and Its Problems*, Vol. I, by Dr. H. R. Soni, M.A. (Edin.), D.Sc. (London).

IMPORTANT ACADEMIC QUESTIONS.

For some time past the question of the revision of the Regulations relating to the D.Litt. and D.Sc. courses has been under the consideration of the Senate. The matter was referred to a small committee which has recommended, *inter alia*, the institution of Ph.D. Degree as qualifying for the D.Sc. and D.Litt. Degrees. It is hoped that the Regulations will be finally passed by the Senate at its Annual Meeting to be held in the month of November, 1933.

CHANGES IN THE REGULATIONS.

The following important changes have been introduced in the Regulations :—

- (1) Up to this time Graduates in Commerce were not eligible for admission to the LL.B., B.T., and M.A. Courses. The Regulations have been amended and they are now eligible.

- (2) "Elementary Psychology" has been introduced as one of the optional subjects for the Intermediate Examination in Arts.

IMPORTANT ENDOWMENTS.

During the financial year ending with March 31, 1933, donations amounting to Rs. 86,350-12-0 were received, out of which Rs. 29,000 have been specifically endowed for scholarships, and Rs. 20,000 for the construction of a Hostel. In addition to the above donations H. H. the Nawab Saheb of Rampur, on the occasion of his visit to the University, was pleased to announce a non-recurring donation of Rupees one lakh and a recurring annual donation of Rs. 6,000 for endowing a Chair in Chemistry. The Vice-Chancellor approached H. H. the Maharaja of Tehri-Garhwal for extending his patronage to the University, and His Highness generously promised to pay a non-recurring donation of Rupees one lakh and a recurring annual donation of Rs. 6,000 for creating a Chair of Industrial Chemistry.

BENARES,
20th July, 1933.

G. P. MEHTA,
Joint Registrar.

BOMBAY UNIVERSITY.

The Rev. John McKenzie, on the expiry of his tenure of office as the Vice-Chancellor, proceeded on a furlough to Scotland and his place has been filled in by Mr. V. N. Chandavarkar, B.A. (Cantab.), Bar-at-Law, who has already made his mark in public life as the Mayor of Bombay.

Among the distinguished persons, who, at the invitation of the Syndicate, delivered series of lectures under the auspices of this University, Dr. V. V. Narlikar, an alumnus of this University, who is now at the Benares Hindu University, was the latest. He delivered a course of six lectures on "Relativity" and they aroused considerable interest among students of Higher Mathematics.

The University has now started by way of a research publication, a Journal of its own. It has completed its first year of existence and the experience gained during the period shows that such a forum for the research activities of this University was necessary.

During the past six months, the most important event in the annals of this University has been the initiation of an additional University Department in Chemical Technology, the scheme for the establishment of which had been under consideration for the past five years, with a history going even beyond this period. The Department will commence work in June 1934, and for the time being it will be located in the East Wing of the Royal Institute of Science which has been leased to the University by Government on certain conditions. Dr. R. B. Forster, Lecturer in Textile Chemistry at the University of Leeds, has been appointed the Head of the new Department and after coming to India some time in the month of November, he will undertake the work of equipping the department. In the initial stages, there will be training offered in Textile Chemistry and Chemical Engineering but it is hoped to open up courses of instruction in other branches of Technology as well. The Senate has sanctioned for the current year, a sum of Rs. 3 lakhs by way of a capital grant and it would have had to be much more but for the promise of certain endowments from the public of Bombay.

The syllabuses in Mathematics for the Matriculation, First Year and the Intermediate Examinations have been revised and a noteworthy change is the inclusion in the First Year syllabus of two papers in Descriptive Mathematics as alternatives to the regular course in Algebra, Geometry and Trigonometry. Similarly in the syllabus for the Intermediate Examination a paper in Statistics and Monographs has been prescribed as an alternative to the existing paper in Analytical Geometry and Solid Geometry.

The number of affiliated Colleges in recent years has shown a continuous tendency to rise. Last year, the Nowrosjee Wadia College at Poona was added to the list. This year there are added three more, *viz.*, a Law College at Kolhapur, an Arts College at Belgaum started by the Karnatak Lingayat Education Society, and the Chellasing and Sitaldas Upper Sind College at Shikarpur.

3rd July, 1933.

P. A. WADIA,
Dean of the Faculty of Arts.

CALCUTTA UNIVERSITY.

Our financial prospects in the past used to be far from cheerful. The University budget used to present a chronic deficit and we were compelled, though reluctantly, to restrict our activities. Even the Library and Laboratory Grants were not left untouched by economy measures. But a silver lining is at last perceptible in the gloomy sky. Our fee income has fortunately appreciated even in the midst of the world-wide depression and the Board of Accounts was able to present an almost balanced budget. But this wind-fall, welcome as it is, may be of a temporary character, and we must not build our hopes on it. The President of the Board of Accounts pointed out that it has not yet been possible to give full effect to the recommendations of the Organization Committee in the matter of giving annual increments to members of the Teaching Staff. Certain essential and accepted schemes, e.g., extension of the laboratories, adequate accommodation for the Press and provision for more air and light for the ministerial staff could not be given effect to and the financial position, though free from immediate anxiety, requires careful watching. For a long time to come, we shall have to rely on Government Grants and such financial aids as the distinguished sons of the premier Indian University may from time to time render to their *Alma Mater*. The example set by Sir Taraknath Palit and Sir Rashbehary Ghose has not been in vain and, during the last few months, the University received two princely endowments for the intellectual welfare of our students.

Dr. Harendracoomar Mookerjee is a well-known educationist and earned a well-deserved reputation as a Professor of English Language and Literature. For a decade or more he has been rendering very valuable services to his province and University as the Inspector of Colleges. The goods of this world seldom come to the teachers but Dr. Mookerjee is a lucky exception. He has made a gift of Rupees One Lakh and a half for creating an endowment in memory of his father, the late Mr. Lalchand Mookerjee, for sending properly qualified Bengali Protestant Christian students abroad for a course of theoretical and practical training in Technical, Industrial, Mechanical, Agricultural and allied subjects. We have reason to believe that this will not be the last gift of Dr. Mookerjee and non-Christian students will also profit by some of his future endowments.

Rai Bahadur Viharilal Mitra was a silent man of scholarly habits and retiring disposition. He studiously kept himself away from the noisy crowd and was seldom before the public eyes when alive. He made a princely bequest in favour of the Calcutta University in his last will and testament for the promotion of female education amongst Hindus in Bengal. The University will receive from his estate an annual donation of Rs. 48,000 and the Senate will be called upon to formulate a scheme for making the best possible use of this bequest as soon as probate is granted. The University

as the residuary legatee will possibly receive a considerable sum in addition to the above.

Two other donations received by the University may not be so valuable from a mere financial point of view but the donors have been doubtless actuated by the same laudable spirit as their more wealthy compatriots.

Babu B. Charam Day has forwarded to the University $3\frac{1}{2}$ per cent G. P. Notes of the face value of Rs. 2,800 for the award of one gold and two silver medals and Mrs. Kusumkumari Ghosh has made a gift of $3\frac{1}{2}$ per cent G. P. Notes of the face value of Rs. 4,500 for creating the following Endowments in memory of her deceased husband, Dr. B. K. Ghosh.

1. *Basanta Gold Medal* to be awarded annually by the Syndicate to the author of the best essay on some topic connected with public health.
2. *Basanta Lecture* : The University will arrange for the delivery of one or two lectures once every three years on some topic connected with Public Health and the lecturer will receive an honorarium of Rs. 300 for the same.

A new curriculum for Matriculation Examination and the proposal for the introduction of vernacular as the medium both for examination and teaching up to the Matriculation standard are now before the Government. The importance of this proposal cannot be over-emphasized and it is but natural that the Government should carefully consider the whole scheme before it is finally approved. Very probably a conference will be held in the Government House to examine the merits and demerits of the plan as it has been formulated by the University. The scheme, however, cannot be brought into operation as soon as the Government sanction is received unless the necessary text-books are ready. This will involve coining of many technical terms and the following Committee of Experts with Sir Rabindranath Tagore, N.L., as Chairman, has been appointed for this purpose :

Sir Rabindranath Tagore, *President*.

Sir Hassan Suhrawardy.

Sir P. C. Ray.

Prof. S. C. Mahalanobis.

Prof. K. N. Mitra.

Mr. Syamaprasad Mookerjee.

Maulvi Abdul Karim.

Prof. S. K. Chatterji.

Prof. H. K. Sengupta.

Prof. P. N. Ghosh.

Prof. Surendranath Sen.

Mr. Satischandra Ghosh.

Several Sub-Committees have already been appointed for scientific and literary subjects and Sir Rabindranath has taken up the task with his characteristic zeal and enthusiasm.

Rai Bahadur Dr. Dineshchandra Sen, the famous historian of Bengali Literature, has vacated the Ramtanu Chair. Sir Rabindranath Tagore has accepted a part-time Professorship in Bengali and Rai Khagendranath Mitra Bahadur, has been appointed Professor and Head of the Department of Indian Vernaculars. We cannot be too grateful to Sir Rabindranath for readily agreeing to serve the University in spite of his advanced age and multifarious duties. Rai Khagendranath Mitra Bahadur is not a stranger to us. He was Professor of Philosophy in the local Presidency College as well as a Lecturer in the Post-Graduate Department before he became Inspector of Schools, Presidency Division. His erudition in Vaishnava Literature is well known and he has earned great fame as a writer of Bengali fiction. His geniality and suave manners will go a long way to ensure smooth work in the department during a period of transition.

Sir Sarvapalli Radhakrishnan is still on leave. Prof. Hiralal Halder, who was appointed George V Professor of Mental and Moral Philosophy during the absence of Prof. Radhakrishnan, retired in May last. It is a matter of great satisfaction that as elected President of the Post-Graduate Council of Teaching in Arts, the famous Hegelian still continues his association with the department he served so long and well. Dr. Adityanath Mukherjee, formerly Principal, Sanskrit College and Registrar, Calcutta University, succeeds Prof. Halder in George V Chair.

We have also lost, let us hope temporarily, the valuable services of Prof. C. V. Raman who has recently been appointed Director of Indian Institute of Science, Bangalore. He is on leave and has not severed his connection with this University but, should the greater needs of Bangalore so demand, Calcutta will certainly not stand in his way and ungrudgingly make the sacrifice.

Sir Hassan Suhrawardy, our Vice-Chancellor, is now in England and will attend, on behalf of the University, the Foundation Stone Ceremony of the New Building for London University at London by H. I. M. the King-Emperor; and the British Empire Social Hygiene Congress in London to which he has been elected a delegate. The Vice-Chancellor will also take this opportunity of visiting different centres and furnishing report on the working of International Students' Self-help and Welfare Movement in Europe.

Prof. J. N. Mukherjee, D.Sc., returned in March after an absence of about a year on study leave. Professor P. N. Banerjee, D.Sc., Minto Professor of Economics, Professor P. C. Mitter, Ph.D., and Dr. H. Singh have left for Europe on study leave. Dr. B. B. Ray will shortly follow.

Mr. Jogeshchandra Chakravorti, M.A., has been appointed Registrar of this University in succession to Dr. Adityanath Mukherjee. As Assistant

Registrar, Mr. Chakravorti gave ample evidence of tact, ability and discretion, and earned the approbation of successive Vice-Chancellors. He brings to his office wide experience and intimate knowledge of the different departments and his popularity with his subordinates forms the best guarantee of his future success. Mr. Sudhanath Mukherjee, B.L., Inspector of University Messes, succeeds Mr. Chakravorti in the Assistant Registrar's Office, while Mr. R. O. Raha, formerly of the Young Men's Christian Association, takes up the duties of the Inspector of Messes.

No less than five Colleges have sought affiliation in Civics. This augurs well for the future citizens of India and shows how conscious they are of their coming responsibilities.

The Civics course has recently been revised and the students will henceforth have to deal with more topics than their predecessors were expected to study.

The University Press is as busy as ever bringing out fresh volumes on Literary and Scientific subjects. Among the latest publications, the following may be mentioned to illustrate the variety of problems at present engaging the attention of our teachers and research students :—

1. Kamala Lectures : Dr. Rabindranath Tagore.
2. Linguistic Speculations of the Hindus : Dr. Prabhatchandra Chakravarti.
3. Science of the Sulba : Dr. Bibhutibhushan Datta.
4. Indian Writers of English Verse : Mrs. Lotika Basu.
5. Some Bengal Villages : N. C. Bhattacharyya.
6. Western Influence on Bengali Literature : Dr. Priyaranjan Sen.
7. Studies in Indian Antiquities : Dr. H. C. Ray Chaudhuri.

Dr. P. N. Banerjee, Minto Professor of Economics, Dr. P. C. Mitter, Ghose Professor of Chemistry and Dr. B. B. Ray, Lecturer in Physics, have been awarded Ghose Travelling Fellowships for study abroad. All of them are scholars of recognized merit and teachers of great reputation and our students will derive much benefit from their labours at foreign seats of learning. Dr. J. N. Mukherjee, Khaira Professor of Chemistry, who was awarded Ghose Travelling Fellowship a year ago, has returned from Germany and we have no doubt that the Chemistry of Chlorides of which he is one of the foremost exponents, will soon witness some fresh advance.

Dr. Sir Syed Ross Masood, Vice-Chancellor, Muslim University, Aligarh, has been appointed Kamala Lecturer for 1933. The subject of his discourse is Educational Reconstruction of India. Among his predecessors in the Lectureship are Mrs. Naidu, Mrs. Besant, Mr. Srinivas Sastri, Dr. Rabindranath Tagore and Dr. Ganganath Jha. The Lectureship was founded by the late Sir Asutosh Mookerjee in memory of his eldest daughter Kamala Devi.

Mr. Girish Chandra Ghosh is popularly known as the Garrick of Bengal. But he was not merely a great actor ; Bengal has not yet produced a greater dramatist. His admirers have founded a Lectureship and Mr. Hemendranath Dasgupta has been appointed to deliver a course of lectures on the place of Girish Chandra Ghosh in Modern Bengali Histrionics and Drama.

Mr. K. V. Rangaswami Aiyangar has been appointed a University Reader. The subject with which he is expected to deal is " Indian Communism."

The undermentioned Scholars were admitted to the Doctor's Degree of this University :--

DOCTOR OF PHILOSOPHY.

Theses.

Mr. Krishnabinod Saha	..	..	1. Economics of Rural Bengal.
			2. Rent in relation to Price.
			3. Theory of barter and that of buying and selling.

DOCTOR OF MEDICINE.

Mr. Dhirendranath Ray	..	..	Ætiology of Naga Sore.
Mr. Subodhchandra Lahiri	..	..	Clinical and Experimental Investigations with the Ætiology of the Infantile Cirrhosis of the Liver.
Mr. Bidhubhushan Bhattacharyya	..	..	Clinical and Experimental Study on the Ætiology and Treatment of Rickets.

Mr. Bimanbihari Majumdar and Mr. Makhanlal Raichaudhuri have been awarded Premchand Roychand Studentship in Literary Subjects for carrying on original investigations in Modern Political Movements in India and Din Ilahi, respectively.

Victoria School, Kurseong, has been granted affiliation up to the I.A. Standard from the commencement of the session 1933-34. It is a Missionary Institution and will meet a long-felt need in one of our loveliest hill-stations.

Our congratulations to Dr. Kedarnath Das, Lt.-Col. W. L. Harnett and Mr. Narendranath Sen who have been honoured by His Majesty's Government on the Emperor's Birthday. Dr. Kedarnath Das, the veteran Principal of the Carmichael Medical College, is a well-known authority on Midwifery and he well deserves the Knighthood which His Majesty has conferred on him. Sir Kedarnath has been a Fellow of the Senate, and a Member of the Syndicate for many years. May he live long to enjoy the honour that has come so late.

Col. Harnett, who has been made a C.I.E., is a distinguished Member of the Indian Medical Service and a Fellow of the Senate.

Mr. Narendranath Sen has been carrying on the arduous duties of the Controller of Examinations with conspicuous success and well deserves the Rai Bahadurship which has been conferred on him. He has been lately doing the duties of Registrar as well and his geniality and charming manners have rendered him universally popular.

ZOOLOGY DEPARTMENT.

The Publications from the Zoology Department deal with a wide range of topics, such as, On the Malformation of the Vertebral Column and of the Pelvic girdle of *Microhyla rubra*. (*Anat. Anz. Bd. 75, Nr. 12-14, 1932.*)

The so-called Marsupial bone in a micro-chiropteran. (*Nature, Vol. XIII, No. 3277, p. 278, August 20, 1932.*)

On the Morphology of the Vertebral column of *Rhacophorus maxims* (*Current Science, Vol. I, No. 6, 1932.*) Published by Prof. H. K. Mookerjee.

Dr. H. N. Ray has published papers "On the Morphology of *Balantidium sushilii* and sp. from Rana Tibrina," in the *Jour. Royal Microscopical Society, 1932*, and "Myxosporidia from Indian Fishes" in *Nature, July, 1932*, and on "The Life Cycle of Two Species of 'Selenidium' from the Polychaite worm for *Totamilla reniformis*" (*Parasitology, Cambridge, Vol. 25, No. 2, April 14, 1933*).

Mr. D. Mukherjee is continuing his work on Insects and Pests ; the latter work has an important economic bearing (*vide Zoological Anz., Vol. 97, Nr. 11-12, 1932 ; Current Science, Vol. I, No. 7*).

CHEMISTRY DEPARTMENT.

As usual, a considerable number of papers has been published from the Chemistry Department and some of the topics taken at random are given below :—

PROFESSOR MITTER'S LABORATORY.

(a) "Synthesis of Alo-emodin" and "of Anthraquinones occurring in Nature". (*Jour. Indian Chem. Society, 375, 9, 1932, Sir P. C. Ray Commemoration Volume, 1933, p. 285.*)

(b) "Resin Acids. Part II," by J. C. Bardhan and S. C. Sengupta. (*Jour. Chem. Society, 1932, p. 2798.*)

PROF. J. N. MUKHERJEE'S LABORATORY.

Die elektrischen Eigenschaften Von Kolloiden, Parts I and II.

Die Erklärung der Aktivitäts- und Leitfähigkeits- messungen in Kolloiden Lösungen.

Kolloid Zeits, 1933, 62, 257 ; 63, 36, On the Mechanism of Coagulation of Colloids, by S. G. Chaudhuri and S. P. Raychaudhuri. (*Jour. Indian Chem. Society, Sir P. C. Ray Commemoration Volume*, 1933, 201.)

CALCUTTA,
12th July, 1933.

JNANENDRANATH MUKHERJEE.
SURENDRANATH SEN.

DACCA UNIVERSITY.

1. ADMINISTRATION.

Mr. K. Sahabuddin, Honorary Treasurer, rejoined his duties in the University on the 1st January, 1933, after the expiry of his leave. Khan Bahadur Naziruddin Ahmad, M.A., Registrar, Dacca University, rejoined his duties after the expiry of his leave in February 1933. He retired from Government service on proportionate pension, but his appointment as Registrar of the University has been continued till the age of retirement.

2. TEACHING STAFF.

The staff of the University has been improved materially by the accession of new members and by the increasing qualification of some of the existing members of the staff.

Mr. M. Hasan, M.A. (Cal.), B.A. (Oxon.), Bar-at-Law, Head of the Department of English, who was on leave during the session 1932-33, has since returned to the University after spending 14 months in Oxford and London where he did research work in Palaeography, Bibliography, Textual Criticism and English Tragedy of the 17th and 18th centuries.

In the Department of Economics Dr. H. L. Dey, M.A. (Cal.), D.Sc. (Lond.), has joined as a temporary Reader in Economics in the place of Dr. J. C. Sinha, who has joined the Presidency College, Calcutta. In the same Department distinction has come in the form of a Doctorate of Philosophy to Mr. K. B. Saha, Lecturer.

In the Department of History, the temporary vacancy caused by the departure of Mr. S. C. Sarkar has been filled by the appointment of Dr. Mahmood Hussain, Dr.Phil. (Heidelberg), as Reader.

A series of papers embodying the results of the investigations of Mr. K. S. Krishnan, M.Sc., Reader in Physics, on "Magne-chrystalline Action" are being published in the Philosophical Transactions of the Royal Society of London. Mr. Krishnan has recently been appointed to the Mohendralal Sircar Research Professorship by the Committee of Management of the Science Association, Calcutta. His departure will undoubtedly be a great loss to the Department of Physics.

Mr. R. G. Basak, well known for his researches in Epigraphy and Indian History, has just been awarded a Doctorate of Philosophy in the University on the thesis entitled "The History of North-Eastern India extending from the Foundation of the Gupta Empire to the Rise of the Pala Dynasty of Bengal c. 320-750 A.D." He is reverting to the British service as Professor of Sanskrit in the Presidency College, Calcutta. Mr. Basak has been in the service of the University ever since its foundation in 1921 and has been a

valuable member of the department not only as a teacher, but also latterly as the Secretary of the MSS. Committee.

Mr. P. C. Lahiri, Asst. Lecturer in Sanskrit, who went to England as a Government of Bengal Scholar for the Scientific Study of Sanskrit, has returned with a degree of Ph.D. of the London University with a thesis of "Word Order in Indo-Aryan". It is a matter of gratification to note that he has been appointed to the Lectureship vacated by Dr. R. G. Basak.

In the Department of Persian Mr. W. A. Sadani, who was on study leave at the London University, has returned after almost completing a work upon which he has been engaged.

Mr. A. Aziz, M.A., was appointed Lecturer in Arabic and Islamic Studies in the place of the late Shams-ul-Ulama Munawar Ali during the period under review. It is a matter of sincere regret that the Shams-ul-Ulama should pass away so soon after his retirement from the University.

The Assistant Lectureship vacated by Mr. K. C. Mukherjee in the Department of Philosophy has been filled by the appointment of Mr. R. R. Sarma, who had been officiating in the post for nearly two years.

The Teachers' Training College, Dacca, has suffered a serious loss by the premature retirement of Dr. M. P. West, who had been the Head of the Department of Education in the University since its foundation. He has since joined the staff of the Ontario College of Education, Toronto. Prof. G. B. Bhattacharyya continued to act as the Head of the Department in his place.

Mr. H. D. Bhattacharyya, Head of the Department of Philosophy, has been appointed Stephenos Nirmalendu Ghosh Lecturer in Comparative Religion for 1934 in the Calcutta University and is the first Indian to be so elected to this Lectureship.

3. ACADEMIC ACTIVITIES.

The Doctorate theses of Dr. R. G. Basak and Dr. B. N. Roy are ready for publication by the Oxford University Press and are expected to be issued shortly. The Doctorate thesis of Dr. Parimal Roy on 'India's Foreign Trade since 1870' has been accepted by Messrs. Routledge & Co. for publication. The Doctorate thesis of Dr. H. L. Dey was published during the period under review by Messrs. George Allen & Unwin. Further, the Doctorate thesis on 'The History of the Paramaras' by Dr. D. C. Ganguli will be published soon as a Bulletin of the University. Dr. Ganguli was a research student of this University and completed his work at London and obtained the Ph.D. degree.

The University has already published a Mediæval Bengali Epic named "Harivamsa" by Bhavananda, edited by the late Satish Chandra Roy, M.A., an erudite Bengali scholar.

The different Societies attached to different departments of study carried on their activities as usual with vigour and a number of important papers were read. In addition to these a number of Public Lectures were delivered in the Curzon Hall and other places during the cold weather of the session 1932-33.

The following public lectures were delivered during the cold weather of the session 1932-33 at 6-30 P.M. on dates noted against each :—

NAME OF LECTURER.	SUBJECT.	DATE.	PLACE.
1. Mr. S. V. Ayyar, M A. .	The Problem of an All-India Federation.	13th January, 1933	Curzon Hall.
2. Prof. N. N. Ghosh.	Draupadi.	6th February, 1933.	Jagannath Inter. College.
3. Mr. H. D. Bhattacharyya, M.A , B L.	Hypnotic Phenomena.	10th February, 1933.	Curzon Hall.
4. Prof. J. W. Fuck, Ph D.	German Architecture after the War.	21st February, 1933.	Do.
5. Dr. S R. Khastgir, D Sc., Ph.D	Wonders of the Wireless World	24th February, 1933.	The Chemistry Lecture Theatre.
6. Mr. Charu Chandra Banerjee, M A.	Guru Nanak.	3rd March, 1933.	Curzon Hall

4. GENERAL.

The financial condition of the University continues as before and during the period under review the employees of the University agreed to make on certain conditions a voluntary sacrifice of a sum equal to 5 per cent of the total salary drawn by members of the staff with a salary above Rs. 100 a month. Effect could not be given last session but it is expected that with effect from the present session the voluntary sacrifice will be in force and that it will be introduced retrospectively as from the first of April last.

Towards the end of the last session the stabilization of the Commerce Department was before the Councils of the University and it is hoped that early this session satisfactory provision will be made for the department.

5. CHANGES IN THE ORDINANCES.

In view of the large number of changes that have been made in the Ordinances and Regulations of the University, the Executive Council ordered the reprinting of the amended body of rules and it is expected that early this session the revised Ordinances and Regulations will be available. The most notable changes are :—

- (1) The abolition of Time-limit for ordinary B.A. candidates who are now permitted to retain their names on the rolls of the University on payment of a small annual fee.

- (2) The abolition of Preliminary M.A. examination with immediate effect in all departments in the Faculty of Arts with the exception of Mathematics. In future there will be a two years' M.A. course with 8 papers for graduates who have not passed with Honours in the Dacca University or at a University with a three years' Honours course.

In all departments except Economics a general and a specialized course (with different groups) have been provided for the M.A. degree and the University is considering the possibility of substituting a thesis for one or more papers of the special course.

- (3) The institution of a regular course in Pass Bengali with effect from the session 1933-34, which may be taken as a 3rd subject along with other subjects except Arabic, Islamic Studies, Persian and Sanskrit.
- (4) The withdrawal of restriction of admission on Group C Intermediates of the Dacca Board. This will enable Intermediate students who had Islamic subjects as their major group to take up any general course of instruction in the University.

DACCA,
17th July, 1933.

N. AHMAD,
Registrar.

DELHI UNIVERSITY.

On the invitation of the University, the annual session of the Indian Economic Association was held in January 1933 in the Convocation Hall of the University. The Hon'ble Mian Sir Fazl-i-Husain, K.C.I.E., Pro-Chancellor of the University, opened the session and addressed the members.

Lectures.—The annual Sir Kikabhai Premchand Readership Lectures in Economics were delivered during February-March this year by Professor C. N. Vakil, M.A., of the Bombay University. The subject of the lectures selected by him was "The Economic Consequences of the Round Table Conference". The topics dealt with by the Lecturer and other details are given below :—

SUBJECT	PLACE.	DATE
I. The State and Economic Life	Hindu College.	27th February 1933.
II The Federal Constitution : Constituent Units (a) The Provinces	St Stephen's College.	28th February 1933.
III. The Federal Constitution . Constituent Units (b) The Indian States	Do	1st March 1933
IV The Federal Constitution . The Central Government	Do.	2nd March 1933.
V Financial Resources of the Units and the Centre ..	Do	3rd March 1933.
VI. Productive Activities in Rural Areas	Hindu College	17th March 1933.
VII. Productive Activities in Urban Areas	Do.	18th March 1933.
VIII. Transport as an Aid to Production	Do.	20th March 1933.
IX. The Credit of India	Do.	21st March 1933.
X. Economic Outlook in Federal India	Do.	22nd March 1933.

Convocation. The Annual Convocation of the University was held on the 25th March 1933. The Hon'ble Mian Sir Fazl-i-Husain, K.C.I.E., Pro-Chancellor of the University, presided. The Convocation was addressed by Khan Bahadur Md. Abdur Rahman, B.A., LL.B., the Vice-Chancellor, Sir George Anderson, Kt., formerly Director of Public Instruction, Punjab, and the Pro-Chancellor. The details of the degrees conferred at the Convocation by the Vice-Chancellor are given below :

	B A Pass.	B A. Hons.	M A	B Sc Pass.	LL B.
St. Stephen's College	28	12	12*	4	..
Hindu College	39*	5	13	11	..
Ramjas College	14	1	2	2	..
Anglo-Arabic College	7	..	..	..	..
Ex-Students, Teachers and Private	7	..	2	1	2
University Law Classes .. .. .	..	..	..	..	21
TOTAL ..	95	18	29	18	23

*Includes two women in each case.

Of the four candidates selected for the I.C.S. at the competitive examination held in January 1933 in Delhi, two are graduates of the Delhi University.

Colleges.—An addition has recently been made to the number of Intermediate Colleges recognized by the University. Permission has been accorded to the Jat High School, Khera Garhi, to open Intermediate classes subject to certain conditions imposed by the University. The Statute recognizing the Institution as an Intermediate College of the University has received the assent of the Governor-General in Council. It is expected that the College will start work early in October after the long vacation.

The number of women students in the Indraprastha Girls' Intermediate College and in the degree and post-graduate classes in the men's colleges has been steadily increasing and the need for a degree college for women has been felt for some time. The Indraprastha Girls' Intermediate College accordingly applied early in 1933 for permission to open degree classes and recognition as a degree college of the University. The college has already made arrangements for an adequate teaching staff, building accommodation and necessary equipment. At an inspection of the college conducted recently by a Committee appointed by the University, the college submitted a statement showing its present financial position which was considered satisfactory. It is hoped that the college will soon be allowed to open B.A. classes.

University Site.—The long pending question of a permanent site for the University and the colleges has recently been settled by a decision of the Government of India to transfer the Old Viceregal Lodge to the University and to allot sites on the Estate to the colleges. It is expected that the University will soon be able to move its offices, library and laboratories to its new and permanent home.

DELHI,
13th July, 1933.

N. K. SEN,
Registrar.

LUCKNOW UNIVERSITY.

I. The following Extension Lectures were delivered during the Period ending 30th June, 1933.

DATE.	NAME OF LECTURER.	SUBJECT.
1. 8th December, 1932 ..	.. Dr. H. L. Dey, M.A., D.Sc. (London), P.R.S.	“Some Neglected Considerations on the Ottawa Pact.”
2. 17th December, 1932	.. Dr. B. M. Sharma, M A , Ph.D.	“The Indian Federation.”
3. 21st December, 1932	.. Dr. Hellmuth de Terra, Professor and Research Associate in Geology, Yale University, U S A.	“A Scientific Exploration in Kashmir and Ladakh.”
4. 20th February, 1933 ..	.. Mr. Vankataraman	“Literature and Democracy”
5. 21st February, 1933 ..	.. Do.	“Modern Indian Literature.”
6. 7th March, 1933 ..	.. Dr. Radha Kumud Mookerji, M.A , Ph D , P.R.S	“Mauryan Imperialism”
7. 8th March, 1933 ..	.. Do.	“Mauryan Monuments.”
8. 25th March, 1933 ..	.. Dr. H. G. D Mathur, B Sc, M B B S, M R C.P., D.T.M &H., Dr.P.H.	“Side-lights on the Discovery of Vaccinations.”

II. List of Original Papers, etc., by Members of the University during 1932.

A. FACULTY OF ARTS.

I. DEPARTMENT OF ENGLISH.

PROFESSOR N. K. SIDHANTA.—“The Short Stories of Tagore.” (*India and The World*, September 1932.)

DR. A. V. RAO.—“The Teaching of English in Indian Universities.” (Communicated to the All-India Educational Conference, 1932, Lahore. (Also published in *The Hindu Literary and Educational Supplement*, 26th December 1932.)

II.—DEPARTMENT OF PHILOSOPHY.

DR. N. N. SEN GUPTA. “‘Self’ in the light of recent Psychology.” (*Proceedings of the Indian Philosophical Congress*, Patna, 1931.)

MR. E. AHMAD SHAH.—(1) “Appearance and Reality in Sankara’s Philosophy.” (*Proceedings of the Indian Philosophical Congress*, Patna, 1931.)

(2) "Philosophical Approach to God": A course of three lectures given as 'Asram Studies, 1932'. (Published by the Association Press, Calcutta.)

MR. KALI PRASAD. (1) "Self in relation to Knowledge." (*Proceedings of the Philosophical Congress, Patna, 1931.*)

(2) "A Gestalt Approach to the Concept of the Unconscious." (*Proceedings of the Philosophical Congress, Patna, 1931.*)

III.- DEPARTMENT OF INDIAN HISTORY.

DR. RADHA KUMUD MOOKERJI. "Ancient Indian Education as described in the Smritis." (*Madan Mohan Malaviya Commemoration Volume.*)

MR. NANDA LAL CHATTERJI. - Nine papers on Mir Quasim. (Published in several learned journals such as *Journal of the U. P. Historical Society, Calcutta Review, Journal of Indian History, Journal of Bihar and Orissa Research Society, Indian Historical Quarterly* and *Journal of the Andhra Historical Society.*)

MR. ASHIRVADILAL SRIVASTAVA. - A thesis on "The First Two Nawab-Vizirs of Oudh," approved for the Degree of Ph.D.

IV.- DEPARTMENT OF EUROPEAN HISTORY.

MR. S. N. DAS GUPTA. - "Relation of the Paramaras of Malwa with neighbouring States and the South during the 10th and 11th centuries." (*Journal of U. P. Historical Society, January, 1932.*)

V.—DEPARTMENT OF ECONOMICS AND SOCIOLOGY.

DR. B. S. HAIKERWAL.—Read, by invitation of the Crime Prevention League of U. P., two papers on the "Uplift of the Pasi Community" and the "Pasi Panchayat". (His book on "the Economic and Social Aspects of Crime in India" will shortly be published by George Allen & Unwin, London.)

MR. D. P. MUKERJI published a book "The Basic Concepts of Sociology" (Kegan Paul) in November, 1932. He also contributed an article on "Civic Sense" in the *Calcutta Municipal Gazette* (July 9, 1932).

DR. H. L. DEY.—"The Distributional Aspect of Protective Duties." (*Indian Journal of Economics, October, 1932.*) (His book on "The Indian Tariff Problem in Relation to Industry and Taxation" is expected to be published shortly by George Allen & Unwin, London.)

MR. B. B. MUKHERJI. "A Memorandum on the representation of Indian Labour and other interests to Lord Lothian's Indian Franchise Committee, 1932." (*Evidence Volume of the Indian Franchise Committee.*)

VI.- DEPARTMENT OF POLITICAL SCIENCE.

DR. BRIJ MOHAN SHARMA. —A thesis on “The Indian Federation,” for the Degree of Ph.D. (Published with a Foreword by Mr. C. Y. Chintamani.)

DR. V. S. RAM AND B. M. SHARMA. —“India and the League of Nations,” 1932.

DR. V. S. RAM. —(1) “Municipal Government in Japan.” (*The Local Self-Government Quarterly*, Madras, April 1932.)

(2) “Rural Government in Japan.” (*The Quarterly Journal of the Local Self-Government Institute*, Bombay, April 1932.)

(3) “The Law of Nations and its Jurisdiction.” (*The Madras Law College Magazine*, December 1932.)

(4) “Municipal Government in the U. S. A.” (*The Local Self-Government Quarterly*, Madras, October 1932.)

(5) “Recent Changes in Municipal Government in Germany.” (*The Quarterly Journal of the Local Self-Government Institute*, Bombay, October 1932.)

DR. E. ASIRVATHAM. —A booklet on “Neighbourhood Service” setting forth the principles and methods of social service. (S.C.A., Allahabad, 1932.)

VII. —DEPARTMENT OF SANSKRIT, PRAKRIT LANGUAGES AND HINDI.

MR. K. A. SUBRAMANIA IYER. —“Some More Nyayas II.” (*Journal of Oriental Research*, Madras, October-December, 1932.)

VIII. —DEPARTMENT OF PERSIAN AND URDU.

MR. SYED MASUD HASAN RIZAVI. —(1) “The Libraries of the Kings of Oudh and some of the earliest Printing Presses at Lucknow.” (*The Adabi Dunya*, Lahore, Nauroz Number.)

(2) “The Golden Age in the History of Urdu Poetry.” (*The Aligarh Magazine*, Vacation Number.)

(3) “Mir in the Light of Modern Researches.” (*The Zamana*, Cawnpore, December, 1932.)

(4) “Chahardah Masum” (or the Innocent Fourteen) and Who They Are. (*The Sarfaraz*, Lucknow, December, 1932.)

MOULVI ABDUL QAVI FANI. —(1) Fourteen Persian Qasidas, nine of which are included in the *Gulzar-i-Usmāni*, and the remaining five were published separately under different titles.

(2) “The two Chief Elements of Poetry —Imagery and Imagination.” (*The Adabi Dunya*, Lahore, Nauroz Number.)

(3) “A Review of the Kulliyat-i-Aziz.” (*The Hamdam*, Lucknow, July, 1932.)

MR. SYED MOHAMMAD HUSAIN.—“An Introduction to the Poetry of the Arabs.” (*The Adabi Dunya*, Lahore, Nauroz Number, 1932.)

B. FACULTY OF SCIENCE.

I.—DEPARTMENT OF PHYSICS.

DR. WALI MOHAMMAD. “An Investigation of the Fine Structure of Spectrum Lines of Magnesium in the Visible and the Ultra-Violet Regions.” (*Proceedings of the Indian Science Congress*, Patna.)

DR. WALI MOHAMMAD AND MR. PREM NATH SHARMA. “Hyperfine Structure in Vacuum of Bismuth Arc in the Visible and the Ultra-Violet Regions, Part I.” (*Philosophical Magazine*, November, 1932.)

MR. A. C. BANERJI (*Research Fellow*).—“Colour Variation in the Low Voltage Glow of Hydrogen.” (Communicated by Dr. D. B. Deodhar and read before the Indian Science Congress, 1932.)

MR. S. N. RAY. (1) “Melde’s String Vibrated by Rotating Pulley.” (*Nature*, February 13, 1932.)

(2) “Fine Theorie zu den Beobachtungen von Schultze ueber die Fluesigkeitshoehe zwischen parallelen Platten.” (*Kolloid Zeitschrift*, LIX, 1932.)

(3) “Ueber Anziehung and Abstossung zwischen den Platten in Schultzes George Method.” (*Kolloid Zeitschrift*, LX, 1932.)

(4) “On a Generalised Formulation of Trouton’s Law.” (*Proceedings of the Indian Science Congress*, Patna.)

(5) “On the Production of (1) the WOLF NOTE, and of (2) Circular and (3) Torsional Vibrations in a Melde’s String.” (*Ibid.*)

(6) “On the Variation of the Reverberation Period in Architectural Acoustics with Pitch.” (*Ibid.*)

(7) “On the Variation of Potential with Depth of a Liquid.” (*Ibid.*)

MR. S. N. RAY AND MR. H. P. CHOWDHURY (*Botany Department*).—“Theory of Liesegang Phenomena by Evaporation from the Wall.” (*Ibid.*)

II.—DEPARTMENT OF CHEMISTRY.

DR. S. M. SANE, AND MESSRS. S. N. CHAKRAVARTY AND B. N. PARMANIK—

(1) “Behaviour of Nitrophenols with *p*. Toluene Sulphonyl Chloride, Part II.” (*Journal of Indian Chemical Society*, Vol. IX, No. 1, pp. 55-57, 1932.)

(2) Behaviour of Nitrophenols with *p*. Toluene Sulphonyl Chloride, Part III.” (*Journal of Indian Chemical Society*, Vol. IX, pp. 59-65, 1932.)

MR. M. RAMAN NAIR.—“Studies on Super-Saturation and Crystallization.” (*U. P. Academy of Sciences*, 1931.)

MESSRS. M. RAMAN NAIR AND TOTA RAM GAIROLA.—“Constitution of Iodic Acid and Iodates.” (*Indian Science Congress, Patna.*)

MESSRS. M. RAMAN NAIR and L. N. SRIVASTAVA.—“Super-Solubility of Oxalic Acid.” (*Indian Science Congress, Patna.*)

III.—DEPARTMENT OF BOTANY.

DR. B. SAHNI.—(1) “*Homoxyion rajmahalense* gen. et. sp. nov. A Fossil Angiospermous Wood, devoid of Vessels, from the Rajmahal Hills, Behar. Palæontologia Indica.” (*Memoirs of the Geological Survey of India, N. S., Vol. XX, Mem. No. 2, pp. 1-19, 1932.*)

(2) “A Petrified *Williamsonia W. Sewardiana* sp. nov. from the Rajmahal Hills, India. Palæontologia Indica.” (*Memoirs of the Geological Survey of India, N. S., Vol. XX, Mem. No. 3, pp. 1-19, 1932.*)

(3) “On the Genera *Clepsydropsis* and *Cladoxylon* of Unger.” (*New Phytologist, Cambridge, Vol. XXXI, pp. 270-278, 1932.*)

(4) “Staminal Movements in *Gerbera lanuginosa*.” (*Journal of Indian Bot. Soc., Vol. XI, pp. 241-242, Madras, 1932.*)

(5) “*Grammatopteris Balduft*, a link between the Osmundacæ and Zygopterideæ.” (*Annals of Botany, London, Vol. XLVI, October Number, 1932.*)

(6) “The Wood Anatomy of a Homoxylous Dicotyledon, *Tetracentron sinensis*.” (Communicated to the *Indian Science Congress, Patna.*)

(7) “Explosive Fruits in *Viscum japonicum*.” (*Ibid.*)

(8) On the Structure of *Zygopteris primaria* (Cotta) and on the Relations between the genera *Zygopteris*, *Etapteris* and *Botrychioxyton*. (*Philosophical Transactions of the Royal Society of London, Ser. B., Vol. 222, pp. 29-45, 1932.*)

DR. S. K. MUKERJI.—(1) “Invasion of *Eichhornia speciosa* (Water Hyacinth) in the Interior of United Provinces.” (Communicated to the *Indian Science Congress, Patna.*)

(2) “The Role of *Parrotia Jaquemontiana* in the Forest Ecology of Kashmir State.” (*Ibid.*)

(3) “On the Distribution of Fresh-Water Plants in India.” (*Ibid.*)

(4) “Some Observations on the Anomalous Distribution and Ecology of *Nymphæa tetragona* Georgi.” (*Ibid.*)

MR. H. P. CHOWDHURY (with MR. S. N. RAY, *Physics Department*).—“Theory of Liesegang Phenomena by Evaporation from Walls.” (*Proceedings of the Indian Science Congress, Patna.*)

MR. S. K. PANDE.—(1) “On the Morphology of *Notothylas Indica* Kash.” (*Jour. Ind. Bot. Soc., Vol. XI, pp. 169-177, 1932.*)

(2) “On the Morphology of *Riccia robusta* Kash.” (Submitted for publication to the *Jour. Ind. Bot. Soc.*)

(3) "Some Further Notes on the Morphology of *Notothylas* Levieri Schiff. M.S." (Communicated to the *Indian Science Congress*, Patna.)

MR. H. P. CHOWDHURY. (1) "The Occurrence of Superficial Abaxial sori in *Osmunda claytoniana*." (*Jour. Ind. Bot. Soc.*, Vol XI, pp. 137-145, 1932.)

(2) "A Study of the Genus *Lycopodium* in India." (*Proceedings of the Indian Science Congress*, Patna.)

MR. K. M. GUPTA. "On a New species of Indian Mosses, *Physocmitrellopsis indica* from Benares." (*Ibid.*)

IV. DEPARTMENT OF ZOOLOGY.

DR. K. N. BAHL. -- "On the Physiological Significance of the Enteropneuric Type of Nephridial System found in Indian Earthworms." (*Ibid.*)

DR. G. S. THAPAR. (1) "On a New Trematode of the Genus *Astiotrema* Loss, 1900 from the intestine of a Tortoise, *Chitra indica*." (*Ibid.*)

(2) "The Morphology and Systematic Position of a New blood-fluke from an Indian Tortoise, *Trionyx Gangeticus*, from Lucknow." (*Ibid.*)

(3) "A Note on the Alimentary Glands of the Earthworms of the Genus *Eutyphœus*." (*Current Science*, November, 1932.)

DR. G. S. THAPAR AND MR. J. DAYAL. (4) "On the Morphology of a New Trematode from a fish, *Leuciscus indus*, with a note on the Family, *Allocreadiidae*." (*Proceedings of the Indian Science Congress*, Patna.)

DR. G. S. THAPAR AND MR. M. B. LAL. (5) "On the Morphology of *Discocotyle sagittatum*, an ectoparasitic Trematode from the gills of the rainbow trout." (*Ibid.*)

DR. M. B. LAL. -- (1) "Preliminary Notes on the Copulation, Fertilisation and Egg-laying of the Millipede, *Thyropygus malayus*." (*Ibid.*)

(2) "On the 'Faecal Pellets' of Millipedes." (*Ibid.*)

(3) "On the Chemical Nature and Physiological Significance of the so-called 'Stinck-glands' of *Thyropygus malayus*." (*Ibid.*)

(4) "On the Egg-laying in *Strongylosoma* and *Orthomorpha*." (*Ibid.*)

(5) "A Short Review of the Myriapod Collection in the Indian Museum, Calcutta." (*Ibid.*)

(6) "On a Cyclopiian Chick-monster." (*Ibid.*)

MR. J. DAYAL. -- "On the Urinogenital Organs of Common Indian Lizard *Calotes versicolor*." (*Ibid.*)

MR. B. B. SINHA. -- "On the Morphology and Systematic Position of *Cephalagonimus magnus*, n. sp. (Trematode), from *Trionyx gangeticus*." (*Annals and Magazine of Natural History*, Series 10, Vol. X. 1932.)

V.— DEPARTMENT OF MATHEMATICS.

DR. AVADESH NARAIN SINGH.—(1) “On the Existence of a Derivative.” (*Bull. Cal. Math. Soc.*, Vol. XXIII, 1931.)

(2) “Some Remarks concerning a Paper of Boris Kaufman relating to Parameter Curves.” (*Bull. Cal. Math. Soc.*, Vol. XXIV, 1932.)

(3) “A Note on Unilateral Derivatives of Continuous Functions.” (*Proc. Benares Math. Soc.*, 1931.)

(4) “On the Derivatives of a Non-Differentiable Function.” (*Proc. Benares Math. Soc.*, 1932.)

(5) “On the Method of Construction and Some Properties of a Class of Non-Differentiable Functions.” (*Proc. Benares Math. Soc.*, 1931.)

C. FACULTY OF MEDICINE.

I. DEPARTMENT OF PATHOLOGY.

LT.-COL. H. STOTT, I.M.S. (1) “A Case of Syphilis (Gunnala of the Heart).” (*British Medical Journal*, 1932.) (with Burke.)

(2) “The Scientific System of Medicine in India.” (*Sir W. Hale-White's Memorial Number of the Guys Hospital Report*, 1932.)

DR. ABDUL HAMEED.—“A Case of Tabes Dorsalis in an Indian.” (*Indian Medical Gazette*, 1932.)

Papers communicated to and read before Scientific Societies.—

I. *Before International Society of the American Association for the Study of Goitre, Ontario*, 1932.

(1) “The Distribution and Cause of Goitre in India.” (Stott, Bhatia, Lal and Rai.)

The contribution was awarded second honourable mention and the pathological and other exhibits connected therewith received the highest praise.

II. *Before the All-India Medical Congress, Lucknow*, 1932.

(2) “Diabetes Mellitus in Indians.” (Stott.)

(3) “Some Observations on the Causation of the so-called Endemic Ascites.” (Hameed.)

(4) “A case of Congenital Aortic Stenosis in a boy of 16.” (Hameed.)

II. DEPARTMENT OF FORENSIC MEDICINE.

RAI BAHADUR J. P. MODI.—Fourth edition of his “Text-Book of Medical Jurisprudence and Toxicology.” (Published in July 1932, by Messrs. Butterworth & Co., Calcutta.)

III.—DEPARTMENT OF PHYSIOLOGY.

DR. W. BURRIDGE.—(1) “Excitability, a Cardiac Study.” (Oxford University Press, 1932.)

(2) “The New Physiology of Sensation.” (Oxford University Press, 1932.)

DR. S. N. MATHUR. (1) “Effects of Carbon Dioxide on Circulation.” (Thesis accepted by the University of London for the degree of Ph.D. in Physiology, 1932 ; lodged in the University of London Library.)

(2) “Seasonal Variations in Cats.” (*Q. J. Expt. Physiology*, March 1932.)

(3) “Inception of Blood Clotting.” (*Biochem. Journal*, Vol. XXVI, No. 3, 1932.)

(4) “Role of Tissue Juices on Thrombosis.” (*Lancet*, August 1932.)

DR. N. J. MODI. “Experiment with Milk.” (*Archives Internationales de Pharmacodynamie et de Therapie*, Vol. XLIII, Fascicule I, p. 111.)

DR. H. K. SINHA.—“On the Cardiac Responses to Radiated Heat.” (*Archives Internationales de Pharmacodynamie et de Therapie*, Vol. XLII, Fascicule III, p. 334.)

IV.—DEPARTMENT OF PHARMACOLOGY.

RAI BAHADUR B. N. VYAS AND DR. B. B. BHATIA.—“On the Failure of *Toddalia aculeata* in the Treatment of Malaria. (*Indian Medical Gazette*, Vol. LXVII, No. 4, April, 1932.)

DR. B. B. BHATIA AND DR. S. LAL.—“On the Pharmacological Action of *Plumbago zeylanica* and its active principle (Plumbagin).” (*Indian Journal of Medical Research*, Vol. XX, No. 3.)

DR. B. B. BHATIA.—(1) “A Case of Stone in Bladder Presenting a Peculiar Symptom Complex.” (*Indian Medical Gazette*, Vol. LXVII, No. 2.)

(2) “On Some Common Complaints of Early Childhood and Their Treatment.” (*K. G. M. C. Clinical Society Magazine*, January, 1932.)

(3) “On the Biological assay and deterioration of Tincture Digitalis in Tropic.” (IXth All-India Medical Conference, 1932.)

DR. S. LAL.—“A Preliminary Report of the Pharmacology of Active Principle of Bael Fruit (Marmalasin).” (*Ibid.*, 1932.)

V.—DEPARTMENT OF SURGERY.

CAPT. K. S. NIGAM.—A Case of Diptheria in a Surgical wound of the chest wall was detected clinically, confirmed bacteriologically, and reported and published in the *Indian Medical Gazette*. (*I.M.G.*, Vol. LXVII, Article No. 3, March, 1932.)

MR. A. C. GHOSE. (Capt. Kr. Indrajit Singh Research Scholarship holder).—(1) “The Blood Cholesterol in Anæsthesia—An Experimental Study in Rabbits.” (*Journal of Physiol.* London, 1932.)

(2) "The Cholesterin Content of Blood in Indians and Its Significance in Jaundice." (Accepted for publication in the *Indian Journal of Medical Research*.)

(3) "The Significance of Blood Cholesterol in the Surgery of the Genito-urinary System." (Accepted for publication in the *Indian Journal of Medical Research*.)

(4) "On the Bacterial Infection of the Gall-Bladder—A Clinical Study in Human Subjects and an Experimental Study in Rabbits." (Accepted for publication in the *Indian Journal of Medical Research*.)

(5) "Cholesterosis of the Gall-Bladder in Indians—A Clinical Study in Human Subjects and an Experimental Study in Rabbits." (Accepted for publication in the *Indian Journal of Medical Research*.)

(6) "Experimental Production of Gall-Stones." (A paper submitted to be read in the All-India Medical Conference at Lucknow, in December, 1932.)

(7) "Gall-Bladder Diseases in Indians." [A thesis submitted by Mr. A. C. Ghose for M. S. (Surgery) and accepted.]

D.—FACULTY OF COMMERCE.

DR. D. PANT. (1) "Kashmir and its Development."

(2) "The World Slump: How to Create a Boom."

(3) "Lac Research Institute."

(4) "The All-India Railway Conference Association." (*Daily Herald*, Lahore.)

(5) "Advantages to the Agriculturist from the Co-operative Movement in the U.P." (*U.P. Co-operative Vernacular Journal*.)

(6) "The Provincial Budget." (*I.D.T.*)

(7) "Economic Depression with Special Reference to India." (*Indian Journal of Economics*.)

III. Changes in Personnel.

Since the last report published in January, this year, the following are the important changes in the Staff:

(1) Lieut.-Col. C. H. Reinhold, M.C., F.R.C.S.E., I.M.S., has taken the place of Lieut.-Col. H. C. Buckley, M.D., F.R.C.S.E., I.M.S., as Part-time Professor of Obstetrics and Gynæcology. Col. Buckley is now officiating Inspector-General of Civil Hospitals, U.P.

(2) Dr. K. S. Nigam, M.D., F.R.C.S., D.T.M., the officiating Professor of Surgery, has now been made permanent in that post.

- (3) Dr. S. N. Mathur, M.B., M.S., L.R.C.P., M.R.C.S., F.R.C.S., has been appointed Reader in Surgery in the vacancy created by Dr. K. S. Nigam's appointment as Professor.
- (4) A new post of Reader in Diseases of Women and Children (Part-time) has been created temporarily for a period of three years as an experimental measure. Dr. (Miss) G. Stapleton, M.D., W.M.S., has been appointed to this post. She is also Visiting Gynaecological and Obstetric Physician and Surgeon to the new Queen Mary's Hospital.
- (5) Dr. P. C. Kacker resigned his post in the University as Lecturer in Surgery. He has reverted to Government service. Dr. Triveni Prasad, M.B., F.R.C.S.E., D.L.O., Surgeon-in-charge, Ear, Nose, and Throat Department and Honorary Lecturer in Surgery, has been appointed in the vacancy created by Dr. Kacker's resignation. Dr. Triveni Prasad's post as Honorary Lecturer in Surgery, which has consequently fallen vacant, will be filled up shortly.
- (6) Dr. H. L. Dey, M.A., D.Sc., F.R.S., Lecturer in Economics, in the Department of Economics and Sociology, has resigned his post to take up an appointment as Reader in Economics in the University of Dacca. Mr. Shitla Prasad Saksena, B.Com., M.A., has been appointed in his place.
- (7) Mr. Kali Prasad, M.A., LL.B., Lecturer in Philosophy, has been granted Study Leave up to the end of April, 1935. Mr. Muhammad Baqar, M.A., has been appointed to officiate during the period of his leave.
- (8) Mr. D. N. Majumdar, M.A., P.R.S., Lecturer in Anthropology in the Department of Economics and Sociology, has also been granted Study Leave up to the end of April, 1935. Mr. Hari Dev, M.A., has been appointed Temporary Lecturer in his place.

IV. Important Educational Questions under Consideration.

Examinations for the Diploma in Public Health have been suspended for the time being.

Arrangements are being made for providing instruction for a certificate examination for proficiency in German.

V. Important Changes in Courses, Syllabuses, Etc.

Compulsory attendance at Tutorial Classes for Undergraduates of Arts, Science and Commerce, has now been enforced.

R. R. KHANNA,
Registrar.

30th June, 1933.

MADRAS UNIVERSITY.

During the period under review, the honour of Knighthood was conferred on the Vice-Chancellor, Sir K. Ramunni Menon.

The University has to record with regret the demise of the Rev. Dr. W. Meston, the Rev. C. H. Firbank, Dr. Mark Collins and Mr. J. W. Bilderbeck, who were at one time members of the Senate and other University authorities.

COURSES OF STUDY.

It was mentioned in the last report that the courses for the Diploma in Indian Music and Geography had been started in the University. Regulations for these courses and for the Certificate course in Librarianship were adopted by the Academic Council and the Senate. The Regulations for the L.T. Degree and the B.E. Degree, which required revision, were completely recast and approved by the proper authorities. Except for certain slight modifications, the courses of study for other examinations have continued to be the same. The question of framing Regulations for higher degrees—M.A., M.Litt., M.Sc., Ph.D., D.Litt. and D.Sc.—is still under consideration of the Syndicate. It is hoped that suitable Regulations will be adopted by the Academic Council and the Senate in the course of the year. A proposal to form a separate Faculty of Veterinary Science and to institute a degree course in Veterinary Science is now under consideration by the authorities.

LECTURES.

Three courses of endowment lectures were delivered during this period:—

Subject.

Sir William Meyer Lectures : By Mr. N. S. Subba Rao, Director of Public Instruction, Mysore	World Economic Planning.
The Rt. Hon. V. S. Srinivasa Sastri Lectures : By Diwan Bahadur A. Ramaswami Mudaliar	The Indian Federation.
The Principal Miller Lectures : By the Rev. Dr. A. G. Hogg, Principal, Madras Christian College	The Challenge of the Time Process.

Several lectures were also delivered under the auspices of the University Extension Lectures Board during the last term. Some of them were delivered by responsible officers of Government like the Director of Agriculture, Registrar of Co-operative Societies, the Secretary to the Department of Local Self-Government and by well-known publicists like Sir. K. V. Reddi and Mr. A. Rangaswami Aiyangar.

PUBLICATIONS.

The following publications were issued during the period :--

1. "New Light on Fundamental Problems," by Dr. T. V. Seshagiri Rao Naidu, M.A.
2. "The Chronology of Early Tamils," by Mr. K. N. Sivaraja Pillai.
3. "Paranar," by Mr. V. Venkatarajulu Reddiyar.

APPOINTMENTS.

The Syndicate on the recommendation of Selection Committees, appointed Mr. R. Gopala Aiyar, M.A., M.Sc., L.T., and Mr. M. Damodaran, M.A., M.Sc., D.Sc., D.I.C., F.I.C., as Directors of the University Zoological and Bio-Chemistry Research Laboratories, respectively. The Departments have already begun to function, and the Laboratories are getting ready for occupation.

SENATE HOUSE, MADRAS,
20th July, 1933.

P. J. THOMAS,
University Professor of Economics.

MYSORE UNIVERSITY.

Period—January 1933 to June 1933.

1. PERSONNEL.

1. Dr. E. P. Metcalfe, D.Sc. (Lond.), F.Inst.P., Vice-Chancellor, proceeded on leave for three months in continuation of the summer vacation and Mr. J. C. Rollo, M.A., has been appointed to be in charge of the office of the Vice-Chancellor.

2. Mr. A. R. Wadia, B.A., Bar-at-Law, Professor of Philosophy, Maharaja's College, proceeded on leave for three months in continuation of the summer vacation.

3. Mr. Charles Pichamuthu, Assistant Professor of Geology, Central College, Bangalore, proceeded on leave for 15 months in continuation of the vacation.

2. COURSES OF STUDIES, ETC.

1. The Scheme of Examination for the Master's Degree under the new rules has been modified. According to this modification, the Master's degree in Arts will be awarded on an examination comprising four papers and a *viva voce* examination, or on a thesis and a *viva voce* examination. The Master's Degree in Science will continue to be awarded on an examination comprising four papers and a *viva voce* examination, or an examination comprising two papers, a thesis and a *viva voce* examination.

2. Detailed courses of studies have been prescribed for the examinations for the Master's Degree under the new rules.

3. Plant Chemistry and Colloid Chemistry have been instituted as alternative subjects of subsidiary study for the B.Sc. (Hons.) Degree Examination in Chemistry in place of Mineralogy, Mineral and Metallurgical Chemistry.

4. The existing courses of studies and the schemes of examination for the Intermediate Examinations in Arts and Science have been revised so as to improve the standard in English and secure uniformity of standard in regard to the optional subjects.

5. The compartmental system has been introduced at the Intermediate Examination, the compartments being Part I—comprising English and Second Language, and Part II—all other subjects. The appearance for the examination should be in both the parts until a part is passed. To secure a pass in either part, a minimum of 45 per cent in the part should be obtained.

3. IMPORTANT EDUCATIONAL QUESTIONS.

A proposition regarding the desirability of having a first grade residential college for women with provision of quarters for a due proportion of the teaching staff was passed by the Senate and is under the consideration of Government. The proposal is to transfer the Maharani's College for Women at Mysore to Bangalore and amalgamate the Women's Intermediate College at Bangalore with it.

Government have appointed a Committee with the Vice-Chancellor as Chairman to formulate proposals for the establishment of a Chair of Hygiene in the University, the Department of Hygiene being responsible for the teaching of the subject not only to Medical students but also to students of the B.T. classes, for the health examination of students, and for training teachers for normal schools in the method of teaching hygiene.

4. LECTURES.

A. The following lectures were delivered under the scheme of University Extension Lectures :-

1. Treatment of Material in Laundry Work (in Kannada), by Miss L. D'Souza, B.A., B.Sc. (Lond.), at Chitaldrug.
2. Practical Hints to the House-Wife (in Kannada), by Miss L. D'Souza, B.A., B.Sc. (Lond.), at Kolar.
3. The Karnataka Folklore (in Kannada), by Mr. Devudu Narasimha Sastri, M.A., at Shimoga and Chitaldrug.
4. Tragi-Comedy in English and Sanskrit Dramatic Literature, by Mr. P. G. Sahasranama Iyer, M.A., at Mysore.
5. Indian Overseas (Specially South Africa), by Mr. P. Kodanda Rao, M.A., at Bangalore and Mysore.
6. Recent Developments in Astro-Physics, I. Carving out the Universe ; II. Giants and Dwarfs, by Mr. B. S. Madhava Rao, M.Sc., at Mysore.
7. Recent Developments in Astro-Physics : I. Theories of Stellar Evolution I ; II. Theories of Stellar Evolution II, by Mr. B. S. Madhava Rao, M.Sc., at Bangalore.

B. The following special lectures were arranged in the several colleges of this University :—

1. College of Engineering, Bangalore.
The Technology of Sugar Manufacture, by Mr. G. N. Annaiya, M.A.
2. Women's Intermediate College, Bangalore.
 - (i) The Educational System in Germany, by Dr. Hertz.
 - (ii) On Discrimination by Sri V. T. Lakshmi.

- (iii) The Financial Situation in India, by Mr. Srinivasa Raghavan.
 (iv) Social Hygiene, by Dr. C. V. Natarajan.
 (v) John Masefield, the Poet Laureate, by Mrs. Harrison.
 (vi) Sir Walter Scott, by Mr. F. R. Sell.

3. Maharani's Women's College, Mysore.

- (i) Miss Benham delivered a lecture on her travels.
 (ii) Rev. W. E. Tomlinson delivered a Lantern lecture on the Christian Church in the Catacombs.

5. UNIVERSITY EXAMINATIONS, 1933.

The following were the results in the University Examinations held in March and April 1933 :—

Examination.	Number Examined	I Class.	Number Passed. II Class.	III Class.	Total.	Percentage.
I. Intermediate :						
1. In Arts ..	403	..	19	98	117	29.03
2. In Science (Gen.) ..	588	12	35	69	116	19.7
3. In Engineering ..	167	8	42	5	55	32.9
4. In Medicine ..	109	1	22	1	24	22.02
TOTAL ..	1,267	21	117	174	312	24.6
II. B.A. Degree (Old) :						
.. Part I ..	39	.	..	9	9	23.08
.. Part II ..	36	.	..	14	15	32.6
III B.A. (Pass) Degree :						
.. Part I ..	126	..	4	112	116	91.3
.. Part II ..	125	10	34	69	133	90.4
.. Part III ..	156	..	9	86	95	60.9
IV. B.A. (Hons.) Prel. :						
.. Part I ..	29	..	..	*29	29	100.0
.. Part II ..	32	..	..	*32	32	100.0
.. Minor Subject ..	29	..	..	*28	28	96.6
V. B.A. (Hons.) Final ..	28	1	12	8	21	75.0
VI. B.Sc. Degree (Old) :						
.. English ..	2	..	..	*2	2	100.0
.. Optional ..	..	..	..	..	..	..
VII. B.Sc. (Pass) Degree :						
.. Part I ..	130	1	10	87	98	75.4
.. Part II ..	110	11	25	66	102	92.7
.. Part III ..	168	3	25	66	94	56.0

* Pass.

Examination.	Number Examued.	I Class.	Number passed.		Total.	Percent- age.
			II Class	III Class.		
VIII. B.Sc. (Hons.) Prel. :						
" Part I ..	35	..	..	34	34	97.1
" Part II ..	34	..	..	34	34	100.0
" Minor Subject ..	35	..	..	35	35	100.0
IX. B.Sc (Hons.) Final ..	46	15	13	15	43	93.4
X. M.A. Degree	27	1	6	13	20	74.7
XI. M.Sc. Degree .. ..	..	..	..	..	..	..
XII. B.T. Degree	71	1	8	39	47	66.2
XIII. First Examination in Engi- neering	75	1	54	..	65	73.3
XIV. Second Examination in Engi- neering	40	2	32	..	34	85.0
XV B.E. Degree New Rules ..	32	1	28	..	29	90.6
XVI. First M.B.B.S. Part I ..	7	..	7	..	7	100.0
XVII. " Part II ..	26	..	15	..	15	57.3
XVIII. Second M.B.B.S. Degree ..	18	..	6	..	6	33.3
XIX. Final M.B.B.S. Degree ..	18	..	8	..	8	44.4
XX. First L.M.P.	64	..	42	..	42	65.6
XXI. Second L.M.P.	43	..	25	..	25	58.1
XXII. Thrd L.M.P.	29	..	15	..	15	51.7
XXIII. Final L.M.P.	18	..	10	..	10	55.6

6. IMPORTANT PUBLICATIONS, RESEARCHES, ETC., OF THE UNIVERSITY.

The Kannada Publication Committee has brought out an abridged edition of "Kadambari".

The Oriental Library has brought out the following books :

1. Advaita Siddhi Vyakhya Guruchandrika, Vol. I.
2. Tattva Muktakalapa and Sarvartha Siddhi, Vol. I.
3. Kannada Mahabharata - Bhishma Parva.

A proposal to publish an English-Kannada Dictionary has been approved and an Editorial Board with Mr. B. Venkatanaranappa, M.A., as Chairman and the following as members has been constituted .-

1. Prof. B. M. Srikantia.
2. Mr. T. S. Venkannaiya.
3. Mr. A. R. Krishnasastry.
4. Mr. C. K. Venkataramayya.
5. Mr. D. V. Gundappa.

The Board is expected to complete the manuscript within 5 years.

7. GENERAL.

(i) A Regulation - Regulation No. III of 1933, amending and consolidating the provisions of the University of Mysore Regulation V of 1916 to come into force on the 1st day of July 1933 received the assent of His Highness the Maharaja of Mysore. The important features of the amended regulation are :-

1. The alterations in the composition of the Senate and of the University Council, including among others provisions for a class of 'Life-Members' of the Senate and for representatives of Municipal Councils and District Boards and Associations.
2. The institution of the Academic Council and the consequential modifications in the functions of the University authorities.
3. The re-classification of Laws of the University into Regulations, Statutes and Ordinances.

The several University authorities are being re-constituted.

(ii) Dr. A. Subba Rao, B.A., D.Sc. (Lond.), Professor of Physiology, Medical College, Mysore, has been selected by the Executive Council of the Universities Bureau of the British Empire, London, for one of the Carnegie Corporation grants for the year 1933-34.

(iii) The B.E. Degree of the University of Mysore has been recognized by the Council of the Institution of Engineers (India) as exempting from Parts A and B of the Associate Membership Examination of the Institution with effect from the Degree Examination of March, 1932.

(iv) The University of Mysore has been recognized by the University of Cambridge as an Associated Institution in relation to that University.

MYSORE,
13th July, 1933.

V. GOPALASWAMI AIENGAR,
Registrar, University of Mysore.

NAGPUR UNIVERSITY.

(January-June, 1933.)

1. EXTENSION LECTURES.

The number of Extension Lectures delivered during the year 1932-33 was as follows.—

(a) At Nagpur	..	..	16
(b) In the Mofussil	..	..	9

The above number includes a series of three Extension Lectures delivered by Dr. H. Jairam, Ph.D., of the Indian Institute of Science, Bangalore, on (1) The Role of Vitamins in the Human Nutrition and Choice of Food, (2) The Biological Importance of Proteins and some of their Industrial uses, and (3) Some Aspects of Modern Chemical Technology.

2. THE LAXMINARAYAN BEQUEST.

On the 8th April 1933 the Executive Council appointed a Committee to work out the details of a scheme of Technological Training on the lines of the recommendations of the Laxminarayan Bequest Scheme Committee appointed last year.

The following are the terms of reference of the Committee :

- (i) To investigate the economic potentialities of the development of Oil Technology in the Central Provinces and Berar ;
- (ii) to report whether there is another branch of Industrial Chemistry with a better promise for the industrial development of these provinces ;
- (iii) to prepare an outline of (a) the course of instruction in Industrial Chemistry, with special reference to Oil Technology, or any other branch recommended by the Committee to be imparted to the students joining the Technological Laboratory and (b) the facilities for research to be offered by the Laboratory ;
- (iv) to prepare a general sketch of the site and plans for the construction of the buildings for the Laboratory ;
- (v) to examine the difficulties in the way of the University establishing a small commercial factory in Oil Technology (or in another branch recommended by the Committee) and the steps by which they may be overcome, if possible ;
- (vi) to prepare a general estimate of—

(a) the capital expenditure on the buildings and apparatus for the Laboratory ;

(b) the annual cost of the maintenance of the Laboratory, including the provision for salaries of the teaching, administrative and research staff ; and

(c) the capital and recurring cost of establishing a small factory on a commercial scale for extraction of vegetable oils and the manufacture of oil-products, if found possible, or for such other branch of Industrial Chemistry as may be recommended by the Committee ;

- (vii) to consider the possibility of making arrangements for the publication of books on Technological subjects in the vernaculars of the province ;
- (viii) to make recommendations to the Council arising out of the above classes of this resolution or having, in the opinion of the Committee, a bearing on the general subject referred to the Committee for consideration and report.

The Committee consists of :-

1. The Vice-Chancellor (*Chairman*).
2. Mr. K. H. Vakil, B.A., M.Sc. (Tech.), A.M.C.I., F.I.C., M.I.Chem.E., Bombay.
3. Dr. N. N. Godbole, M.A., B.Sc., Ph.D., Professor of Industrial Chemistry, Benares Hindu University, Benares.
4. Mr. E. R. Mahajani, B.Sc., Laxmi Oil Mills, Akola.
5. Sir Sorabji B. Mehta, Kt., Manager, Empress Mills, Nagpur.
6. Mr. D. V. Bal, Nagpur.
7. Rai Bahadur Sunderlal, Superintending Engineer, Nagpur.
8. Mr. M. Owen, M.Sc., F.Inst.P., Principal, College of Science, Nagpur.
9. Mr. A. C. Sen Gupta, M.A., Principal, Morris College, Nagpur.
10. Dr. Peter Carter Speers, D.Sc., Professor of Technical Chemistry, University of the Panjab (Lahore).
11. Dr. K. Krishnamoorthi, D.Sc., Professor, College of Science, Nagpur.
12. Mr. G. S. Bhalja, B.A., I.C.S., Director of Industries, C.P., Nagpur.
13. Mr. D. V. Athavale, M.Sc., Lecturer in Oil Technology, Harcourt ' Butler Technological Institute, Cawnpore.
14. Dr. H. K. Sen, M.A., D.I.C., D.Sc., Professor of Applied Chemistry, Calcutta.

Secretary : Registrar of the University.

Mr. J. A. Hare Duke, Oil Expert to the Government of the United Provinces and Mr. A. F. Uill, Chemical Engineer (Bombay) have also been invited to serve on the Committee.

The Executive Council has further decided to allot annually a sum of Rs. 10,000 from the funds of the Bequest for payment of grants for research in Applied Science and Chemistry, award of Scholarships and purchase of Technological books.

3. EXAMINATIONS.

The following is the number of candidates who presented themselves at and passed the University Examinations held in February-April, 1933 :—

Examination.	Number present.	Number passed.	Percentage of passes.
M.A. (Final)	26	26	100
M.Sc. (Final)	15	10	66.6
M.A. (Previous)	74	56	75
M.Sc. (Previous)	22	18	81.8
LL.B. (Final)	211	81	38.4
LL.B. (Previous)	279	160	57.3
B.T.	27	27	100
B.A.	403	178	44.1
B.Sc.	110	71	64.5
B.Ag.	28	24	85.7
Intermediate (Arts and Science) ..	766	468	61.1
Intermediate (Agriculture) ..	37	33	89
LL.M.	1	..	..

4. CONVOCATION.

The next Convocation of the University will be held on Saturday, the 25th November, 1933. Dr. Sir C. V. Raman will deliver the Convocation Address.

5. MISCELLANEOUS.

Mr. A. C. Sen Gupta, M.A., I.E.S., has been appointed to be the representative on the University of the Inter-University Board, India, for a period of three years with effect from 1st April, 1933.

Mr. F. K. Clark, M.A., I.E.S., Educational Commissioner with the Government of India, has been appointed to be the Principal, Spence Training College, Jubbulpore.

Dr. H. C. Seth has been transferred to King Edward College, Amraoti, and Mr. M. H. Nanavati has taken his place at Morris College, Nagpur.

A. C. SEN GUPTA,
*Representative of Nagpur University
 on the Inter-University Board, India.*

OSMANIA UNIVERSITY.

Administration.—Nawab Fakhr Yar Jung Bahadur and Mr. T. J. Tasker, I.C.S., C.I.E., were appointed Members of the Council during the absence in England of Sir Akbar Hydari, Sir Richard Trench and Nawab Mahdi Yar Jung Bahadur. Raja Bahadur Pandit Gir Rao was appointed a Member of the Council *vice* Raja Bahadur Rai Jag Mohan Lal, B.A., deceased.

General.—The Annual Meeting of the Inter-University Board was held at Hyderabad on the 27th and 28th February 1933.

The Annual Convocation of the University was held on the 9th March 1933 and was presided over by the Chancellor, Maharaja Sir Kishen Pershad Bahadur, Yaminus Sultanat. Sir Akbar Hydari delivered the Convocation Address.

Conferences. The following gentlemen were deputed to represent the University at the Conferences noted against their names :

- | | | |
|--|---|--|
| (1) Dr. M. Qureshi, Prof., Osmania University College .. | } | Indian Science Congress, Patna. |
| (2) Dr. Raziuddin Siddiqi, Osmania University College .. | | |
| (3) Dr. B. K. Das, Osmania University College .. | | |
| (4) Mr. Saiduddin, Osmania University College .. | | |
| (5) Mr. Md. Ali Khan, Osmania University College .. | | |
| (6) Dr. Brij Mohan Lal, Professor, Medical College .. | | |
| (7) Mr. Ghous Mohiuddin, Chemist, Medical College .. | | |
| (8) Dr. Raziuddin Siddiqi, Professor, Osmania University College | } | Indian Mathematical Society, Poona. |
| (9) Mr. H. A. Ansari, Registrar, Osmania University | | All-India Muslim Educational Conference, Lahore. |

Extension Lectures.—

- | | |
|---|--|
| (1) Sir C. V. Raman, Kt., Ph.D., D.Sc., LL.D., F.R.S., N.I., Palit Professor of Physics, University of Calcutta | Four Lectures on "Some Recent Developments in Physics." |
| (2) Sir P. C. Ray, Kt., C.I.E., Ph.D., D.Sc., F.C.S., Professor of Chemistry, University of Calcutta | Three lectures on "The Cultivation of Chemistry in Ancient and Modern India and its Pursuit by the Arabs." |

Examination Results.—The number of candidates passing the various degree examinations of the University held in 1933 was as follows :—

B.A. (Theology)	..	..	..	2
B.A. (Arts) and Science	..	..	..	56
M.A. (Arts)	..	..	..	6
M.Sc.	..	..	..	5
M.B.B.S.	..	..	..	5
B.F.	..	..	..	8
Diploma in Education	..	..	..	14
L.L.B.	..	..	..	23

OSMANIA UNIVERSITY COLLEGE.

Changes in the Staff.—Khwaja Qutbuddin Qari, B.A. (Osmania), a State Scholar, returned from Egypt after graduating in Philosophy at the Egyptian University, and has been appointed officiating Asst. Professor in the Department of Theology. Prof. Mirza Ali Yar Khan was transferred for a year as Private Secretary to Sahibzada Nawab Moazzam Jah Bahadur and Dr. Ibne Hasan, Ph.D., has been appointed in his place. Profs. Ibne Hasan and Habibur Rahman returned from England after taking the Ph.D. and B.Sc. (Economics) Degrees respectively at the London University. The former had also a year's training at the Agricultural Institute, Oxford.

Maulvi Abdul Wasay, Asst. Professor in the Faculty of Theology, died.

The authorities of the Imperial College of Science and Technology report that Mr. R. Satyanarayan, a graduate of the University, attended the First Year Course for the A.R.C.S. and B.Sc. in Physics and obtained a First Class in Physics, Mathematics and Descriptive Geometry and a Second Class in Chemistry.

On the recommendation of Prof. Jha, Head of the Department of English, Allahabad University, Mr. Itrat Husain Zubairi, B.A. (Osmania), M.A. (Agra), has been granted a sum of £ 300 for further research in England.

Messrs. Baqar Husain Qureshi of the M.Sc. (Previous) Class, and Rasheeduddin an ex-student, have been selected for the Hyderabad Civil Service.

A batch of about 25 students of the Osmania University College visited several places in Northern India and Kashmir during the summer vacation.

RESEARCH.

Mathematics.

Dr. Raziuddin Siddiqui, B.A. (Osmania), M.A. (Cantab.), Ph.D. (Leipzig) :

- (1) "On the Equation of Heat Conduction in Crystals according to Wave Mechanics."

Read before the Indian Mathematical Conference Meeting in December 1932, is being published in the Jubilee Number of the Indian Mathematical Society.

- (2) "On an infinite series of integrals involving Sturm-Liouville Eigen Functions."

Read before the Meeting of the Indian Science Congress held in January 1933, is being published in the *Journal of the Indian Academy of Sciences*, Allahabad.

- (3) "Eine Reihe der Integralen von Sturm-Liouvillesche Eigen-Funktionen."

Sent to the Math. Zeitschrift, Berlin.

- (4) "Boundary Problems in Non-Linear Partial Differential Equations."

Communicated to the London Mathematical Society.

- (5) "On the Reduction of General Mon-Linear Parabolic Differential Equation to Normal Form and its Solution."

To be published in the *Journal of the Osmania University*, 1933.

Biology.

Dr. B. K. Das, D.Sc. (London) and Prof. Rahimullah B.Sc. (Aligarh) :

- (1) "Making Whole Mounts of Vertebrate Skeletons."

Published in *Nature*, Vol. 131, February 4, 1933.

- (2) "Helminth Parasites from certain Fresh-Water Fishes of India (Nizam's Dominions)."

Published in *Current Science*, Vol. I, No. 9, 1933.

Dr. B. K. Das :

- (3) "A Brief Report on the Life-History of an Air-breathing Gobiid." (*Current Science*, Vol. I, No. 12, June 1933.)

- (4) Paper "On the Bionomics, Structure and Physiology of Respiration in *Pseudapocrytes lanceolatus*, with special reference to a New Mode of Aerial Respiration.

Sent to England for publication.

Prof. M. Sayeeduddin, B.Sc. (Bombay), M.A. (Edin.), F.R.M.S. and Mr. Abdus Salam, B.A. (Osmania) :

- (5) "On Lantana Camara."

Published in *Current Science*, Vol. I, April 1933, p. 330.

Chemistry.

Dr. Syed Husain, B.A. (Osmania), M.Sc. (Aligarh), Ph.D. (London) :

A paper on double compound of Stannic Chloride and Acetic Acid, ready for publication.

Physics.

Principal Md. Abdul Rahman Khan, A.R.C.S., B.Sc. (Lond.), F.P.S.L., F.R.A.S. :

Geophysics.

“ An Account of Md. Abdul Rahman Khan’s Investigations concerning the Disintegrating Action of Roots of certain trees.”

Published in *Nature*, No. 3319, Vol. 131 of June 10th, 1933 (page 844), under “ Research Items ”.

Mr. Syed Mohammad Ali Khan, B.A. (Osmania), A.R.C.S., B.Sc. (London) :

“ Viscosity Balance.”

Read before the meeting of the Indian Science Congress, held in 1933.

English.

Prof. E. E. Speight, B.A. (London) :

“ Verse as a Revelation of Personality.”

Published in the *Poetry Review*, London.

Philosophy.

Dr. Mir Valiuddin B.A. (Osmania), M.A. (Aligarh), Ph.D. (London) :

“ Schopenhauer’s Contact with Pragmatism.”

To be published in the *Journal of the Osmania University College*, 1933.

History.

Dr. Yusuf Husain Khan, D.Litt. (Paris) :

“ The Influence of Islam on the Bhakti Movement in Mediæval India.”

To be published in the *Islamic Culture*, Hyderabad, Deccan.

ENGINEERING COLLEGE.

Dr. S. P. Raju, B.A., B.E., Doctor of Engineering (Munich University), has been appointed Professor of Hydraulics.

4th July, 1933.

H. A. ANSARI,
Registrar.

THE UNIVERSITY OF THE PANJAB.

1. This University in a special convocation convened for the purpose in January 1933, conferred the Degree of Doctor of Laws *honoris causa* on His Excellency Sir Geoffrey Fitzhervey de Montmorency, M.A., G.C.I.E., K.C.S.I., K.C.I.F., K.C.V.O., C.B.E., I.C.S., Governor of the Panjab, at first a Vice-Chancellor and later a Chancellor of this University.

2. Mr. Mohammad Bashir, B.Sc. (Hons.) (Edin.), has been appointed as Assistant Registrar of this University on a salary of Rs. 300 per mensem in the grade of Rs. 250 - 500, with effect from January 1st, 1933, on one year's probation.

3. The following tentative programme has been drawn up for the celebration of the Jubilee of this University :—

December 4th	..	..	Reception of Delegates at a Special Convocation. At Home. Play.
December 5th	..	..	Excursions. Conversazione - 3 to 6 p.m. Laying of the Foundation Stone of the Students' Union Club— 4-30 p.m. Banquet.
December 6th	..	..	Exhibition of manuscripts and paintings. Demonstration of physical training and some event connected with the University Training Corps—2 to 4 p.m. Some Students' function, such as tea and mushaira—4 to 5-30 p.m. Alumni Dinner.

4. Two new colleges, *i.e.*, the M.A.O. Intermediate College, Amritsar, and the Stratford Intermediate College for Women, Amritsar, have been affiliated to this University.

5. The M.A. Examination in Political Science in this University has been held for the first time this year.

6. The following new rules have been approved for Master's Degree both in Arts and Science, regarding papers and thesis, and for examinations in Honours Schools as well as for Honours in the Bachelor's Examination :—

- (a) There shall be in each written paper and for each thesis one internal and one external examiner to set and mark papers conjointly. In the case of thesis, in addition to these the University Professor concerned would be an *ex-officio* examiner and member of the Board of Examiners for which he would not be paid.
- (b) That the external examiner should ordinarily be one who is teacher in another University. In exceptional circumstances, the Syndicate may, after considering the recommendations of the Revising Committee, appoint an External Examiner from within the province.
- (c) That the answer-books shall ordinarily be first marked by the External Examiner.
- (d) That, since it would not always be feasible for the external examiner to be present, in practical examinations both the examiners may be internal examiners.
- (e) That the Revising Committee shall ordinarily consult the Convener of the Board concerned as regards the possible substitute whenever a change is considered necessary by the Revising Committee.

It was understood that the Convener would report his decision to the Board of Studies at its next meeting.

- (f) That whenever an External Examiner is unable to attend the meeting of the Board of Examiners he may, if he so desires, send written questions for the *intra voce* examination in thesis. Written answers of the candidates shall be sent to him if he so desires.
- (g) That the question paper shall be set and submitted jointly by the Internal and External Examiners, but that the External Examiner shall be the first to set questions and send them to the Internal Examiner.

The above rules would necessitate the re-drafting of the rules on the subject printed in the Calendar.

7. The Intermediate Examination in Agriculture conducted by the Board of High School and Intermediate Education of the United Provinces has been recognized as equivalent to the First Examination in Agriculture of this University, and the LL.B. Degree of the Bombay University, and the B.L. Degree of the Patna University have been recognized for the purpose of admission to the LL.M. Examination of this University. It has been decided that the M.A. Examination in Sanskrit of any of the Indian Universities be accepted under (iii) of Regulation 2 (c) at page 160 of the *Panjab University Calendar* for purposes of admission to the Shastri Examination

of this University. The B.Com. Examination of the Lucknow and Bombay Universities has been recognized as equivalent to the corresponding examination of this University, and the Second Class Teachers' Examination conducted by the Schools Department, Mauritius, as equivalent to the Matriculation Examination of this University.

The LL.B. Degree of this University has been recognized as equivalent to the LL.B. Degree of the Nagpur University for the purposes of admission to a course of study for the LL.M. Degree.

8. The following University Extension Lectures were delivered honorarily during the cold weather of 1932-33 : --

CENTRES.	NAMES OF LECTURERS.	SUBJECTS.
<i>Four Lectures in Vernacular for Ladies exclusively --</i>		
Amritsar	Mrs. G. K. Manmohan Singh, B.A.	"The Physical and Moral Welfare of our Girl Students."
Ludhiana	Miss K. B. Feroz-ud-Din, M.A., M.O.L.	"Women Sovereigns."
Sialkot	Mrs. C. Durga Parshad, B.A., T Dip.	"Indian Womanhood."
Jullundur	Mrs. Sita Ram Kohli, B.A.	"Life in Kashmir."
<i>Twelve Lectures on Scientific Subjects and Humanities --</i>		
Jhang	M. Afzal Hussain, Esq., M.A., I.A.S.	"Desert Locust "
Rawalpindi	L. Chetan Anand, M.A., LL.B.	"Seven Wonders of Scientific World."
Gujranwala	P. Samuels Lall, Esq., M.A., F.R.A.S.	"Our Wonderful Universe."
Hoshiarpur	Dr. H. Chaudhri, M.A., Ph D.	"The Importance of Botanical Instruction in an Agricultural Province like the Panjab "
Peshawar	Dr. H. C. Singh, M.A., Ph D.	"The Wireless of To-day."
Rohtak	N. C. Daruwala, Esq., M.A.	"Modern Drama."
Amritsar	L. Ram Chand Manchanda, B.A., LL.B.	"The Romance of the Land and City of Tanks."
Amritsar	J. W. Thomas, Esq., B.Com., B.Sc.	"The World Economic Crisis."
Patna	Professor D. C. Sharma, M.A.	"Tchehov' as a Writer."
Lyallpur	Professor Jodh Singh, M.A.	"Science and Religion."
Gujrat	Professor Sita Ram Kohli, M.A.	"Gujrat and its Rulers—a Romance of History."
Jammu	Dr. K. N. Sita Ram, M.A., Ph.D.	"Evolution of Hindu Architecture."

For the next session, the Academic Council has decided that single lectures should be arranged by colleges, that the University should arrange definite courses of three lectures on subjects settled in consultation with the centre concerned, and that the experiment should, to begin with, be tried at centres where there are degree colleges and, if possible more than one college. It has been settled that the remuneration for a course of three lectures would be Rs. 75 in all.

9. After considering the report of a Committee, appointed under reference from the Senate, to examine the system of setting the question papers to ensure the maintenance of a proper standard and to see that the papers are set from the fixed syllabuses, the following decisions have been arrived at:—

- (1) Wherever Text-Books are given in the Calendar, it should be made compulsory for the Examiners to mention the Text-Books and edition used when submitting the paper.
(This applies only to the passages for translation so far as the M.A. Examination is concerned.)
- (2) Wherever there is a change in Text-Books, the Examiner should certify that the change has been noted by him.
- (3) In papers where there is a syllabus in place of Text-Books, the Examiner should certify that the syllabus has been carefully read and adhered to and change in syllabus, if any, has been noted.
- (4) The Controller of Examinations should maintain a Library of Text-Books and should check up, as far as possible, whether the right books have been used.
- (5) If the system of noting changes in the syllabus in the shape of foot-notes in the Calendar could be given up, the chances of mistake by the examiners would be minimised.
- (6) In papers in which the Controller of Examinations has any doubt, for example, because the Examiner is inexperienced or not previously connected with this University or the Board has found the last year's paper unsatisfactory, he may make a confidential reference to the Vice-Chancellor and secure the help of a suitable person to scrutinise the paper.
- (7) The Sub-Committees of the School Board and every Board of Studies will nominate two members (in case of Boards of Studies one of the two shall be the Convener) to whom the Controller of Examinations will refer every question paper concerning them, after the conclusion of the examination. If the standard of the paper is approved by them, the paper will be forwarded as a specimen paper to the Examiner for next year with their

remarks. If they disapprove of a paper, the same will be sent to the School Board or the Board of Studies for fuller discussion and the remarks of the Boards will be forwarded to the Examiners by the Controller of Examinations for next year.

10. The following last dates have been fixed for making payments to the examiners for the various examinations specified below, and for various other bills :--

1. All T. A. Bills	}	By the 15th of July.
2. Examiners' Contingency Bills		
3. Assistant Superintendents and In- vigilators		
4. Matriculation Examination remuneration	}	By the 15th of August.
5. Superintendent's Contingency and Remuneration		
6. Consumption and Laboratory Bills ..	}	By the 15th of September.
7. Vernacular and Oriental Examinations ..		
8. Urgent Payments		
9. Intermediate Examination	}	From the 15th Sep- tember to 15th October.
10. Miscellaneous Bills		
11. B.T. Examination		
12. Engineering Examinations		
13. Agricultural Examinations		
14. Medical Examinations		
15. B.A., B.Sc. Examinations	}	By the 31st of October.
16. M.A. Examinations		
17. Law Examinations		
18. Miscellaneous Examinations		

3rd July, 1933.

ISHWAR DAS,
Registrar.

PATNA UNIVERSITY.

1. PERSONNEL.

The following noteworthy changes occurred in the personnel of the University :--

(a) *Senate.*— (i) The Hon'ble Khan Bahadur Sir Muhammad Fakhruddin, Kt., who resigned office as Minister of Education ceased to be an *ex-officio* Fellow. The Hon'ble Khan Bahadur Syed Mohamad Hossain succeeded him.

(ii) Mr. D. C. Gupta who relinquished office as Director of Industries ceased to be a Fellow. Mr. S. Lal, I.C.S., succeeded him.

(b) *Syndicate.* Mr. H. R. Batheja, Lt.-Col. D. Coutts and Mr. F. R. Blair ceased to be Members of the Syndicate.

2. LECTURES.

(i) Mr. W. G. Lacey, I.C.S., University Reader, delivered his lectures on "Some Aspects of the Census Operations of 1931" in January and February, 1933.

(ii) Rai Bahadur Sukhdeo Bihari Misra, Ramdin Reader in Hindi delivered his lectures on "Contribution of Hindi Literature to Indian History."

(iii) Readership lectures on "Some Aspects of the Census Operations of 1931" by Mr. W. G. Lacey, I.C.S.

3. COURSES OF STUDY.

Drawing and Manual Training have been included as optional subjects for the Matriculation Examination.

4. ENDOWMENTS.

(i) Mr. Ali Hasan, Barrister-at-Law, has endowed Rs. 1,413 for awarding annually a medal to be called "Sifton Gold Medal" to the student who secures the highest marks in B.A. Urdu. He has also endowed a further sum of Rs. 965 for awarding annually a medal to be called "MacPherson Gold Medal" to the student who secures the highest aggregate of marks at the B.Sc. Honours Chemistry.

(ii) The Hon'ble Sir Ganesh Datta Singh, Kt., has endowed two lakhs of rupees for the creation of an Education Trust Fund to manage and spend the interest according to the directions given below :-

(a) to establish a co-operative society for helping the deserving poor students by way of loan in all branches of study; if the University is not successful in it, to utilize the interest in helping deserving students by way of loans without interest;

- (b) the University will pay Rs. 100 a month to the Director of Public Instruction for the award of scholarships ;
- (c) the University will pay Rs. 200 a month to the Chairman of the Committee of the Hindu Widows' and Orphans' School at Patna, so long as that school exists.
- (d) the University will pay to the Superintendent of Sanskrit Studies, Bihar and Orissa, Rs. 20 a month for the Mainakumari Sanskrit School at Chattrawan ;
- (e) the University will pay Rs. 15,000 to Lady Sifton for a Child Welfare Centre, if the amount is not paid by the donor from other sources. The donor, however, hopes to arrange for this payment separately ;
- (f) the University will pay Rs. 10,000 to the Pataliputra High School, Patna, out of interest for building, if the school raises the balance of the sum required through other sources ;
- (g) if the interest is not spent as directed, it may be spent in constructing buildings, both medical and educational, including hostels and quarters.

5. EXAMINATION RESULTS—ANNUAL 1933.

	Number appeared.	Number passed.
Matriculation	4,170	1,198
Intermediate Arts	776	292
Intermediate Science	391	148
Bachelor of Arts (Pass)	406	105
Do. (Honours)	131	57 With Honours. 20 Simply Passed.
Bachelor of Science (Pass)	61	12
Do. (Honours)	32	12 With Honours. 6 Simply Passed.
Preliminary Law (January)	197	59
Final Law (January)	152	93
Diploma in Education	77	66
Bachelor of Education	5	4
First M.B., B.S. (December 1932)	36	24
Do. (March 1933)	12	12
Second M.B., B.S., Part I	43	25
Do. Part II	36	22
Final M.B., B.S., Part I	33	14
Do. Part II	29	9
Intermediate in Civil Engineering	24	22
Bachelor of Civil Engineering	26	17

6. MISCELLANEOUS.

(i) Bihar National College, Patna, has been admitted to the B.A. Pass standard in Economics from the session 1933-34.

(ii) Patna College, Patna, and G. B. B. College, Muzaffarpur, have been admitted to the I. A. Standard in Hindi as a principal subject from the session 1933-34.

(iii) Ravenshaw College, Cuttack, has been admitted to the I. A. standard in Oriya as a principal subject from the session 1933-34.

23rd June, 1933.

KAMALA PRASAD,
Registrar.

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