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All communications should be addressed to the Registrar, University of Madras, Triplicane P.O., Madras and not to any person by name.

From
**THE REGISTRAR,
UNIVERSITY OF MADRAS.**

To
The Secretary to Government,
Education and Public Health
Department, Madras.

No. **A1680**
Enclosures **6 copies of Report.**



UNIVERSITY BUILDINGS,
CHEPAUK, TRIPPLICANE P. O.,
MADRAS.

Sir,

Dated, **19 APR 1948**

P. 350 m. Madras
Very clear
P. 1, Part I
28/2/48
I have the honour to state that as required under Section 20 of the Madras University Act, the Annual Report for the Calendar ~~the~~ year 1947 was presented to the Senate at its annual meeting held on the 30th March 1948. I enclose, herewith an extract of the Proceedings of the Senate relating to the adoption of the report.

26 copies of report
15 m. Madras
Six copies of the Annual Report are forwarded, herewith, the receipt of which may kindly be acknowledged.

Your obedient servant,

R. R. Chandrasekhar
Ag. REGISTRAR.

ks/16/4/-9

7

EXTRACT FROM THE MINUTES OF THE ANNUAL MEETING OF THE SENATE
HELD ON THE 30TH MARCH 1948.

(i) BUSINESS BROUGHT FORWARD BY THE SYNDICATE.

The Syndicate presented in accordance with Section 20 of the Madras University Act, the Annual Report of the University for the Calendar year 1947.

THE REV. Dr.A. J. BOYD MOVED

That the Annual Report be adopted.

Mr.P.R.Krishnaswami Ayyangar seconded the motion.

After Diwan Bahadur K.S.Ramaswami Sastriyar had spoken, Mr.S.Tiruvengadathan moved the following resolution, which dropped for want of a seconder:--

That the following words at page 28 in para 37 of the Ninety First annual report be deleted. "THE GENERAL INSPECTION COMMISSION HAS IN ITS VALUABLE REPORT, MADE A COMPREHENSIVE STUDY CONCERNING THE COLLEGES IN ALL ASPECTS AND IT IS HOPED THAT COLLEGES WILL CONFORM TO THE SUGGESTIONS MADE THEREIN TO MAKE UNIVERSITY EDUCATION MORE USEFUL AND BETTER APPRECIATED IN THE PRACTICAL LIFE OF THE ALUMNI OF THE UNIVERSITY."

After Messrs.M.N.Rangachari, C.M.Ramachandran, M.J.Sargu D.Gurumurti and E.N.Subrahmanyam, Mrs.T.Nallamuthu Ramamurti, Mr.A.K.Annaswami and the Rev.Dr.A.J.Boyd had spoken, the motion was put to the vote and carried.

④
E.& P.H.(G.3)

UNIVERSITY - Madras - Annual Report for the year 1947.

C.No.28718/48.

From the Registrar, University of Madras, No.A.1680 dated 19.4.48.

Order/Ms. 1112

Edn., dated 4-5-48

Recorded.

2. Six copies of the report have been received.

The Registrar, Univ. of Madras.

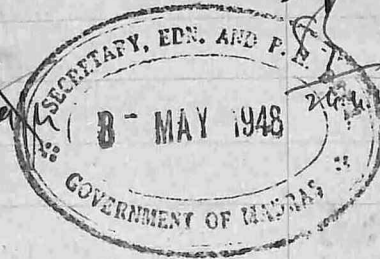
The Exr. of L.F. Accts. (with encl. 1 copy of Report) (W)

The A.G. ✓-do- (ad. 2)

The D.P.I. ✓-do-

1 spare copy.

Note. May be circulated to H.M.(Edn).





THE
NINETY-FIRST ANNUAL REPORT
OF THE
University of Madras
1947



MADRAS :
PRINTED AT ANANDA PRESS.
1948

ANNUAL REPORT 1947.

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UNIVERSITY OF MADRAS

NINETY-FIRST ANNUAL REPORT, 1947.

January 1948.

I. INTRODUCTORY.

The Syndicate presents to the Senate, under Section 20 of the Madras University Act of 1923 as amended in 1929, the following report on the working and progress of the University during the year, 1947, the ninety-first year of its working. The report covers the period from the 1st January 1947 to the 31st December 1947.

2. The activities of the University continued during the year in all respects as in previous years. Mention may be made of the following as some of the noteworthy events of the year :—

(1) The recommendations of the special committee appointed to suggest amendments to the Madras University Act were considered and adopted by the Senate with certain modifications.

(2) The report of the General Inspection Commission (1946-47) was presented to the Senate in November 1947.

- (3) The Diploma Courses in Tuberculosis and in Journalism were opened in January 1947.
- (4) The Regulations for the Engineering Degree were revised and provision has now been made for courses in Automotive Engineering and Textile Technology.
- (5) Provision was made in the laws for temporary recognition or affiliation of colleges to meet the need for opening such colleges owing to the great rush for admission to the University courses of study.
- (6) Provision was also made for admission of students from Universities in Northern India who were, on account of disturbances in their places, not able to continue their courses in those Universities.
- (7) Institution of B.Com. (Hons.) course and framing of the relevant Regulations.
- (8) Introduction of Geology as one of the optional subjects under Part III of the Intermediate course.
- (9) Provision for the award of M.Sc. Degree by Examination.
- (10) Introduction of Practical Examinations in Science subjects for the Intermediate Examination.
- (11) Revision of Regulations in Courses in Geography for the B.A. (Pass and Honours) and B.Sc. (Pass and Honours) Degree examinations.
- (12) Arrangement of Inter-Collegiate and University Lectures for the benefit of Honours and Post-graduate students of the Honours Colleges in

the City and in Tambaram, with the co-operation of teachers in the colleges and in the University Departments.

- (13) Revision of laws relating to rate of subscription and contribution to the Provident Fund in the case of the members of the University staff receiving salaries up to Rs. 300/-.
- (14) Grant of payment of House Rent Allowance and revision of the Dearness Allowance to the members of the University Staff.

II. PERSONNEL.

3. **Chancellor:**—His Excellency the Hon'ble Lt. General Sir Archibald Edward Nye, G.C.I.E., K.C.B., K.B.E., M.C., the Governor of the Madras Province, continued to be the Chancellor of the University throughout the year.

4. **Pro-Chancellor:**—The office of Pro-Chancellor was held by the Hon'ble Sri T. S. Avinashilingam Chettiyar, B.A., M.L., M.L.A., Minister in charge of Education in the Province, till the 28th February 1947, and again from the 28th March 1947 on his becoming again Minister in charge of Education. During this intervening period the Hon'ble Sri K. Bhashyam and the Hon'ble Sri B. Gopala Reddi, held the office of Pro-Chancellor, when they were in charge of Education from 1st March to 23rd March and from 23rd March to 28th March respectively.

5. **Vice-Chancellor:**—Lt.-Col. Diwan Bahadur Sir A. Lakshmanaswami Mudaliyar, B.A., M.D., LL.D., D.Sc., F.R.C.O.G., F.A.C.S., M.L.C., continued to be the Vice-Chancellor of the University.

6. **Registrar:**—Mr. William McLean, O.B.E., J.P., M.A., B.L., *Chartered Secretary*, continued to be the

Registrar of the University up to the afternoon of the 11th July 1947, from which date he went on leave for about 28 months, handing over charge to Mr. R. Ravi Varma, M.A., Assistant Registrar of the University, appointed to act as Registrar. Mr. Ravi Varma is continuing in the appointment as Acting Registrar.

The post of Assistant Registrar has been kept vacant from the above date.

III. UNIVERSITY AUTHORITIES.

(a) Constitution.

7. Vacancies on the Authorities—the Senate, the Syndicate, and the Academic Council—that occurred during the year, on account of efflux of time or by resignation or by termination of appointment or membership of the electorates, were filled by election or nomination, as the case might be and wherever possible.

8. **Faculties** :—The new members of the Academic Council were assigned to one or other of the Faculties.

9. In the vacancies that occurred during the year in the Presidentship of the Faculties in Arts, Science, Medicine, Teaching and Fine Arts, the following persons were elected :—

Arts :—

Sri V. R. Ramachandra Dikshitar, M.A.

Science :—

Sri S. G. Manavala Ramanujam, M.A., Ph.D.

Medicine :—

Dr. P. V. Cherian, M.B.E., M.B.B.S., F.R.F.P.S. (Glas.), F.R.C.S. (Edin.), D.L.O., R.C.S. (Lond.)

Teaching :—

Sri T. V. Apparsundara Mudaliyar, M.A., L.T., M.Ed.

Fine Arts :—

Sri P. Sambamurti, B.A., B.L.

The Presidentship of the Faculty of Commerce was vacant at the end of the year.

10. **Boards of Studies** :—Appointments to the Boards of Studies to fill vacancies which occurred during the year, from time to time, were made by the Syndicate wherever necessary. Other appointments to the Boards were also made wherever necessary.

(b) Meetings.

11. **The Senate** :—Two ordinary meetings of the Senate were held during the year—the Annual Meeting on the 28th March 1947, with an adjournment to the 29th March 1947, and the other Meeting on the 14th November 1947.

A Special Meeting of the Senate was also held on the 13th November 1947 to consider the recommendations regarding amendments to the Madras University Act of 1923, (as amended in 1929 and later) and two other subjects. The average attendance was nearly 62 per cent. Meetings of Convocation, for conferring Degrees on graduates, were held on the 20th February 1947 and on the 6th and 7th October 1947. A Special Meeting of the Senate was held on the 14th November 1947 for awarding Titles and Diplomas.

12. **The Syndicate** :—Eleven Ordinary meetings and four Special meetings of the Syndicate were held during the year. Routine and urgent matters of business were transacted, whenever necessary, in circulation.

13. **The Academic Council** :—There were two Ordinary Meetings of the Academic Council, one on the 21st February 1947 and another on the 26th September 1947. The average attendance at the meetings was more than 73 per cent.

14. **The Standing Committee of the Academic Council** :—The Committee met on four occasions during the year, viz., on the 20th January, 10th March, 7th May and 22nd August 1947. The Committee also transacted business in circulation whenever necessary.

15. **Boards of Studies** :—The annual meetings of the Boards of Studies in all languages and subjects, except those in Hebrew and Syriac, Anthropology, Drawing and Architecture and Western Music, were held during the year.

Special meetings of the Boards of Studies in Philosophy, Economics, Geography, Physics, Chemistry, Botany, Zoology and Home Science were held in January to consider and make recommendations on the report of the Special Committee appointed to review the courses of studies in the Humanities and Science subjects. The Boards of Studies in Medicine and in Engineering also met twice during the year.

(c) **General.**

16. The Syndicate reports with regret the death, during the year, of the following persons who were some time members of one or more of the University Authorities :—

Diwan Bahadur Dr. S. Krishnaswami Ayyangar.
Khan Sahib D. Abdul Rawoof.
Mr. H. S. Duncan.
Sri S. Venkatachalam.

Sri Watrap S. Subrahmanya Ayyar.
The Rt. Rev. H. Whitehead.
Dr. George Matthai.
Dr. Kazi Syed Moinuddin.
Malang Ahmed Batcha Sahib Bahadur.
Sri M. Varadarajan.

Suitable references were made at the meetings of the University Authorities, of which the above persons had been members, and resolutions of condolence were passed.

The Senate also placed on record its deep sense of sorrow at the death of Mr. Francis Dewsbury, a former Registrar of the University.

IV. LEGISLATION.

(i) **Statutes.**

17. At the two meetings of the Senate, the following alterations in, and additions to, the Statutes were adopted :—

(Volume I, Part I, Calendar, 1945-46)

- (1) Alterations in the Statutes governing University Professors, etc., and Provident Fund—Chapters IX and XXV—consequent on the increase in the rate of contribution and subscription from $6\frac{1}{4}$ per cent to $8\frac{1}{2}$ per cent in the case of members of the establishment receiving salaries up to Rs. 300/- from the 1st April 1945, and the suggestion of the Audit that a new rule may be framed permitting a subscriber to subscribe to the Provident Fund during his period of leave without pay.
- (2) Alterations in Statute 2 of Chapter XXI—Convocations for conferring Degrees—fixing 15th of January and 15th of July respectively

UNIVERSITY OF MADRAS

as the last dates for receipt of applications for taking degrees at Convocations to be held in February and August, with a view to extending the interval between the last date for the receipt of applications and the date of the Convocation from 15 days to a longer period consequent on the large increase in the number of candidates applying for the Convocations.

- (3) Alterations in Statute 3 of Chapter XXV—Provident Fund—with a view to permitting certain members of the Establishment who were in the pensionable service in the University and had elected to come under Provident Fund in 1929, to revert to the Pension Scheme under certain conditions.

- (4) Addition of a Statute to the Statutes in Chapter XXVI—Recognition, Affiliation and Approval of Colleges—empowering the Syndicate to allow temporary affiliation or recognition of colleges for the Intermediate or Degree Courses in 1947-48 only, for a period of two years, subject to certain stipulated conditions, consequent on the large number of students seeking admission to colleges, particularly in the Junior Intermediate Class.

- (5) Alterations in Statute 23 of Chapter XXIX—Studentships, Grants-in-aid of Research, etc.,—including *Urdu* and *Hindi* in the list of languages (Tamil, Telugu, Kannada and Malayalam) in which prizes for the encouragement of publication of works on modern subjects are awarded by the University.

ANNUAL REPORT

- (6) Alterations in Statute 1(a)—Examination Fees—of Chapter XXXVII,

- (a) prescribing an additional examination fee for each science subject under Part III of the Intermediate Examination, in which a practical test has been newly introduced;

- (b) prescribing the examination fee for Ophthalmology, consequent on the transfer of Ophthalmology from Part II of the Second M.B.B.S. Examination to Part I of the Final M.B.B.S. Examination and other consequential alterations;

- (c) prescribing examination fees for the Engineering Degree under the New Regulations, consequent on the introduction of practical examinations in as many subjects as possible; and

- (d) prescribing examination fees for Parts I and III of the B.Com. Degree Examination, consequent on the transfer of the paper on *Precis Writing and Business Correspondence* from Part I to Part III.

The above alterations in, and additions to, the Statutes were, in accordance with Section 30(3) of the Act, duly submitted to His Excellency the Chancellor and his assent was received.

(ii) Ordinances.

18. The following alterations in, and additions to, the Ordinances were made by the Syndicate during the year and duly submitted to His Excellency the Chancellor

and the Senate, as required under Section 32(2) of the Act:—

(Volume I, Part II, Calendar, 1945-46)

- (1) Alterations in Ordinance 1(a) (i) of Chapter XXXIV—Admission of Holders of Secondary School Leaving Certificates to University Courses of Study—including Fisheries Technology as a subject under Group C of the S.S.L.C. Scheme.
- (2) Alterations in the Ordinance governing dates for payment of examination fees, dates of commencement of examinations, last date of publication of results, etc.,—Chapter XXXVIII—prescribing the several dates—(a) for the Diplomas in Tuberculosis and in Journalism consequent on the decision to give effect to the above Diplomas from the beginning of the calendar year 1947, instead of from the academic year 1947-48; (b) for the examinations in Engineering (First B.E., Second B.E., Third B.E. and the Final B.E. Degree Examinations) according to the New Regulations; and (c) for the B.V.Sc. Degree Examinations (*under the Old Regulations*) consequent on there being common question papers in certain subjects for the examination under the Old and Revised Regulations.
- (3) Alterations in Ordinance 3(5) of Chapter XLI—Matriculation Examination—changing the nomenclature of the subjects “Outlines of the History of Great Britain and Ireland” and “Outlines of the History of India” for the Matriculation Examination to “Movements in

History” and “History of India” respectively, to fall into line with the change effected by the Secondary Education Board for the S.S.L.C. Examination under Group C of the Scheme.

(iii) Regulations.

19. The following alterations in, and additions to, the Regulations, made by the Academic Council during the year, were placed before the Senate, as required under Section 33 of the Act:—

(Volume I, Part II, Calendar, 1945-46)

- (1) Alterations in Regulation 9(j) of Chapter XL—Admission to Examinations and Exemption from Annual or Term Certificates—with regard to the admission of *bona fide* teachers with Science subjects under Part III of the Intermediate Examination, so as to provide where necessary for the production of certificates of their having done the practical laboratory work in the subjects concerned, consequent on the introduction of Practical Tests in Science subjects for the Intermediate Examination.
- (2) Alterations in the Regulations governing the Intermediate Examination—Chapter XLII—consequent on the introduction of Practical Tests in Physics, Chemistry, Natural Science, Geography, and Household Art under Part III of the course, and with a view to reducing the marks in the theory papers from 150 to 100 to maintain uniformity in the maximum prescribed for all the subjects under Part III, and allotting 40 marks for the Practical Examination and 10 marks for Notebooks.

- (3) Addition of a Transitory Regulation to the Regulations governing the Intermediate Examination with a view to permitting candidates who have failed in the Intermediate Examination in or prior to September 1947 to take the examination without a practical test under the Old Regulations till the examination of September 1950.
- (4) Addition of a Transitory Regulation to the Regulations governing the B. A. Degree Course—Chapter XLIII—making provision for candidates who have not passed the B. A. Degree Examination in Group (iii-b) Philosophy (now defunct) by 1948 to sit for the examination till the examination of March 1950.
- (5) Alterations in the Regulations governing B. A. and B. A. (Honours) Degree Courses—Chapters XLIII and XLIV—consequent on (a) the revised scheme of examination to replace the present Group (iii-c) Psychology of the B. A. Degree Examination, (b) change in the name of the paper "Psychology" under B. A. Group (iii-a) and under Branch II—Philosophy—of the B. A. (Honours) Degree Examinations to "General Psychology", and (c) the introduction of a new Branch—Psychology—under Part II of the B. A. (Honours) Degree Course as Branch II-B, designating the existing Branch II as II-A (Philosophy).
- (6) Alterations in the Regulations governing the M.A. Degree—Chapter XLV—(a) making provision for Bachelors of Arts, who have also taken an Oriental Title, to appear privately for

the M.A. Degree Examination in the language in which they have taken the Title, and (b) extending the Transitory Regulation (6) to five more years (*i. e.* till the end of the academic year 1952-53).

- (7) Alterations in the Regulations governing the B. Sc. (Honours) Degree Course—Chapter L—prescribing Physics alone as the subsidiary subject for candidates offering Chemistry as the main subject for the B. Sc. (Honours) Degree Examination.
- (8) Addition of a new Chapter *re* Regulations for the M. Sc. Degree by examination after Chapter L governing the B. Sc. (Honours) Degree Course.
- (9) Alterations in the Regulations governing the M. B. B. S. Degree Course—Chapter LVI—consequent on the introduction of Practical Tests in Physics, Chemistry and Natural Science for the Intermediate Examination, and the continuance of the Pre-Registration course and examination upto 1950 for the benefit of such candidates as do not comply with the above revised Regulations.
- (10) Alterations in the Regulations governing the M. B. B. S. Degree Course—Chapter LVI—consequent on the transfer of Ophthalmology from Part II of the Second M. B. B. S. Examination to Part I of the Final M. B. B. S. Examination (among the clinical subjects).
- (11) Alterations in Regulation 8 (2) of Chapter LVI—M.B.B.S. Degree Course—so as to render Pass Graduates with Chemistry as the main

subject also eligible for exemption from Part I of the First M.B.B.S. Examination (*viz.*, Organic Chemistry).

- (12) Alterations in Regulation 45 of the above Chapter giving effect to the suggestions of the Medical Council of India with regard to L. M. Ps. proceeding to the M. B. B. S. Degree.
- (13) Alterations in the Regulations in Chapter LVII governing the M. Sc. Degree (common to the Faculties of Medicine and Veterinary Science), with a view to making holders of the B. Sc. Degree in Pharmacy also eligible to apply for the M. Sc. Degree.
- (14) Alterations in the Regulations governing the M. D. and M. S. Degree Examinations—Chapters LVIII and LIX—with a view to enabling candidates to present a consolidated report on twenty cases on a chosen topic with a critical evaluation as an alternative to the present system of 20 case sheets, etc.
- (15) Alterations in the Regulations governing the Post-Graduate Diplomas in Medicine and Surgery—Chapter LX—consequent on the newly instituted Diploma in Tuberculosis taking effect from the 1st January 1947 and *not* from the academic year 1947-48.
- (16) New Regulations for the B.E. Degree Course—Chapter LXIII—consequent on (a) the introduction of Automotive Engineering and Textile Technology as additional branches of study, (b) abolition of the sessional marks and substitution of practical examinations in as many subjects as possible and (c) making provision for candidates failing in the First

B.E. Examination being permitted to go to the Second Year Class and take the First B.E. and Second B. E. Examinations together, and those failing in the Third B. E. Examination being permitted to go to the Fourth Year Class and take the Third B. E. and Final B. E. Degree Examinations together.

- (17) Alterations in the Regulations governing the B. T. Degree Course—Chapter LXIV—laying down the initial qualification to be required of candidates for the B. T. Degree Examination in the matter of selecting the two subjects to be offered under *E. Methods of Teaching* (Optional Subjects), with exemption in the case of Geography and Music for a period of three years.
- (18) Alterations in the Regulations governing the B. Sc. (Tech.) Degree Course—Appendix to Volume I, Part II, Calendar, 1945-46—consequent on certain changes in the scheme of examination in Chemical Engineering and Textile Technology Branches.
- (19) Alterations in the Regulations governing the B. Com. Degree Course—Chapter LXIX—consequent on removing the paper on *Precis Writing and Business Correspondence* from Part I and including it in Part III carrying 100 marks and to be of three hours' duration.
- (20) Revised Regulations for the Diploma Course in Journalism—Chapter LXXIV—consequent on the change in the nomenclature of certain subjects and the decision to hold the course during the calendar year instead of the academic year—to be substituted for the

Regulations placed before the Senate in November 1946.

V. CONSTITUENT AND AFFILIATED INSTITUTIONS.

20. During the year, the Osmania College, Kurnool, a new college was granted affiliation under the ordinary laws and seven more colleges were permitted to open classes on a temporary basis, subject to certain specific conditions. The Government Brennen College, Tellicherry, and St. Albert's College, Ernakulam, which were raised to first grade, opened classes for the B. A. Course. One Oriental College has opened Vidvan classes in Hindi from this academic year and two Oriental Title Institutions ceased to function.

21. The number of constituent, affiliated and oriental colleges at the end of the year (31st December 1947) distributed according to the several Faculties (in which courses are taught) was as follows:—

Faculty.	Constituent Colleges.	Affiliated Colleges.
<i>Arts and Science—</i>		
Second Grade Colleges (teaching up to Intermediate course) ...	1	7
First Grade Colleges (Intermediate, B.A. and/or B.Sc. Courses) ...	4	33
First Grade Honours Colleges (Intermediate, B.A. and/or B.Sc. Pass and Honours) ...	4	3
<i>Law—</i>		
B.L. ...	1	...

Faculty.	Constituent Colleges.	Affiliated Colleges.
<i>Medicine—</i>		
M.B.B.S. ...	...	1
M.B.B.S., M.D., M.S. ...	1	...
M.B.B.S., B.S.Sc., B.Sc. (Pharmacy), M.D., M.S. and Diploma courses. }	1	...
B.Sc. (Nursing.) ...	...	1
<i>Engineering—</i>		
B.E. ...	1	1
<i>Teaching—</i>		
B.T. and M.Ed. ...	4	...
B.T. ...	...	2
<i>Agriculture—</i>		
B.Sc. (Ag.) ...	...	1
<i>Veterinary Science—</i>		
B.V.Sc. ...	1	...
<i>Technology—</i>		
B.Sc. (Tech.) ...	1	...
<i>Commerce—</i>		
B.Com. ...	3	7
<i>Oriental Learning—</i>		
B.O.L. ...	1	...
<i>Oriental Colleges.</i>		
<i>Oriental Titles—</i>		
Siromani and Vidvan... 8	Munshi-i-Fazil and/or	} 4
Siromani only ... 7	Atfal-ul-Ulama or	
Vidvan only ... 5	Adib-i-Fazil	
Sangita Siromani ... 1		

22. The following Institutions which had applied for recognition or affiliation, under the Laws of the University on or before the 31st October 1946, were granted recognition, affiliation or approval as the case might be, in the courses mentioned against each, with effect from the academic year 1947-48 :—

- (1) *Government Muslim College Madras :*
Intermediate—Part III—Psychology.
- (2) *Presidency College, Madras :*
Intermediate and B.A.—Part II—Hindi.
- (3) *Vivekananda College, Madras :*
Intermediate—Part III—Indian History.
B.Sc.—Part II—Physics (Main), Mathematics and Chemistry (Subsidiary).
B.Com.—Part I—English; Part II—Hindi, Tamil, and Telugu; Part III—Insurance and Transport (Optional Subjects).
B.A. (Hons.).—Branch IV—Economics.
- (4) *Government College for Muslim Women, Madras:—*
Intermediate—Part II—Telugu.
B.A.—Part III—Gr. (v)—Urdu and its Related Subject.
- (5) *Government Arts College, Anantapur:*
B.A.—Part III—Gr. (v)—Kannada with its Cognate Subject or Related Language—Sanskrit.
- (6) *Government College, Coimbatore:*
Intermediate—Part II—Hindi.
Part III—Elements of Commerce and Accountancy; and Economic

History of England and Economic Geography.

B. Com.—Part II—Hindi.

(7) *St. Albert's College, Ernakulam :*

Intermediate—Part II—Hindi and Latin; and B.A.—Part I—English; Part II—Malayalam and Sanskrit; Part III—Gr. (i-b)-Mathematics; (iv-a)-History and Economics; (iv-b)-Economics and History.

(8) *Maharaja's College, Ernakulam:*

B.Sc.—Botany (Main).

(9) *St. Teresa's College, Ernakulam:*

Intermediate—Part III—Mathematics, Physics and Chemistry.

(10) *Government College, Kumbakonam:*

Intermediate—Part III—Psychology.

B.A.—Part III—Gr. (v)—Tamil with Early South Indian History.

B.Sc.—Part II—Chemistry (Main), Physics and Mathematics (Subsidiary).

(11) *The Osmania College, Kurnool:*

Intermediate—Part I—English.

Part II—Arabic, Persian, Urdu and Telugu.

Part III—Mathematics, Physics, Chemistry, Natural Science, Elements of Commerce and Accountancy, Ancient History, Modern History, Islamic History, Indian History, and Group D—Urdu.

B.A.—Part I—English.

Part II—Arabic, Persian, Urdu and Telugu.

Part III—Group (iv-b)—Economics and History.

„ (iv-d)—Islamic History and Culture.

B.O.L.—Part I—English.

Part II—Arabic, Persian and Urdu.

(12) *American College, Madura.*

B.Com.—Part I—English.

Part II—Hindi.

Part III—Co-operation and Statistical Methods (*Optional Subjects*).

(13) *Madura College, Madura:*

B.Com.—Part I—English.

Part II—Tamil and Hindi.

Part III—Transport, Insurance and Co-operation (*Optional Subjects*).

(14) *St. Agnes College, Mangalore:*

Intermediate—Part III—Household Art.

(15) *Government Victoria College, Palghat:*

B.A.—Part III—Gr. (v)—Malayalam and its Cognate Subject.

(16) *Government Brennen College, Tellicherry:*

B.A.—Part I—English; Part II—Sanskrit and Malayalam and Part III—Group (i-b)—Mathematics and Group (iv-b)—Economics and History.

(17) *Sacred Heart College, Thevara:*

B.Sc.—Part II—Chemistry (Main), Mathematics and Physics (Subsidiary).

(18) *Islamiyah College, Vaniyambadi:*

Intermediate—Part III—Islamic History, and Group D—Urdu.

B.A.—Part III—Group (iv-b)—Economics and History.

„ (iv-d)—Islamic History and Culture.

(19) *Lady Willingdon Training College, Madras:*

B.T.—Methods of Teaching Music.

(20) *Sri Venkateswara College for Oriental Learning, Tirupati:*

Vidvan under Regulation 2 (ii) (b)—Hindi (Main) and Sanskrit (Subsidiary).

23. The Syndicate also considered the problem arising out of the large number of students who were not able to find admission to colleges, particularly in the Intermediate Class and resolved to grant, subject to ratification by the University Authorities concerned, temporary affiliation or recognition to certain colleges for a period of two years, on specific conditions stipulated. The following draft Statute placed before the Academic Council and the Senate was approved.

That the following Statute be added at the end of Chapter XXVI—Recognition, Affiliation and Approval of Colleges—Vol. I, Part I, Calendar, 1945-46:—

“ 34. Notwithstanding the provisions contained in the above Chapter, it shall be competent

for the Syndicate to allow temporary affiliation or recognition of colleges either for the Intermediate or Degree Courses in the academic year 1947-48 only, subject to such conditions as the Syndicate may determine on each application. Such temporary affiliation or recognition shall be only for a period of two academic years and shall not be renewable, subject to the proviso that students promoted from the Junior Classes to the Senior Classes in 1948-49 shall be permitted to complete their courses in the Senior Classes in the Colleges concerned."

24. The following were the institutions which were granted temporary recognition/affiliation in July 1947.

1. *Stella Maris Women's College, Mylapore, Madras.*

Intermediate: Part I—English.

Part II—French, Tamil, Telugu, Malayalam, and Hindi.

Part III—Mathematics, Logic, Indian History, Ancient History, Modern History, and Music.

2. *Dr. Alagappa Chettiar College, Karaikudi.*

Intermediate: Part I—English.

Part II—Sanskrit and Tamil.

Part III—Mathematics, Logic, Indian History, Modern History, and Elements of Commerce and Accountancy.

B.A.: Part I—English.

Part II—Sanskrit, and Tamil.

Part III—Group (i-b) Mathematics.

Group (iv-b) Economics and History.

B.Com.: Part I—English.

Part II—Hindi.

Part III—Insurance and Transport (Optional Subjects).

3. *Raja Doraisingam Memorial College, Sivaganga.*

Intermediate: Part I—English.

Part II—Sanskrit, Tamil, and Hindi.

Part III—Mathematics, Logic, Indian History, Ancient History, Modern History, and Elements of Commerce and Accountancy.

4. *Senthikumara Nadar College, Virudhunagar.*

Intermediate: Part I—English.

Part II—Tamil.

Part III—Mathematics, Logic, Indian History, Modern History, and Elements of Commerce and Accountancy.

B.A.: Part I—English.

Part II—Tamil.

Part III—Group (i-b) Mathematics.

Group (iv-a) History and Economics.

Group (iv-b) Economics and History.

5. *P. S. G. Arts College, Coimbatore.*

Intermediate: Part I—English.

Part II—Sanskrit, and Tamil.

Part III—Mathematics, Indian History, Modern History, and Elements of Commerce and Accountancy.

6. *Government Arts College, Chittur (Cochin State).*

Intermediate: Part I—English.

Part II—Sanskrit, Tamil, Malayalam, and Hindi.

Part III—Mathematics, Logic, Indian History, Modern History, Elements of Commerce and Accountancy, Music, and Group D (Malayalam and Sanskrit).

B.A.: Part I—English.

Part II—Sanskrit, Tamil, Malayalam, and Hindi.

- Part III—Group (i-b) Mathematics.
 Group (iii-a) Philosophy.
 Group (iv-a) History and Economics.
 Group (iv-b) Economics and History.
 Group (iv-c) Politics and History.

7. *Kerala Varma College, Trichur.*

Intermediate: Part I—English.

Part II—Sanskrit, Malayalam, and Hindi.

Part III—Mathematics, Logic, Indian History, Ancient History, Modern History, Elements of Commerce and Accountancy, and Group D (Malayalam, Sanskrit and Hindi).

B.A.: Part I—English.

Part II—Sanskrit, Malayalam, and Hindi.

- Part III—Group (i-b) Mathematics.
 Group (i-c) Statistics.
 Group (iv-a) History and Economics.
 Group (iv-b) Economics and History.

25. Applications for further or fresh recognition, affiliation or approval, as the case might be, including applications for permanent affiliation from the Colleges opened in August 1947 with a view to opening classes from the academic year 1948-49, have been received before the 31st October 1947, from fifty institutions, of which twelve are for new Colleges—for the names of colleges and courses proposed to be opened *vide* Appendix A. The applications are under consideration and further information wherever required has been called for.

26. It will be noticed that besides 30 existing colleges which have applied for permission to open new and additional courses of studies, six of the seven new colleges granted temporary affiliation in July-August 1947 under the transitory provision have applied for permanent affiliation in the subjects already taught in the institution and

The Syndicate while recording the communication authorized the Vice-Chancellor to address the Nizam's Government outlining the process by which the Nizam College would automatically be disaffiliated from the Madras University and expressing the appreciation of the University for the cordial relations which have existed over the long period of years during which the college was affiliated to this University.

Accordingly the College is conducting classes for the senior students in the Intermediate, B.A., and B.Sc., courses and the fourth and fifth year of the B.A. (Hons.) course this year. In the academic year 1948-49 only the final year Honours and post-graduate students will be studying in the college to appear for the Madras University examination. The college will entirely cease to be affiliated to the Madras University from the end of the academic year 1948-49.

29. **Admission to Colleges :—**It was anticipated also this year that there would be a great pressure for admission to the different Colleges owing to a large increase in the number of students for the Secondary School Leaving Certificate examination in March 1947. A circular was sent to the Principals of Colleges in Arts and Science requesting them to report as to the number of students that could be admitted in each College taking into consideration the accommodation, the teaching staff, equipment and other facilities available. Permission to admit more students was granted in as many cases as possible and the actual number that could be permitted in each college was communicated to the Principals of the colleges concerned. The additional number thus permitted to be admitted was about 1,500 in Science subjects and 400 in the Humanities.

30. The number of students admitted in July 1947 in the Junior Intermediate class was 12,500 and the corresponding

for affiliation in science subjects. Applications have been received for affiliation in Arts and Science courses from ten new institutions of which three are mainly for women students. An application for affiliation of an Engineering College at Anantapur has also been received from the Director of Public Instruction, Madras. Three institutions—one for Tamil Vidvan course and two for the Afzal-ul-Ulama and Munshi-i-Fazil courses—have applied for approval in the Oriental Titles. It will also be observed that Commerce courses are becoming more popular and applications have been received from two colleges in Madras to open Honours courses in Commerce and from nine institutions including the new colleges for B. Com. Pass course. It is hoped that the opening of new colleges and new courses in colleges will greatly relieve the growing pressure for admission to colleges.

27. The Director of Public Instruction, Cochin State, stated in June 1947, that the Government had held in abeyance the question of further affiliation of Maharaja's College, Ernakulam in Branch III-Chemistry-as main subject in the B. Sc. (Hons.) Course and has now renewed the request for affiliation from July 1948 stating that the Government has accepted the recommendations made by the Commission. The correspondence is now under consideration of the Syndicate.

28. The Secretary, Educational Department, H. E. H. the Nizam's Government, Hyderabad, stated early in 1947, that the Government have decided to have the Nizam College, Hyderabad, affiliated to the Osmania University from the beginning of the academic year 1947-48 and requested the continuance of the affiliation of the college to the Madras University for the minimum period required for the students who had joined the Junior classes in July 1946 to complete their course to appear for the respective examinations of the Madras University.

number in July 1941 was 7,520, in July 1944 was 8,590, in July 1945 was 9,280, and in July 1946 was 10,750. The number of students admitted in the newly opened colleges which were granted temporary affiliation was 570 in Intermediate, 120 in B.A. and 50 in B. Com. Courses.

31. **Admission of Women Students** :—The rush for admission of women students was greater than usual. Permission was granted for admission of increased number of women students in both women's Colleges and in men's Colleges. The number of women students studying in women's colleges was about 2,800 and in co-educational institutions 1,950 during the year under report.

32. The total number of students undergoing Arts and Science courses is about 29,370 and the number undergoing professional courses during the academic year 1947-48 is as follows:—Law 608; Medicine 1,650; Engineering 900; Agriculture 290; Veterinary Science 195; Teaching 410; (B. T. 390; M. Ed. 20); Technology 75; Commerce (B. Com.) 700 and in Diploma Classes (conducted in the University) 190.

33. **Hostels** :—Increased provision for hostel accommodation has been made in several colleges. Out of a total number of about 33,750 students, 14,200 are reported to be residing in College hostels or approved hostels and about 3,000 in lodgings approved by College authorities and the rest with their parents, relatives or guardians.

34. **Concurrent courses** :—It was mentioned when the concurrent courses were started in 1944-45, that the proposal would be a provisional one and be given a trial and that the question would be reviewed at the end of the third year. In view of the increased admissions made in recent years particularly in the beginning of the academic

year, many colleges expressed their unwillingness to open such courses and Syndicate resolved therefore that concurrent courses in colleges be dropped from this year (October 1947).

35. General Inspection Commission:—The three colleges, *viz.*, those at Palghat, Coimbatore and Salem, which remained to be inspected, were inspected by the Commission early in March 1947. The General Report of the Commission was presented to the Senate at its special meeting held on the 13th November 1947. Further action on the recommendations of the Commission will be taken after the Senate adopts the report. Reports on individual colleges will, as usual, be considered by the Syndicate when received from the Commission, and further action taken thereon.

36. Medical Studies:—The Medical Council of India has arranged for an inspection of the Medical Institutions under the control of the University and of the examinations with a view to ascertaining the standard and efficiency of the colleges and course of studies, etc. The Inspectors arrived in December 1947 for inspection in connection with the examinations held in that month.

37. General:—The usual returns from colleges regarding courses of study, annual administration, medical inspection, etc., were received and considered by the Syndicate. Suitable action has been taken wherever called for. The General Inspection Commission has in its valuable report, made a comprehensive study concerning the colleges in all aspects and it is hoped that colleges will conform to the suggestions made therein to make University education more useful and better appreciated in the practical life of the alumni of the University.

38. Medium of Instruction in Indian Languages in B.A. Course:—It was mentioned in previous reports that two Colleges—Government College, Coimbatore and Salem College, Salem,—had been giving instruction through the medium of Tamil to students in Intermediate classes in History and Logic. The National College, Trichinopoly has been giving instruction in History subjects in Tamil as well as in English from the academic year 1947–48.

The Syndicate considered the further action to be taken regarding course of instruction for the B.A. Degree examinations with a view to enabling those who pass the Intermediate Examination after receiving instruction in certain subjects of the examination through the medium of the mother tongue under paragraph 2 of Ordinance 6 of Chapter XXXVI of the Laws of the University and resolved that similar facilities be given to Colleges to continue teaching in subjects in the mother tongue in the B.A. Degree course also from the academic year 1948–49 and necessary alterations and additions to the Laws are being placed before the University authorities concerned.

39. Admission of Refugee Students:—In September 1947, the Government of India addressed the University in the matter of giving facilities for admission into colleges in this University of students who were not able to continue their courses in the Universities and colleges in Northern India and other places owing to disturbed conditions. Several individual applications had also been received from such candidates for admission in colleges. The Syndicate considered the matter and resolved to give necessary facilities for admission of such refugee students for continuance of their course and for taking the examinations and degrees in this University and to make the following addition to Ordinances:—

That the following be *added* as Ordinance 8 of Chapter XXXV—Admission to Courses of Study—Vol. I, Part II, Calendar, 1945-46 :—

- “8. Notwithstanding anything that may be contained to the contrary in the Laws of the University, it shall be competent for the Syndicate, with regard to students whose courses of studies are shown to the satisfaction of the Syndicate to have been interrupted owing to disturbed conditions in certain Provinces in the year 1947, to dispense with a strict compliance with the Laws, as may be decided in each and every case, in regard to admission to courses of studies or attendance at courses of this University or such other conditions as may be laid down in the Laws.

VI. COURSES OF STUDY AND EXAMINATIONS.

40. Admission to University Courses:—A pass in the Matriculation Examination of the University or of any other University accepted as equivalent thereto or eligibility on the results of the S.S.L.C. or the E.H.S. Examination of the Province or the Entrance Test conducted by any other recognised University or Board accepted by the Syndicate, continued to be the qualifying test for admission to the Intermediate classes.

The Syndicate has approved the proposal for inclusion of Fisheries Technology as one of the subjects qualifying for eligibility for University Courses.

41. S.S.L.C. and E.H.S. Examinations—Eligibility :—The Rules for declaration of eligibility to University courses of study on the results of these examinations remained the same as for last year.

The number of candidates who appeared for the S.S.L.C. Examination in Madras and Cochin in 1947 and who were declared eligible was as follows:—

	Madras.	Cochin.	Total.
Number appeared taking subjects eligible for a University course of study.	27,783	4,418	32,201
Number declared eligible.	15,335	3,002	18,337

Of these, 158 were below the age limit fixed for admission to University Courses.

42. Examinations.—The examinations were as usual held at the several centres notified.

The following statement gives information, in brief, of the number of candidates that appeared for and passed in the examinations and the numbers that qualified for the Degrees, Titles and Diplomas of the University during the year:—

Examination.	No. Examined.	No. Passed.	No. qualified for Degree or Title or Diploma.
Matriculation	1,247	337	...
Intermediate	14,083	5,902	...
" (Part I only—for admission to B.O.L.)	79	24	...
B.A.—Part I	2,700	1,900	1,667
B.A.—Part II	1,850	1,725	
B.A.—Part III	2,900	2,000	
B.A. (War)	128	109	109
B.Sc.—Part I	1,580	990	819
B.Sc.—Part II	1,296	807	
B.A. (Hons.)—Preliminary	394	282	...
B.A. (Hons.)—Final	276	276	268
M.A.	100	79	79
B.Sc. (Hons.)—Part I	76	64	85
B.Sc. (Hons.)—Part II (Main)	93	87	
Do. do. (Subsidiary)	69	66	...
B.T.	492	391	391
M.Ed.	23	21	21

Examination.	No. Examined.	No. Passed.	No. qualified for Degree or Title or Diploma.
F.L.	487	248	...
B.L.	393	248	248
M.L.	12	1	1
Pre-Registration	357	235	...
1st M.B. & B.S.—Part I	266	216	...
Do. —Part II	394	192	...
2nd M.B. & B.S.—Part I	279	223	...
Do. —Part II	317	216	...
Final M.B. & B.S.—Part I	260	211	...
Do. —Part II	397	196	196
M.D.	34	8	8
M.S.	14	5	5
D.G.O.	12	6	6
D.O.	7	6	6
D.L.O.—Part I	9	7	...
D.L.O.—Part II	5	4	4
B.S.Sc.—Part I	2	1	...
B.S.Sc.—Part II	1	...	...
B.Sc. (Pharmacy)—Prely.	22	11	...
B.Sc. (Pharmacy)—Final	16	8	8
B.Sc. (Tech)—Part I	38	33	...
B.Sc. (Tech)—Part II	31	27	27
F.E.—Part I	281	202	93
Do. Part II	218	164	
B.E.—Part I	155	127	
Do. Part II	102	93	...
B.E. (Old Regulations)	14	...	...
B.Sc. (Ag.) First Examination	103	95	...
Do. Second Examination	94	83	...
Do. Final Examination	80	77	77
B.V.Sc. (Preliminary.)	112	63	...
Do. Intermediate Part I	42	17	...
Do. Do. Part II	28	20	...
Do. (Final)	15	13	13
B. Com. Part I	445	294	156
Do. Part II	233	177	
Do. Part III	289	154	
B.O.L.—Part I	45	24	23
Do. Part III	57	32	
B.O.L. (Hons.)—Part I	13	5	
B.O.L. (Hons.)—Part II	1	1	...
Oriental Titles—Preliminary	312	227	...
Final	394	253	245
Entrance Test to Oriental Title Course	534	319	...
Entrance Test to Intermediate—Group D.	166	59	...
Sangitha Siromani—Preliminary	3	1	...

Examination	No. Examined.	No. Passed.	No. qualified for Degree or Title or Diploma.
Diploma in Economics	1	...	...
Certificate in Modern European Languages—French	4	4	...
German	14	12	...
Diploma in Modern European Languages—French	2	2	2
German	4	4	4
Diploma in Geography	4	2	2
Diploma in Indian Music	14	8	8
Diploma in Politics and Public Administration	4	2	2
Diploma in Statistics	14	12	12
Diploma in Librarianship	5	5	5
Total	34,541	19,713	4,590

Under the War Concession Laws, the number of candidates that were declared qualified for the Intermediate Certificate, and other Examinations was as follows :—

Intermediate	... 53
B. A.	... 6
B. T.	... 1

43. Malpractice at Examinations:—The Syndicate reports with regret that 19 candidates were reported to have had recourse to unfair means while answering their papers at the examinations held in 1947. After obtaining full particulars from the Chief Superintendents of Examination Centres or from the Examiners concerned and explanations from the candidates, the Syndicate awarded punishments cancelling their appearances at the examinations and forbidding some of them from appearing for any University examination for varying periods not exceeding three years.

44. Sanskrit Entrance Test:—As in previous years the University published the results of the Sanskrit Entrance Examination in respect of the students that

appeared for the Government examination from the University area and issued the eligible list. The number of students that were declared eligible was 64 for Siromani course and 27 for Vidvan course.

45. Higher Research Degrees:—The number of persons who submitted theses for the respective Higher Degrees in Research during the year 1946-47 was as follows:— 7 for M. Litt.; 7 for Ph. D.; 4 for D. Litt.; 17 for M. Sc.; and 2 for D.Sc. The Syndicate, on the reports of Boards of Examiners, declared as worthy of the respective degrees: 6 candidates for M. Litt.; 4 for Ph. D.; 15 for M. Sc.; 2 for D. Litt. and 2 for D.Sc. The names of candidates that were declared qualified for the Research Degrees will be found in **Appendix B**.

During the year 19 candidates for M. Litt. and 32 candidates for M.Sc. and 27 for Ph. D. have registered for Research Degrees.

46. Exemption from Attendance Certificates and Recognition of Examinations:—As usual, applications for exemption from the production of attendance certificates for the prescribed course for the various University examinations were received and disposed of, according to rules. The following is the classified list of exemptions granted:—

	College.	Private candidates.	Bona fide Teachers.
Matriculation	...	1,587	...
Intermediate	...	206	5
B.A. (Pass)	...	64	...
B.A. (War)	...	102	...
B.A. (Hons.)	...	1	...
B.Sc. (Pass.)	...	20	...
B.O.L. (Hons.)	...	...	...
M.A.	...	1	...
			19

	College.	Private candidates.	Bona fide Teachers.
M.B.B.S.	...	7	...
M.D.	...	3	...
Diploma in Ophthalmology.	1	...	...
Diploma in Gynaecology and Obstetrics.	1	...	...
F.L.	...	6	...
B.L.	...	4	...
B.T.	...	10	...
B.E.	...	2	...
B.Sc. (Ag.)	...	33	...
B.Com.	...	12	...
B.Sc. (Tech.)	...	1	...
Oriental Titles	...	4	217
Entrance Test to Oriental Titles and Intermediate —Group D.	4	...	715
Diploma in German	...	1	...
Sangita Siromani	...	3	...

The cases shown under the Column 'College' comprise students who were granted exemption owing to their failure to keep the necessary percentage of the attendance prescribed by the institutions of which they were students or who were exempted from regular college instruction in the languages in which the colleges have not been affiliated or recognised.

47. Under the War Emergency Laws, 31 applications from evacuee students for recognition of examinations and for exemption from courses and examinations were granted. 1,642 applications for recognition of examinations of other Bodies and Universities for purposes of higher studies in this University were granted during the year.

VII. CONVOCATIONS.

48. Three Convocations for conferring Degrees on Graduates were held during the year on the 20th February, 6th and 7th October 1947 respectively. H. E. the Hon'ble Lt.-General Sir Archibald Edward Nye, G.C.I.E., K.C.B., K.B.E., M.C., Chancellor of the University presided over the Convocation held on the 6th October 1947. The Hon'ble Mr. T. S. Avinashilingam Chettiar, B.A., M.L., Pro-Chancellor of the University presided over the Convocation held on the 7th October. The Convocation held on the 20th February was presided over by the Vice-Chancellor. The Hon'ble Mr. B. G. Kher, B.A., LL.B., Premier of Bombay delivered the Convocation Address on the 6th October 1947. 4,505 candidates took their Degrees at Convocations (1,919 in person and 2,586 *in absentia*) of whom 632 were women.

The academic Titles and Diplomas were awarded at a special meeting of the Senate held on the 14th November 1947 to 296 candidates.

VIII. ITEMS OF GENERAL AND ACADEMIC IMPORTANCE.

49. **Revision of Laws :—**Additions, alterations and amendments to the Laws have already been noted *supra*.

50. **University Act Amendment :—**The report of the special committee containing its recommendations for the amendment of the Madras University Act was placed before the Senate in March 1947 and the Senate resolved to consider the same with such other amendments as members desired to suggest, at a later meeting in the year. A special meeting of the Senate was held on the 13th November 1947 at which the report with other amendments given notice of by members was considered and the report with

certain modifications adopted by the Senate, has been forwarded to Government.

In July 1947, the Secretary to the Government of Madras, Education Department, addressed a communication to the University stating that the six Acts made by His Excellency the Governor during 1942-43 to amend the Madras University Act, 1923, would continue to have effect only for a period of two years from the date on which the Proclamation under Section 93 is revoked and requesting the views as to which of the above amendments to the Act should now be repealed or re-enacted and, if the latter, whether any modification is required. The Syndicate has finally stated that the following Acts be re-enacted:—

Act III of 1942.

Regarding amendment for quorum for the Convocation and Special Meeting of the Senate convened for purpose of conferring Degrees, Diplomas and Titles.

Act XXXIII of 1942.

Regarding the power vested in Vice-Chancellor to hold elections to the University Authorities in anticipation of vacancies occurring by efflux of time.

Act XXVII of 1943.

Regarding certain definitions and other amendments so as to clear certain doubts with regard to the powers of the University for institution and management of laboratories and University Colleges.

51. Post-graduate Council of Medical Education :—

As usual, courses of lectures in Medicine, Surgery, Gynaecology and Obstetrics, Ophthalmology, Oto-Rhino-Laryngology and Tuberculosis were arranged for the benefit of Post-graduate students undergoing the higher diploma courses in the Medical Faculty and for Medical practitioners.

On the expiry of the term of appointment of the Members of the Council, in November 1947, the Syndicate has appointed the following persons to constitute the Council:—

The Vice-Chancellor (*Chairman*).

The Principal, Madras Medical College.

The Principal, Stanley Medical College, Madras.

The Superintendent, Government General Hospital, Madras.

The Superintendent, Stanley Hospital, Madras.

Rao Bahadur Dr. T. Satakopan, Madras,

with Dr. R. K. K. Thampan (as *Secretary*).

52. Recognition of B.A. (War) Degree for Public Services :—On a representation made to the Government for recognition of the B.A. (War) Degree instituted by the University for the benefit of students who had rendered War Service orders were received in May 1947 that the B.A. (War) Degree has been recognised as equivalent to the B.A. Degree for purposes of appointment to the reserved vacancies in non-technical posts.

53. Institution of Degree in the three systems of Indian Medicine :—The Senate at its meeting held on the 7th November 1946 adopted a resolution that a Degree in each of the three systems of Indian Medicine *viz.*, Ayurveda, Siddha and Unani be instituted for recognition of

high proficiency in them and that the Academic Council be requested to frame the necessary Regulations for the same. The Academic Council at its meeting held on the 21st February 1947 referred the matter to the Syndicate with the recommendation that it may, after one or more institutions have been instituted by the Government in any of the pure indigenous systems of Medicine and in consultation with expert opinion, report on the further steps to be taken. In September 1947, a reference was made by the Special Officer of the Government appointed with regard to reorganisation of studies in Indian Medicine, that the Government has raised the School of Indian Medicine, Madras, to the status of a college preparing for higher courses leading to Degrees and enquiring whether the University would arrange for an inspection of the institution for purposes of affiliation to the University as a College of Indian Medicine. The Syndicate has replied that the question of inspection for affiliation as a college would arise only after the Regulations and course of studies are prescribed for the Degree.

The Syndicate has also appointed a special committee to consider and report on the details in connection with the proposal for the institution of a Degree course in each of the systems in Indian Medicine—Ayurveda, Siddha and Unani.

54. Honours Course in B. Com. :—On a reference made by the Registrar of Co-operative Societies, Madras, forwarding proposals for the institution of a Degree Course in Co-operation, the Syndicate appointed a special committee to consider the question. The committee reported that it was unnecessary to institute a new Degree in Co-operation and that the purpose in view could be served by amplifying the existing B. Com. Degree course by instituting an Honours course in Commerce with Co-operation as a special subject of study. This proposal has been accepted by the

Academic Council and the Senate and Regulations for the course are under consideration. It is the intention that the Government shall depute an experienced officer of the Department to take part in the teaching of the subject in the Colleges and to give facilities for practical training.

55. Chair in English Literature:—The resolution of the Senate adopted in November 1946 recommending that steps be taken to encourage research in English Literature by instituting a Chair in English Literature under the auspices of the University which was placed before the Academic Council in February 1947 has been referred to the Board of Studies in English for consideration and report.

56. Diploma Courses:—The University conducted as usual, courses for the following Diplomas and Certificates:—

Diploma in Economics.

Diploma in Politics and Public Administration.

Diploma in Statistics.

Diploma in Geography.

Diploma in Journalism.

Diploma in Librarianship.

Diploma in Indian Music.

Diploma in Modern European Languages—French and German.

Certificate in French and in German.

Certificate in Anthropology.

The Diploma Course in Journalism, and the Certificate course in Anthropology were started for the first time, after their institution in 1947. The lecturers in special subjects for the Diploma in Journalism are persons

connected with the local Newspapers. Applications for admission to the course for 1948 are under consideration.

57. Diploma in Dietetics:—At its meeting held on the 7th November 1947, the Senate referred to the Board of Studies in Medicine the following resolution:—

Resolved that a Diploma Course in Dietetics be instituted in the University. The Board stated that it was of opinion that it was not possible to institute a diploma course in Dietetics unless Dietetians were employed in different hospitals attached to colleges and arrangements made for the teaching of students, and this was reported to the Senate in March 1947.

58. Diploma in Horticulture:—It was mentioned in the last report that details for the institution of a Diploma course in Horticulture were under consideration. A special committee constituted on the recommendation of the Board of Studies in Botany submitted a scheme for a one year post-graduate course in Horticulture. After consulting the Director of Agriculture, the scheme was submitted to Government with a request for a grant-in-aid for the conduct of the course. Meanwhile, Government had under consideration a scheme for a course in Horticulture open to graduates and under-graduates and resolved to introduce the same. As it was not considered necessary to have a special course in the University, the Syndicate has resolved to keep the proposal in abeyance for the present.

59. Diploma in (1) Nursing and (2) Nutrition:—The Boards of Studies in Medicine and in Home Science recommended that Diploma courses in Nursing and in Nutrition be introduced in the University. The Syndicate has appointed special committees to consider the question

as to the feasibility of opening such courses and for details of course of study etc., for the Diplomas, if recommended.

60. Physical Education—Organisation and Improvement:—With regard to the references made by the Academic Council and Senate to consider the scheme of Physical Education in the University and the institution of a Degree in Physical Education, the special committee appointed to consider the matter recommended *inter alia* that a Diploma course in Physical Education be instituted in the University. This recommendation was adopted by the Academic Council and the Regulations for the course and the syllabuses thereon which have been since prepared will be placed before the authorities in due course.

61. On the occasion of the sixty-first birthday of Sir A. Lakshmanaswami Mudaliar, the Vice-Chancellor of the University, the Commemoration Committee offered to present a bronze statue to be erected in front of the University Buildings. The Syndicate, at its meeting held on the 26th July 1947, accepted the offer with thanks and the Statue which was unveiled by His Excellency Sir Archibald Nye, Governor of Madras, on the 14th November 1947, now stands on the lawn in front of the University Library building facing the Marina.

62. Inter-University Board :—Dr. Sir A. Lakshmanaswami Mudaliar, Vice-Chancellor of the University, continued to be the representative of the University on the Inter-University Board. He attended the annual meeting of the Board held in Cuttack in December 1947. The Syndicate invited the Board to hold its next annual meeting and the Fifth Universities Conference at Madras under the auspices of this University and the invitation has been accepted. Dr. Sir A. Lakshmanaswami Mudaliar has also been elected Chairman of the Board for the year 1948-49.

63. E. S. L. C. Board :—The Syndicate has nominated Mr. R. H. P. Holman and Mr. John V. Asirvatham as the representatives of the University on the European High School Examination Board reconstituted this year.

64. On the recommendation of the Syndicate, the Senate sanctioned a grant of Rs. 2,000/- to the Adhyaksha, Dr. Swaminatha Ayyar Library, Adyar, Madras, towards the cost of publication of Kambaramayana in eight volumes on the basis of the materials collected by the late Dr. V. Swaminatha Ayyar.

65. University Extension Boards.—It was stated in the last report that the question of constituting Extension Boards in every District where there is a college affiliated to the University was under consideration. The Principals of colleges were circularised on this question and about the possibility of arranging lectures in the centres and after considering the replies, the syndicate resolved to constitute Extension Boards at the following centres :—

Madras—Saidapet.	Madanapalle.	Coimbatore.
Trichinopoly.	Bellary.	Calicut.
Madura.	Salem.	Tellichery.
Tinnevely—Palamcottah.	Vellore—Vaniyambadi.	Mangalore.
Anantapur.	Trichur.	Ernakulam—Thevara.

66. Prizes for Encouragement of Publications in Indian Languages:—Theses for prizes for original works in the subject 'Story of the Atom' prescribed for 1947-48, have been received in the following languages, Tamil, Telugu, Malayalam and Kannada. Expert Committees have been appointed to report on the merits of the theses.

The Syndicate recommended to the Senate that the Statute relating to this prize be so amended as to include

Urdu in the list of languages in which prizes are awarded. The Senate adopted the amendment to the Statute and submitted it for the Chancellor's assent. The Secretary to His Excellency the Governor replied stating that His Excellency desired that both Urdu and Hindi should be included in the list of languages in which works on modern subjects were eligible for prizes awarded by the University and that the suggestion be placed before the Senate for consideration under Section 30 (3) of the Act. The Senate considered the matter at its meeting held on the 14th November 1947 and accepting the suggestion, adopted the necessary amendments to the Statute. The amended Statute has been approved by H. E. the Chancellor.

The Syndicate has prescribed "History of South India" as the subject on which works in the Indian languages may be submitted for award of prizes, for the year 1948-49.

67. Adaptation (Translation) of Works in Indian Languages :—The Syndicate has also resolved to revive the scheme of adaptation (translation) of selected books into South Indian languages and the book—History of India by Moreland and Chatterji (2nd Edition) has been selected for the purpose. Permission of the authors and/or publishers has been sought for the translation and notification will be issued after permission is obtained.

68. Congresses and Conferences :—The Syndicate deputed such teachers of the University who were either presiding over Sections in conference or who read papers, as delegates to the following annual Conferences or Congresses :—

Indian Philosophical Congress held at Benares.

Indian Economic Conference held at Calcutta.

Indian Historical Congress held at Bombay.

Indian Science Congress held at Patna.

Indian Political Science Conference held at Trivandrum.

All-India Writers' Conference held at Benares.

69. Bicentennial Ceremonies—Princeton University, New Jersey (U.S.A.) :—In response to the invitation from the Princeton University, the Syndicate requested Prof. M. S. Sundaram, (Educational Liaison Officer of the Government of India in America) to represent the University at the ceremonies and convey the greetings of the University. The Princeton University presented our University a medallion in appreciation of the response to their invitation and for the friendly and cordial sentiments expressed by our representative on the occasion.

70. Inter-University Tournaments—1946-47 :—It was stated in the report for 1946, that the University had competed for all events except swimming. The University also conducted the South Zonal matches in the Hockey Tournament. The Madras University won the Finals of the Inter-University Football Tournament in the year, securing the Sir Ashutosh Mukherji Football Shield.

The University has entered for the following items of the Tournament for the year 1947-48 :—Cricket, Hockey, Football, Tennis, Basket-ball and Athletics. The University has also agreed to conduct the Inter-University Finals and the South Zonal matches in Tennis this year, as the University which was entrusted with the conduct of the above Tournaments could not arrange for the same.

The Syndicate has appointed a special committee, as usual, for the conduct of the Tournaments, including selection of players, etc., and for the conduct of Inter-Divisional Tournaments of the University.

As in previous years arrangements have also been made for the conduct of Inter-Collegiate and Inter-Divisional Tournaments within the University. The colleges within the jurisdiction of the University have been grouped into four divisions for the purpose.

71. University Officers' Training Corps—(1st Madras) Bn. U.O.T.C.:—Lt.-Col. Rao Bahadur S. Paul continued to be the Commanding Officer of the Battalion and Capt. G. K. S. Pathy took over the duties of the Adjutant from Capt. R. V. Naidu on 14th July 1947. All the B. O. R. Instructional staff have given place to Indian Instructional Staff of equivalent rank provided by the Madras Regiment. The Unit also procured the services of two English speaking V. C. O. Instructors.

The Certificate Examinations were held in February 1947. The following is the result: in A I—158 passed out of 198, in A II—63 out of 93, in B I—16 out of 20 and in B II—7 out of 17. The President of the Examining Board complimented the Unit on the remarkable improvement in drill.

The Battalion has almost come up to the authorised strength. The present strength of the Battalion is 24 Officers and 917 O. Rs. The annual camp could not be held as usual this year in December as the Government of India had cancelled all U.O.T.C. Camps. However, with the co operation of the H.Q. Madras a fortnight's intensive course of training was given to the Certificate candidates. It is hoped that permission may be obtained to hold the Annual Camp during April—May 1948 and the Certificate Examination thereafter. The Regiment provided Guards of Honour to H. E. the Chancellor at the time of the Convocation and to the Commander, Madras Area and also participated in the march past

on the Independence Day on the 15th August 1947 and on the 259th Anniversary of the Madras Corporation.

For the first time in the annals of the Unit, it has sent in competitors for the Madras Area and Sub-Area Sports. The Madras Area Basket Ball Championship Rolling Cup was awarded to the Unit. Quite a large number of medals were won by the Unit competitors for the individual events in the above sports. The Unit also participated in the Military Sports conducted by the S.I.I.A. and won the runners up Championship Cup. The Annual Day was conducted on the 15th February 1947 at Presidency College. The Silver Cup presented by Mr. K. P. Mugaseth, who presided on the day, was awarded to U/O Deenadayalu, C.

The Unit will be entering the 25th year of its formation and intends to celebrate the Silver Jubilee in the last week of February 1948.

72. (2nd Madras) Bn. U.O.T.C.:—Major P. R. Subrahmanian and Capt. Nath continued to be the Commanding Officer and Adjutant of the U.O.T.C. Battalion during the year. The passes in the Certificate Examination held in February 1947, were as follows—in A I—102 passed out of 116, in A—II, 51 out of 77, in B I—24 out of 25 and in B II—14 out of 24. The President of the Board remarked that the “cadets showed plenty of keenness and were good on theoretical subjects and that their knowledge of military training pamphlets was high.” The training season for the Silver Jubilee year, 1947 commenced in June.

By August 1947 the Battalion was practically up to full strength, viz., 17 Officers (including U/Os) and 432 cadets. The Cadre training did not materialise as the necessary financial sanction was not obtained. The Annual camp could not also be held in December in spite of the best

efforts of the Battalion HQ. The importance of practical collective training in Camp can never be over-emphasised. Such exercises are impossible during term time owing to limitations of time, transport and training facilities. Another important feature of the year was the replacement of the BOR permanent Staff by Indian NCOs. The lack of proficiency in English of the latter considerably hampers instruction. The Unit was visited by the Brigadier Commanding Sub-Area twice during the year.

73. Proposals for the expansion and reorganisation of the U.O.T.C. were submitted to Government and Army Authorities but the Military authorities have reported that it would not be possible to have any expansion at present.

IX. TEACHERS AND RESEARCH DEPARTMENTS.

74. General:— All the Departments of the University continued functioning as in previous years and in accordance with the programme of work approved.

Arrangements were made for Inter-Collegiate and University Lectures with the co-operation of the Honours Colleges in the City and the Madras Christian College, Tambaram, for the benefit of Honours and Post-Graduate students at these Colleges. Some of the Teachers of the University gave courses of lectures under the scheme. Post-graduate Councils—one for Humanities and one for Science—were also constituted to frame the programme of lectures.

Reports on the working of the Departments submitted by the Heads of Departments are printed as **Appendix. C.**

75. The following Teachers of the University who completed their probationary period were confirmed in their appointments :—

Dr. T. S. Sadasivan.	Reader in Botany.
Dr. M. A. Govinda Rao.	Reader in Chemical Engineering.

Sri A. P. Madhavan Nair.	Senior Lecturer in Chemical Engineering.
Sri V. S. Jayaraman.	Senior Lecturer in Chemical Engineering.
Sri N. Venkata Rao.	Junior Lecturer in Telugu.

The following Teachers of the University retired from service during the year :—

Sri P. Krishnan Nair.	Junior Lecturer in Malayalam.
Mr. Muhammad Mahvi.	Junior Lecturer in Urdu.
Sri K. A. Nilakanta Sastri.	Professor of Indian History and Archaeology.

76. The following appointments of Teachers of University were made during the year in vacancies existing and which arose during the year :—

Sri V.R. Ramachandra Dikshitar,	Professor of Indian History and
M. A. (Ag. Reader.)	Archaeology.
Sri T. V. Mahalingam, M. A.,	Reader in Indian History.
	D.Litt.
Sri R. N. Poduval, M.A., M.Sc.	Reader in Indian Economics.
	Ph.D.
Sri R. P. Setu Pillai, B.A., B.L.	Reader in Tamil.
Sri S. Krishnan Nair, B. O. L.	Junior Lecturer in Malayalam.

77. The Selection (Expert) Committees which were appointed to report on the applications received for the posts of Senior Lecturer in Telugu and Junior Lecturer in Urdu stated that there were no suitable applicants for the posts and the Syndicate re-appointed the previous incumbents of the posts—Sri K. Ramakrishnayya and Mr. Muhammad Mahvi—for a period of one year.

78. Applications for the following vacant appointments have been invited and are under consideration :—

Senior Lecturer in Indian History Department.
Senior Lecturer in Tamil Department
Senior Lecturer in Sanskrit Department.

X. LECTURES.

79. Lectures by members of the University Research Departments and Lectures by the Honorary Readers appointed by the Syndicate were, as usual, delivered during the year under report.

Endowment Lectures:—The following persons were appointed Lecturers for the several Endowment Lectureships during the year:—

The Maharaja of Travancore Dr. R. E. S. Muthayya, M.S., D.O.
Curzon Endowment Lectures M.S. (Lond.)
(Medicine-clinical.)

Do. (Engineering) Sri K. K. Nambiar, B. E.

Do. (Agriculture.) Dr. C. N. Acharya, B.A., M.Sc.

The Sir Subrahmanya Ayyar Sri K. S. Gururaja Das, D.Sc.,
Endowment Lectures (Physical F.A.Sc.
Science).

The Rev. P. Carty Endowment Sri V. R. Pillai, M.A., M.Sc. (Lond.)
Lectures (Economics).

The Sundaram Ayyar—Krishna- Sri P. Kameswara Rao, M.A., M.L.
swami Ayyar Lectures (Law.)

The Sankara Parvati Endowment Sri T. Balakrishnan Nair, M.A.
Lectures (Ancient South Indian
History).

The Sir William Meyer Endow- Sri Rao Bahadur B. V. Narayana-
ment Lectures (Economics) swami Naidu, M.A., B.Com.,
Ph.D., *Bar.-at-Law*.

The Principal Miller Endowment Miss Elizabeth George, M.A., LL.D.
Lectures (Philosophy).

The Dr. Elizabeth Matthai En- Dr. (Miss) H. M. Lazarus, C.B.E.,
dowment Lectures (Medicine). B.A. M.B.B.S. F.R.C.S.,
M.R.C.O.G.

Diwan Bahadur Krishnaswami Sri D. T. Tatacharya M.O.L.
Rao Endowment Lectures.
(Education)

The Oosman Muhammad Ismail— Dr. Arthur Upham Pope.
Osman Abdul Haq Endowment
Lectures (Islamic Culture and
Art.)

The Rt. Hon. Sir George Stanley Prof. O. C. Gangoly was per-
mitted to deliver the lectures in
Endowment Lectures (Aesthe- 1947-48.
tics).

XI. UNIVERSITY LIBRARY.

80. Dr. M. O. Thomas, M.A., Th.D., Dip.L.S. (Lond.), continued to be the Librarian during the period under report.

81. **Hours of the Library:**—The working hours of the Library were :—

1st April to 30th September. 8 a.m. to 6 p.m.

1st October to 31st March . 7-30 a.m. to 5-30 p.m.

The Library was closed to the public on 15th and 16th of August on account of Independence Day Celebrations.

82. **Reference Section:**—Bibliographical lists were prepared and supplied to members and inquirers as usual.

83. **Issue Section:**—2,818 members enjoyed the privilege of borrowing books from the Library. Of these 574 joined during the year. There were 297 mofussil members. 52,941 volumes were consulted within the Library and 51,544 were issued for home reading. The number of readers that used the Library during the year was 61,913.

84. **Binding Section:**—694 books and 1,134 periodical publications were bound during the year under report.

85. **Technical Section:**—3,921 volumes of books and periodicals and 30 theses were accessioned, classified and

catalogued during the year involving the preparation of 9,538 cards.

In connection with the introduction of Browne System of charging 6,601 new borrowers' tickets were written and 22,322 book cards typed and 20,706 book pockets pasted.

86. Books Section:—3,921 volumes were added to the Library, of which 2,927 were by purchase and 994 by donation or exchange. Of these 1,077 were deposited in the Departmental Libraries.

There are 1,14,095 volumes in the Main Library and 24,795 in the Departmental Libraries, thus making a total of 1,38,890 volumes. In addition 3,062 volumes, mainly stray and loose numbers of periodicals and pamphlets, are kept in a special sequence.

Besides these, the Library also possesses 2,120 maps, 39 paper manuscripts and 1,748 palm leaf manuscripts.

30 more copies of theses submitted for research degrees of the University were deposited in the Main Library thus making a total of 382.

87. Periodicals Section:—The current periodical publications number 1,926 of which 1,746 were kept in the Main Library and the rest in the Departmental Libraries. Out of 370 periodicals which stood suspended last year, 31 sets comprising 299 volumes were acquired during the year. The periodicals held up during the war period are also being received in large numbers.

88. Exchange Relation:—Exchange relation was opened with the American Museum of Natural History, New York.

89. Free Gifts:—Twelve sets of periodicals comprising 125 volumes were received free from the American Library Association. Certain valuable books and periodicals were also received as gifts from the following :—

Dr. (Mrs.) B. Lazarus,

Mrs. Kanakamma Subbaraya Sastri,

Mr. T. K. Tawker and

The American Consul, Madras.

90. Finance:—The usual grant for the Library of Rs. 43,500 and the departmental grant amounting to Rs. 15,643 were credited to the Library Account. The annual interest on investments amounted to Rs. 15,099.

The accounts of the Library were as usual audited by the Examiner of Local Fund Accounts.

91. The Library is indebted to several Governments, Institutions, Publishers and individual donors for the free supply of their publications.

92. Librarianship Courses:—Two more special courses in Librarianship each lasting a fortnight were conducted by the Librarian and two assistants for the Military Personnel in the months of January and April 1947.

Four students completed the Diploma Course in Librarianship and earned the Diploma. Five students have joined the Course in the current year.

93. Departmental Libraries.—Dr. George Kuriyan, B.A., B.Sc., Ph.D. (London), who was appointed Honorary Librarian for the year under reference took charge of the Departmental Libraries on the 20th January 1947.

94. Both the sections of the Departmental Libraries showed a remarkable development during the year. Additions made in the year were 680 volumes, as against 505 of the previous year. Besides 716 current numbers of journals indented for by the various departments were also received. Books and periodicals thus acquired for the Libraries were catalogued and entered in the stock register. As in previous years, the Director, Sri Venkateswara Oriental Institute, Tirupati, has kindly presented to the Libraries a copy of the current number of the journal. 39 books were received as complimentary copies and the Honorary Librarian records his gratitude to all authors and publishers who have sent these valuable gifts.

As it was found increasingly difficult to accommodate the new books and journals received during the year, old Government reports, periodicals and other books numbering over a thousand in all, were transferred to the General Library from the Economics section of the Departmental Libraries.

95. Excluding the current numbers of periodicals which are kept on the readers' table for purposes of consultation, the number of books that were consulted and taken on loan by the teachers and research workers of the several departments during the year were 19,578 and 9,136 respectively. The corresponding figures for the previous year were 11,876 and 3,947. 326 periodical publications were also taken on loan by the several research workers in the various departments of the University.

96. The Departmental Libraries were used not only by the teachers and research workers of the University, but also by several Honours students and by the members of the staff of the various city colleges. Occasionally, through the Librarian of the Madras University Library, books were

borrowed by the Government officers in the Board of Revenue, Departments of Agriculture, Finance, etc. During the year, besides the regular students, there were 1,996 visitors who came to the Libraries for consultation, as against 687 in the previous year.

XII. MADRAS UNIVERSITY STUDENTS' INFORMATION BUREAU.

97. Mr. G. A. Dharma Rajan, M.A. (Oxon.), continued to be the Secretary of the Information Bureau during the year under consideration.

Departmental Statistics.—

	1946	1947
Personal enquiries ...	401	680
Written enquiries ...	617	870
Written replies ...	658	958
Interviews ...	140	322
Applications sent ...	35	54 (U.S.A. 22 and U.K. 32)
Seats obtained ...	6	15

98. Publicity.—A revised and detailed information about the work of the Bureau was published in the Madras Directory "Who is Who" for 1947. A comprehensive statistical information of the activities of the Bureau was given to the Education Ministry of the Central Government. Important information about advanced courses abroad was published in the press. A weekly article by the Secretary entitled "Students' Corner" is being published giving news of scholarships, courses and training open to students in India and abroad. A cyclostyle pamphlet on the facilities for business training in U.S.A. was distributed to students.

99. **Admissions.**—Admissions to the Universities abroad continue to be difficult. The Bureau arranged for accommodation abroad for students with the help of the Education Department at the India House, London. The Bureau obtained a training course for one engineering student at the electrical workshops of Rey Rolles and Co.

The following is the statistics of the admitted students :—

Inns of Court, U.K.—Law	...	2
Oxford University, U.K.—Literature Hons.	...	1
Cambridge University, U.K.—Economics Hons.	...	1
California University, U.S.A.—Geology	...	1
North Carolina State College, U.S.A.—Mining.	...	1
Missouri School of Mines, Rolla, U.S.A.—Mining.	...	1
California University, U.S.A.—Aviation	...	1
Illinois University, U.S.A.—Engineering	...	1
California University, U.S.A.—Engineering	...	1
Iowa State University, U.S.A.—Hydraulics	...	1
Nebraska University, U.S.A.—Engineering	...	1
Leeds University, U.K.—Engineering	...	1
Rey Rolles Ltd., U.K.—Training (Elec. Engg.)	...	1
Langley Alloys Ltd., U. K.—Training (Foundry Engg.)	...	1

The admission figures have improved since last year though the chances of admission are greater in the U.S.A. and offers greater variety of courses. In this connection the Bureau has been helped by the American Information Service at Madras which has co-operated with the Bureau in the work of proper guidance and the selection of the Universities.

100. The library continues to receive the latest catalogues of the more important Universities abroad.

This year a few maps and pictures of the famous countries and the Universities have been collected to aid the student. A detailed map of South Africa was presented to the Bureau by the South African Indian students who visited the office for information.

101. **Periodical Bulletins.**—The following are available for consultation :—

- (1) The Govt. of India monthly bulletin issued by the Overseas Information Bureau of the Ministry of Education.
- (2) The Federal Public Service Commission advertisements for appointments.
- (3) The Madras Public Service Commission advertisements for appointments.

102. **General.**—(a) Besides the main work, nearly one thousand applications were sent to candidates desirous of applying for permanent commissions in the armed forces.

(b) A contact has been established with the Manager, Appointments Section, Labour Exchange, for helping the graduates with information on the possible future qualifications which the Government may need with a view to preparing for the same in advance.

(c) Lists of scholarships available both in India and abroad are supplied to candidates on request.

(d) One article on the “ Residential Libraries ” in U.K. was published by the Secretary, in the Government of India monthly bulletin for purposes of information to the students who intend doing research.

- (e) Close liaison has been kept with the information offices of U.K. and U.S.A. in Madras for correct and up-to-date information on the courses and training abroad.

An increasing number of students and graduates are making use of the Bureau to plan their career and their academic courses.

XIII. UNIVERSITY BUILDINGS.

102. Buildings for the College of Technology:—

With the advice of technical Committees, the general requirements with regard to accommodation and laboratories were ascertained for the main buildings for the College of Technology. After inviting offers from Firms of Architects for preparing the designs and plans for the College, the Syndicate accepted the offer of Mr. L. M. Chitale, F.R.I.B.A., A. M.T.P.I., A.I.I.A., for undertaking the work of preparing plans, designs, etc., for the buildings and supervising its construction. Tenders were invited for the construction of the main buildings, and the work has been entrusted to Messrs Tarapore & Co., Engineers and Contractors, one of the main conditions of contract being that these buildings should be completed within a period of fifteen months. It is hoped that the Buildings with all the necessary fittings and equipment will be ready for occupation at the commencement of the academic session 1949-50. The buildings when completed will provide the necessary accommodation for the laboratories, classrooms, and workshop of the department of Chemical Engineering. The portion proposed to be constructed now will admit of future expansion including a second floor. The design also provides for the construction of two separate technological blocks for Leather and Textiles in due course, as and when funds and facilities become available.

During the year, tenders were invited for treating the roof over the Library and Departmental building at the most leaky points as suggested by the Architect, as an experiment; and the work is now under way. If this experiment proves a success, further work on the same lines will be taken up after the next monsoon.

The Examination Hall continued to be under the occupation of the Army Authorities, and on a recent request from them, the Syndicate has extended the lease till the end of February 1948.

XIV. ENDOWMENTS.

103. The following endowments were accepted by the Syndicate during the year and reported to the Senate:—

(i) **The Dr. (Miss) R. Govindarajulu Prize** with a capital amount of Rs. 2,000/- was founded by Mr. C Perumalsami Reddi, M.L.C., under the will of his aunt, the late Dr. (Miss) R. Govindarajulu Naidu, M.D., to be awarded to a woman candidate who qualifies in the year for the M. B. B. S. Degree with proficiency in certain subjects.

(ii) **The Sir Arthur Hope Scholarship** with a capital amount of Rs. 8,500/- was founded by the Hope Commemoration Committee to commemorate the services of His Excellency the Honourable Sir Arthur Oswald James Hope, G. C. I. E., M. C., to be awarded to a candidate who passes in the year, the B.Sc. Technology (Leather Technology) Part I Examination and continues his study for the final Year course in this University.

(iii) **The Dr. A. Lakshmanaswami Mudaliar Prize** with a capital amount of Rs. 2,500/- was founded by Dr. P. Rama Rau, D. M. R. (Vienna) on the occasion of

the sixty-first birthday of Dr. Lakshmanaswami Mudaliar, the Vice-Chancellor of the University, to be awarded to a Medical Graduate of the University who qualifies in the year for the Diploma in Radiology.

(iv) **Professor R. Gopala Ayyar Zoology Prize** with a capital amount of Rs. 1,500/- was founded by the friends of Professor R. Gopala Ayyar, Retired University Professor of Zoology, to be awarded to a candidate who qualifies in the year for the B.Sc. or the B.A. degree in Zoology.

(v) **The Dr. A. L. Mudaliar Prize** with a capital amount of Rs. 1,500/- was founded by Major K. N. Rao, M.D., D.G.O., District Medical Officer, Cocanada, in commemoration of the 61st birthday of Sir A.L. Mudaliar, to be awarded to a Medical Graduate of this University who qualifies in the year for the D.G.O.

104. The following endowment was accepted by the Syndicate during the year and will be reported to the Senate at its next meeting:—

Principal B. V. Narayanaswami Naidu Prize with a capital amount of Rs. 1,500/- was founded to be awarded to a candidate who qualifies in the year for the B.Com. Degree with the highest number of marks in Part III of the examination.

105. **Modes of Awards of Medals and Prizes:—**In connection with the awards of Medals and Prizes under the Endowments, the Syndicate resolved that in all cases of Medals, in future, they be made of silver and plated with gold, where the income does not permit of the award of a pure gold Medal and books be given for the balance of the amount, and that in all other cases, except where

money prizes are specifically mentioned in the terms, the prizes be in the shape of books.

XV. ACCOUNTS.

106. The accounts of the University, including those of the University Library for 1946-47 prepared under Section 21 of the Act and audited by the Examiner, Local Fund Accounts.

The receipts under Fee Fund Account during the year 31st March 1947 amounted to Rs. 10,29,971 and the expenditure to Rs. 8,81,121 leaving a net surplus of Rs. 1,48,850 against Rs. 1,21,660 in the previous year, when the corresponding receipts and expenditure were Rs. 9,48,688 and Rs. 8,27,028, respectively.

Compared with the previous year, the income showed an increase of Rs. 81,283 and the expenditure an increase of Rs. 54,093. The increase in income is solely under Examination fees due to larger number of candidates taking the Examinations. The increase in expenditure is under Examination Charges.

107. **Budget for 1947-48:—**The Budget for the year 1947-48 was approved by the Senate at its meeting held on the 28th March 1947.

108. **S. S. L. C. Compensation:—**The compensation due on account of the introduction of the Secondary School Leaving Certificate Scheme from the several Governments as detailed below was received in full during the year:—

	Rs.
(i) Madras Government	... 29,840
(ii) Coorg Government	... 160
(iii) Cochin Government	... 1,122
Total Rs.	... 31,122

109. Grants from the University:—The following grants were paid during the year for the undermentioned bodies:—

	Rs.
(i) Inter-University Board ...	1,000
(ii) Universities Bureau of the British Empire ...	£50
(iii) Journal of Indian History ...	150
(iv) Journal of Botanical Society ...	150
(v) Indian Chemical Society ...	150
(vi) Indian Mathematical Society ...	150
(vii) Current Science ...	500
(viii) Madras University Staff Recreation Club ...	100
(ix) Indian Academy of Sciences ...	750

110. Government Grant:—In their Order No. Ms. 842 Education, dated the 25th April 1947, the Government placed at the disposal of the University the sum of Rs. 4,00,500 for recurring objects of expenditure for 1947-48 in monthly instalments and the amount is as usual allocated as follows:—

	Rs.
1. Notification in the Gazette ...	3,000
2. Travelling Allowance to University Authorities ...	40,000
3. University Library ...	43,500
4. Economics Department ...	30,000
5. Indian History Department ...	30,000
6. Lectures ...	3,000
7. Vice-Chancellor's salary ...	26,000
8. Students' Information Bureau ...	3,000

	Rs.
9. Zoology ...	30,000
10. Biochemistry ...	28,000
11. Mathematics ...	11,000
12. Indian Philosophy ...	12,000
13. Oriental Research Institute ...	55,500
14. Endowment ...	500
15. A. C. College of Technology ...	85,000
Total Rs. ...	<u>4,00,500</u>

111. The following investments were made in Government Securities during the year 1947 under the several accounts:—

	Rs.
1. Fee Fund Account ...	1,00,000
2. Travelling Allowance ...	5,000
3. Statutory Grant Account ...	8,500
4. Economics Account ...	5,000
5. R. & D. Account ...	10,000
6. Vice-Chancellor's Salary Account ...	4,000
7. Zoology Account ...	15,000
8. Publication Account ...	70,000
9. University Buildings Account ...	16,000
10. Vacation Lectures Account ...	500
11. Endowment Account ...	39,700
12. Securitry and Deposit Account ...	20,000
13. Pension Fund Account ...	15,000

APPENDIX A.

A. Applications received for further recognition or affiliation in new courses from existing Constituent and Affiliated Colleges.

Arts, Science and Commerce.

1. *Government Muslim College, Madras.*

B.A. (Hons.) Courses in Br. IX.--Arabic Language and Literature.
Br. XI.—Urdu Language and Literature.

2. *Loyola College, Nungambakkam, Madras.*

- (i) B.Com. (Hons.)
- (ii) B.A.—Part III—Gr. V.—French.
- (iii) Intermediate, B.A. and B.Com. Part II—Hindi.
- (iv) Intermediate—Part III—Natural Science.

3. *Pachaiyappa's College, Chetput, Madras.*

B.Com. (Hons.)

4. *Vivekananda College, Mylapore, Madras.*

- (i) Intermediate—Part II—Hindi.
- (ii) B.A.—Part III—Geography (Main) and Econ. (Sub.)

5. *Queen Mary's College, Mylapore, Madras. (Women).*

- (i) B.A.—Part III.—Gr. i-a—Mathematics and Gr. ii-a Mathematics and Physics.
- (ii) Intermediate—Part III—Psychology and B.A. Part III—Gr. iii-c—Psychology.
- (iii) B.A.—Part III—Gr. v.—Tamil.

6. *Government College for Muslim Women, Madras.*

- (i) B.A.—Part II—Telugu.
- (ii) Intermediate and B.A.—Part II—Hindi.

7. *Government Arts College, Anantapur.*

B.Sc.—Part I—Telugu.

8. *Malabar Christian College, Calicut.*

B.A. Part I—English.

Part II—Malayalam.

Part III—Gr. i-b—Mathematics, Gr. iv-b—Econ. & Hist.

9. *Zamorin's College, Calicut.*

(i) B.A. Part I—English.

Part II—Malayalam and Sanskrit.

Part III—Gr. i-a—Mathematics.

Gr. iv-a—History and Economics.

Gr. iv-b—Economics and History.

(ii) B.Com. Part I—English.

Part II—Hindi.

Part III—Compulsory Subjects and Optional Subject—Co-operation.

10. *Government College, Coimbatore.*

B.A. Group iv-b—Economics and History.

Group iv-c—Politics.

11. *Maharaja's College, Ernakulam.*

B.Sc. Part I—Hindi.

Part II—Statistics. (as subsidiary subject).

12. *St. Teresa's College, Ernakulam. (Women).*

B.A. Part III.—Gr. ii-a.—Mathematics (Main) and Physics (Sub.)

13. *Osmania College, Kurnool.*

(i) Intermediate—Part II—Hindi and Part III—(1) Logic,
(2) Psychology.

(ii) B.A.—Part II—Hindi.

Part III—Gr. ii-a—Mathematics (Main) and Physics (Sub.)

Group ii-c—Zoology (Main) and Physics (Sub.)

(iii) B.Com. Part I—English.

Part II—Hindi.

Part III—Compulsory subjects, and optional subject—Insurance; Co-operation.

14. *American College, Madura*
B.Sc. Part II—Zoology (Sub.)
15. *Madura College, Madura.*
B.Sc. Part II—Physics (Main) and Mathematics and Chemistry (Subsidiaries).
16. *Government College, Mangalore.*
 - (i) B.A. Part I—English.
Part II—Kannada, Malayalam, Sanskrit and Hindi.
Part III—Gr. i-b.—Mathematics.
Gr. iv-b—Economics and History.
 - (ii) B.Com. Part I—English.
Part II—Hindi.
Part III—All subjects.
17. *Sarah Tucker College, Palamcottah. (Women).*
Intermediate—Part II—Malayalam.
18. *Government Victoria College, Palghat.*
B.Sc. Part II—Zoology (Main.)
Botany (Main and Sub.)
Geology (Main and Sub.)
19. *Salem College, Salem.*
B.Com.
20. *Madras Christian College, Tambaram.*
 - (i) Intermediate and B.A. Part II—Hindi.
 - (ii) B.A. (Hons.) Br. ii-b—Psychology.
21. *Government Brennen College, Tellicherry.*
 - (i) Intermediate and B.A. Part II—Hindi.
 - (ii) B.A. Part II—Arabic and Urdu.
22. *Sacred Heart College, Thevara.*
Intermediate and B.A. Part II—Syriac.
23. *Holy Cross College, Trichy. (Women.)*
Intermediate and B.A. Part II—Hindi.

24. *National College, Trichy.*
 - (i) Intermediate Part III—Elements of Commerce and Accountancy.
 - (ii) B.Com. Part I—English.
Part II—Tamil or Hindi.
Part III—Compulsory subjects, and optional subjects—Insurance and Co-operation.
 25. *St. Joseph's College, Trichy.*
Intermediate and B.A. Part II—Hindi.
B.Com. Part I—English.
Part II—Tamil, French and Hindi.
Part III—Compulsory subjects, and optional subject—Co-operation.
 26. *Voorhees College, Vellore.*
Intermediate—Part III—Natural Science and Indian History.
- B. Applications from colleges which were granted temporary affiliation in July 1947, seeking permanent affiliation in the courses opened and in new courses.**
27. *Stella Maris College, Mylapore, Madras. (Women)*
INTERMEDIATE:
Part I—English.
Part II—Tamil, Telugu, Malayalam, Hindi and French.
Part III—Ancient History, Modern History, Indian History, Logic and Indian Music.

B. A.:
Part I—English.
Part II—Tamil, Telugu, Malayalam, Hindi and French.
Part III—Group (iv-b)—Economics and History.
 28. *Dr. Alagappa Chettiar College, Karaikudi.*
INTERMEDIATE:
Part I—English.
Part II—Tamil, Sanskrit and Hindi.
Part III—Mathematics, Physics, Chemistry, Natural Science, Logic, Indian History, Modern History, Elements of Commerce and Accountancy.

B.A.:

- Part I—English.
 Part II—Tamil and Sanskrit.
 Part III—Group (i-b)—Mathematics.
 Group (i-c)—Statistics.
 Group (iv-b)—Economics and History.

B.Sc.:

- Part I—English.
 Part II—Mathematics, Physics, Chemistry, Botany, Zoology
 (Main and Subsidiary).

B.COM.:

- Part I—English.
 Part II—Hindi, Tamil and French.
 Part III—Comp. subjects; Optional: Transport/ Insurance/
 Co-operation.

29. *P. S. G. Arts College, Peelamedu Coimbatore.*

INTERMEDIATE:

- Part I—English.
 Part II—Tamil.
 Part III—Mathematics, Physics, Chemistry, Modern History,
 Indian History, Elements of Commerce and Account-
 tancy, Economic History and Economic Geography.

30. *Rajah Doraisingam Memorial College, Sivaganga.*

INTERMEDIATE:

- Part I—English.
 Part II—Hindi, Tamil and Sanskrit.
 Part III—Mathematics, Physics, Chemistry, Ancient History,
 Modern History, Indian History, Logic and Elements
 of Commerce and Accountancy.

B.A.:

- Part I—English.
 Part II—Hindi, Tamil and Sanskrit.
 Part III—Group (i-b)—Mathematics; Group (iv-b)—Economics
 and History.

B.COM.

- Part I—English.
 Part II—Hindi and Tamil.
 Part III—Comp. subjects; Optional subject—Co-operation.

31. *Kerala Varma College, Trichur.*

INTERMEDIATE:

- Part I—English.
 Part II—Malayalam, Sanskrit and Hindi.
 Part III—Mathematics, Physics, Chemistry, Elements of Com-
 merce and Accountancy, Modern History, Ancient
 History, Indian History, Logic and Indian Music
 and Group D in Sanskrit (Siromani), Malayalam
 (Vidvan).

B.A.:

- Part I—English.
 Part II—Malayalam, Sanskrit and Hindi.
 Part III—Group (i-b)—Mathematics.
 Group (i-c)—Statistics.
 Group (iv-a)—History and Economics.
 Group (iv-b)—Economics and History.
 Group (v)—Malayalam and Sanskrit.
 Group (vi)—Indian Music.

B. O. L.:

- Part I—English.
 Part II—Sanskrit and Malayalam.

B. COM.:

- Part I—English.
 Part II—Hindi and Malayalam.
 Part III—Comp. subjects and Optional subject.

32. *Senthikumara Nadar College, Virudhunagar.*

INTERMEDIATE:

- Part I—English.
 Part II—Tamil.

UNIVERSITY OF MADRAS

Part III—Mathematics, Physics, Chemistry, Natural Science, Indian History, Modern History, Logic and Elements of Commerce and Accountancy.

B.A.:

Part I—English.

Part II—Tamil

Part III—Group (i-b)—Mathematics.

Group (iv-a)—History and Economics.

Group (iv-b)—Economics and History.

New Institutions applying for affiliation.

33. *Nirmala (Women's) College, Coimbatore.*

(From the Bishop of Coimbatore.)

INTERMEDIATE:

Part I—English.

Part II—Tamil, Malayalam, Hindi and French.

Part III—Mathematics, Natural Science, Household Art, Indian History, Modern History, Logic, Indian Music, French or a Modern Language.

34. *Pachaiyappa's College, Conjeevaram.*

(From the Pachaiyappa Trustees, Madras).

INTERMEDIATE:

Part I—English.

Part II—Tamil and Telugu.

Part III—Mathematics, Physics, Chemistry, Natural Science, Indian History, Modern History, Ancient History, Logic and Elements of Commerce and Accountancy.

35. *Govt. (Second Grade) College, Cuddapah.*

(From the Director of Public Instruction, Madras).

INTERMEDIATE:

Part I—English.

Part II—Telugu and Urdu.

Part III—Modern History, Indian History, Ancient History, Psychology.

36. *Rouzathul Uloom College, Feroke (S. Malabar).*

(From the President, Rouzathul Uloom Association, Manjeri).

INTERMEDIATE:

Part I—English.

Part II—Hindi, Malayalam, Arabic and Urdu.

Part III—Mathematics, Physics, Chemistry, Natural Science, Ancient History, Modern History, Islamic History, Logic and Group D—Arabic.

B.A.:

Part I—English.

Part II—Hindi, Malayalam, Arabic and Urdu.

Part III—Group (i-b)—Mathematics.

Group (iv-b)—Economics and History.

Group (iv-d)—Islamic History and Culture.

Group (v)—Arabic.

B. O. L.:

Part I—English.

Part II—Arabic.

37. *Lady Doak College, Madura. (Women)*

(From Miss K. Wilcox, Correspondent, O.C.P.M. High School for Girls, Madura, on behalf of American Board of Commerce for Foreign Missions).

INTERMEDIATE:

Part I—English.

Part II—Tamil and Hindi.

Part III—Mathematics, Physics, Chemistry, Natural Science, Logic, Psychology, Modern History and Ancient History.

38. *Popatlal Lalan College, Mattancherry. (Cochin State)*

(From the Secretary, Vidyaprachar Samithi, Cochin).

INTERMEDIATE:

Part I—English.

Part II—Malayalam, Sanskrit and Hindi.

Part III—Mathematics, Physics, Chemistry, Natural Science, Household Art, Indian History, Geography, Elements of Commerce and Accountancy.

B.A.:

Part I—English.

Part II—Malayalam, Sanskrit, and Hindi.

Part III—Group (i-c)—Statistics.

Group (ii-a)—Mathematics (Main) and Physics (Subsidiary).

Group (iv-b)—Economics and History.

B.Sc.:

Part I—English.

Part II—Physics, Chemistry and Botany (Main and Subsidiary.)
Mathematics and Zoology (Subsidiaries), Home Science.

B.Com.:

Part I—English.

Part II—Malayalam, Sanskrit and Hindi.

Part III—Comp. Subjects and Optional subjects.

39. *Karnataka Cosmopolitan College, Kallianpur, South Kanara.*

INTERMEDIATE:

Part I—English.

Part II—Kannada, Hindi, and Sanskrit.

Part III—Mathematics, Physics, Chemistry, Modern History, Indian History, Logic, Elements of Commerce and Accountancy.

40. *V. O. Chidambaram Pillai College, Tuticorin.*

From the Secretary, V. O. Chidambaram Pillai Endowment Society, Tuticorin).

INTERMEDIATE:

Part I—English.

Part II—Tamil, Sanskrit and Hindi.

Part III—Mathematics, Physics, Chemistry, Natural Science, Modern History, Logic, Ancient History, Indian History, Elements of Commerce and Accountancy and Group D—Tamil.

41. *Women's College, Tuticorin.*

(From the President, Diocesan Association, Bishop's House, Tuticorin).

INTERMEDIATE:

Part I—English.

Part II—Tamil, and Hindi.

Part III—Ancient History, Modern History, Indian History and Logic.

42. *Sri Rama College, Tripurayar.*

(From the Devaswom Commissioner, Cochin).

INTERMEDIATE:

Part I—English.

Part II—Malayalam, Sanskrit and Hindi.

Part III—Mathematics, Physics, Chemistry, Indian History, Logic, Elements of Commerce and Accountancy Malayalam or Sanskrit.

B.A.:

Part I—English.

Part II—Malayalam, Sanskrit and Hindi.

Part III—Group (i-a)—Mathematics.

Group (iv-b)—Economics and History.

B.Com.:

Part I—English.

Part II—Malayalam, Sanskrit and Hindi.

Part III—

PROFESSIONAL:

Teaching—St. Christopher's Training College, Madras—in Tamil under (E) of the B.T. Degree Course.

Engineering—Government Engineering College, Anantapur—F. E. and B. E. Courses.

ORIENTAL TITLES:

Harihara Sanskrit College, Puthukode—in B. O. L. Degree and Vidvan Courses.

Sanskrit College, Sriperumbudur—in Vedanta Siromani Course.

Sri Venkateswara College for Oriental Learning, Tirupati—in Vidvan (a) Course—Sanskrit with Telugu.

Madras Presidency Tamil Sangham College, Tinnevely—in Vidvan (d) —Tamil Course.

Madras Misbahul Mula Neivasal, Nidur, Mayavaram—in Afzal-ul-Ulama Course.

Nadeemthul Uloom Arabic College, Pulikkal, Malabar—in Afzal-ul-Ulama Course.

APPENDIX B.

Names of persons who have been declared qualified for higher (Research) Degrees on submission of theses.

Master of Letters.

1. Mr. T. E. Shanmugam, B.A. (Hons.), for his thesis, "An Analytical Study of Juvenile Delinquents and Adult Criminals."
2. Mr. V. T. Titus, M.A., B.T., for his thesis, "Police Administration in the Madras Presidency."
3. Mr. B. Venkataratnam, M.A., for his thesis, "State and Agriculture with reference to India during the period 1905-1939."
4. Mr. P. Subrahmanya Sastri, M.A., for his thesis, "Studies in Rig Veda (in its literary aspect)."
5. Mr. A. M. Paramasivanandam, B.O.L., for his thesis, "The Historical study of the Tevaram Hymns."
6. Mr. G. Subba Rao, M.A., for his thesis, "Indian Loan Words in English : A Study in Anglo-Indian Cultural and Linguistic Relations from 1600 till the present day."

Doctor of Philosophy.

1. Mr. T. Rama Rao, M.A., for his thesis, "Critical Studies in Galsworthy Drama."
2. Mr. M. S. Muttanna, M.Sc., for his thesis, "Problems in Physico-organic Chemistry."
3. Mr. M. Arogyaswami, B.A. (Hons.), for his thesis, "The Early history of the Velar Basin with special reference to the Irukkuvels of Kodumbalur."

4. Mr. P. C. Thomas, M.A., for his thesis, "Some Aspects of Elasticity of the Paper Money of India."

Doctor of Letters.

1. Mr. K. Kanakasabhapati Pillai, M.A., for his thesis, "The Suchindram Temple—A Monograph."
2. Miss K. Yasoda Devi, M.A., M.Litt., for her thesis, "The Reddis (of Kondavidu and Rajahmundry)."

Master of Science.

1. Mr. K. Achyutan, B.A. (Hons.), for his thesis, "Investigations of the Electrical conductivity of Diamond."
2. Mr. H. Venkatakrishna Udupa, M.A., for his thesis, "Studies in the Preparation of Dye Intermediates by Chemical and Electro-Chemical Methods."
3. Mr. P. Krishna Kymal, B.Sc., for his thesis, "Glyceride Structure of certain vegetable oils and fats."
4. Mr. K. V. Ramakrishnan, B.Sc., for his thesis, "Studies on the morphology, physiology and parasitism of the genus *Piricularia* in Madras."
5. Mr. C. L. Subrahmanyam, B.Sc., for his thesis, "(1) Cytological behaviour of certain Parthenogenetic sugarcane, (2) External Morphology of some indigenous Indian Sugarcane and their chromosome numbers."
6. Mr. P. R. Sadasivan Thampi, B.Sc., for his thesis, "Studies on Polychaetes: (1) Eyes of Polychaetes, (2) Tube-building organs of Polychaetes, (3) Anatomy of *Armandia leptocirris* Grube."
7. Miss Florence Theophilus, B.Sc., for her thesis, "Feeding of Children in South India—An investigation of various aspects of the problem."

8. Mr. N. Pichandi, B.Sc., for his thesis, "Some Aspects of Chemistry and Microscopy in relation to the detection of crime."
9. Mr. P. N. Rangachari, B.Sc. (Hons.), for his thesis, "Pectin content of Indian plant materials with an investigation on Tamarind seed Mucilage."
10. Mr. G. Krishnan, B.A. (Hons.), for his thesis, "Studies on the Polychaetes from Madras."
11. Mr. R. K. Sundaram, B.Sc., for his thesis, "Studies on Pallavaram Charnockites and Rajahmundry Traps and their resulting soils."
12. Mr. K. Govinda Menon, B.A., M.B.B.S., for his thesis, "The Anatomy of Loris Malabaricus."
13. Mr. C. Venkatramayya, M.B.B.S., for his thesis, "Studies on Invitro Acid secretion by the frog's stomach."
14. Mr. G. Shivashanker Rao, B.Sc. (Ag.), for his thesis, "Studies on the nomenclature and classification of South Indian Mangoes."
15. Mr. V. Sadasiva Ayyar, B.Sc. (Ag.), for his thesis, "Investigations on the nutritive value of Coconut."

Doctor of Science.

1. Mr. K. Bhaskaran Nayar, B.A., M.Sc., for his thesis, "Studies on the Embryology of the Crustacea and the anatomy of Glyphidrilus."
2. Mr. M. Sadashiva Rao, M.A., for his thesis, "Studies on the Nutrition and Metabolism of the Plague Bacillus."

APPENDIX C.

REPORTS ON THE WORK OF UNIVERSITY DEPARTMENTS.

ECONOMICS.

Staff.

- Dr. R. Balakrishna ... *Professor.*
 Dr. R. N. Poduval ... *Reader (since 11-10-1947)*
 Mr. C. W. B. Zacharias... *Lecturer.*

Dr. R. Balakrishna worked as the Professor of the Department throughout the year. Dr. R. N. Poduval was appointed Reader in Economics during September 1947. He joined the Department as Reader on 11th October 1947. Mr. C. W. B. Zacharias continued as Lecturer during the year.

Research Work and Publications.

Professor:

The Professor applied himself to a study of three economic problems which were of outstanding importance during the year. The first among them was the American Proposals for an expansion of world trade and employment. The second was the economic implications of the division of the country. The third was the problem of transition from war to peace. The nine papers prepared by the Professor during the year relate to these broad categories of subjects. Besides he was throughout the year busy in correcting the proof of his work which is now ready for publication.

Publications:

1. Regional Planning in India: Book. Pages 424 text plus 30 pages of Appendices, etc.

Bangalore Press, Bangalore (will be published by the end of the month).

2. Role of Tariffs in Economic Expansion: Accepted by Editorial Board of the Indian Journal of Economics. (To be published in next issue).
3. Trends in the Foreign Trade of India: Will appear in the next issue of the Journal of the Madras University.
4. India in a World Trading System: Accepted by the All-India Economic Conference, 1947. Will appear in the Conference Number this month.
5. Industrial Planning: A Chapter for a book on "Economic Planning in India", to be published by John Day & Co., New York.
6. Indian Economy under the British: Published in "Madras Mail" Independence Day Supplement, 15th August 1947.
7. The Location of Key Industries: Published in "The Leader," Allahabad: Dipavali Supplement, November 1947.
8. Economic Consequences of the Partition of India: Chapter printed as Appendix to the Book on Regional Planning in India.
9. Economic Distintegration in India: Hindu, 30th Nov. 1947.
10. India and Pakistan—Economic Potentialities: to be published.

Reader:

The Reader has projected a work on "Recent Economic Trends in the Madras Presidency." This work is likely to take some time. He has started collecting the

data and has written the first section of it. He is also interesting himself in current problems like the Dollar Crisis.

Publications:

1. Cheap Money Policy in India: Submitted for the All-India Economic Conference, 1947.
2. Future of Federal Finance in India: To be published in the next issue of the Journal of the Madras University.

Lecturer:

The Lecturer was mainly engaged throughout the year on his book on "Agricultural Planning", which has been under preparation. He has almost completed the first part of the work which refers to the "Agricultural Background". It includes chapters on agricultural production, agricultural practice, the size of farms and agricultural labour. So far he has written 10 chapters covering 195 pages manuscript. He has still to write about 8 or 9 chapters more to complete the work.

Publications:

1. The Agricultural Income-tax in Madras: Published in "New Review," November 1947.
2. The Inflationary Movement—Its Control: To be published.
3. Finance of Indian Planning: (Gokhale Lectures expanded; 100 pages: To be published).
4. Decontrol of Food in Madras: A paper under preparation.

University and other Lectures.

The Professor delivered two Departmental lectures on "India and Pakistan—The Economic Consequences of

their creation." He attended two meetings of the Consultative Committee of Economists held at New Delhi in February 1947 and at Bombay in October 1947. At these Meetings he gave his views on the Trade Charter prepared at the Geneva Conference.

The Reader delivered a lecture on the "Dollar Crisis" at the Loyola College. The Lecturer delivered two inter-collegiate lectures on "Institutionalism in Economics."

Guidance of Research Students.

The Professor went through a thesis on "Income-tax in India" prepared by one of the students. It is to be submitted for the Ph.D. Degree. He had also to go through several other chapters submitted by the students working under his supervision. There were seven research students working under his supervision till the Reader joined the Department on 11th October 1947. He has now four students working under him.

The Reader supervised the work of five students. The Lecturer read through the chapters submitted by the senior research students working under him and offered suggestions for revision.

Teaching Work.

The Professor had to deliver six lectures a week till October 11, 1947. Three of them were to the Diploma classes in Economics and Public Administration, two at the College of Technology and one to the Diploma Course in Journalism. Since then he has been having three lectures a week, two at the College of Technology and one to the Diploma Course in Journalism.

The Reader is having two lectures a week for the Diploma class in Economics and the Lecturer is having two

lectures a week for the Diploma class in Economics and one for the Diploma class in Public Administration.

Research Students.

There are fourteen research students working in the Department. Six of them joined during this academic year. Two of them are now drawing stipends and three more are likely to be awarded stipends this year. Recommendations for it have already been submitted. All the students have been making satisfactory progress in their work.

Diploma Classes.

A new Diploma course in Journalism was inaugurated during February 1947 and the Professor of Economics was placed in charge of its administration. Nine students were selected for the course and six of them have applied for the examination to be held in January 1948.

In the Diploma course for Economics there are 6 students in the Iyear. During the last academic year 3 students applied for the Diploma in Economics Examination, but only one sat for the examination. He was declared failed.

Editorial Work.

The Professor continued to be the Editor of the Journal of the Madras University (Humanities). The combined January and July Number for 1947 is now in the Press and will be published shortly.

INDIAN HISTORY AND ARCHAEOLOGY.

General.

Mr. K. A. Nilakanta Sastri, Professor, retired from service on the 12th August 1947 and Sri V. R. Ramachandra Dikshitar who was acting as Reader succeeded him as

Professor. Dr. T. V. Mahalingam, M.A., D.Litt., was appointed as Reader in Indian History and he took charge on 22nd Aug. 1947. The Lecturer's place in the Department has been vacant for the year under report.

The work done by Mr. K. A. Nilakanta Sastri till he retired from service is detailed below :—

Summaries of the Mackenzie Manuscripts prepared by the Tamil Research Assistant were revised and corrected besides editing some of them for publication. A tentative draft of the Eastern Chalukyas was prepared. Substantial progress was made with regard to the short History of India to be published by the Oxford University Press by writing out the remaining eleven Chapters of the book. Tentative drafts of some more sections of 'Cola Art and Architecture' were written out. Six lectures constituting the Sir William Meyer Endowment Lectures on the Sumatran Empire of Sri Vijaya were prepared. Besides guiding the research Fellow and students, was also taking classes for the Honours students of the Government Muslim College. The three volumes of Further Sources of Vijayanagar History, joint work with Dr. N. Venkataramanayya, ex-Reader in the Department were published.

Professor (Sri V. R. R. Dikshitar)

*I. Mackenzie work :—*Summaries prepared by the Tamil Research Assistant were revised and corrected besides editing some of them for publication.

*II. Research : Gupta Polity :—*He continued his work on Gupta polity.

III. Teaching and Supervision : He guided the work of Research Students and Fellow in the Department (*vide* Research Fellow and students in the end).

IV. Publications : Two books have been brought out by him *viz.*, (1) The Origin and Spread of Tamils and (2) South India and China respectively, being the Sankara Parvathi and Sir Subrahmanya Iyer Foundation Lectures delivered under the auspices of the University of Madras.

Papers published :

1. Some aspects of Kural polity (Radhakumud Mukherjee Commemoration Volume).
2. Some aspects of Vanara culture (Indian Culture).
3. Indian Martial Tradition (Ganganath Jha Research Institute Journal).

Papers awaiting publication :

He has contributed a paper on Adhirajendra for the Indian History Congress to be held at Bombay in December 1947.

Reader.

He took charge on 22-8-1947.

I. Research : He has submitted to the University a tentative plan of his work for the first two years and in accordance with it he has taken on hand the preparation of a book on South Indian Polity through the ages.

II. Teaching and Supervision :

- (a) He has been delivering every week two lectures to the Honours students of the Government Muslim college on Mughal Administration besides one inter-collegiate lecture weekly to the Honours students of local colleges on South Indian History. He also took classes on British Indian Administration for the students of the Diploma Course in Politics and Public Administration.

- (b) He has been guiding the research work of one student in the Department who is working on South Indian Architecture from the Sangam Age to the Vijayanagar period.

III. *Publications* : He has contributed a paper on Ramappayyan Ammanai for the ensuing session of the Indian History Congress to be held in Bombay in December 1947.

Research Fellow and Students.

Research Fellow :

Mr. S. V. Chitti Babu, M.A. (Subj. : The Tiruvattiyur temple): He studied the inscriptions and literature bearing on his subject and visited the temple quite often and prepared a sketch plan of the temple. As he was appointed in the Madras Educational Service, he was relieved of his Fellowship from the 5th September 1947.

Research Students.

Mr. Anantarao Baji, M.A. (Subj. : Western Gangas): His final report entitled Western Gangas was submitted to the University on 28-1-47. He has also submitted a thesis the subject for the Ph.D. Degree.

Mr. R. Tirumalai, B.A. (Hons.) (Subj. : Township in Ancient India): He was relieved of his studentship with effect from 20-4-47 and he submitted his final report in the form of a thesis entitled 'Township in Ancient India'. He is amplifying the thesis with a view to submitting it for a research degree.

Mr. P. Sridharan, B.A. (Hons.) (Subj : Pondicherry under the French): This student had written out a part of his thesis. But he gave up attending the Department from July 1947.

Mr. R. Mohan, B. A. (Hons.) (Subj : South India and Ceylon from the early times to the end of Vijayanagar Empire): He is now engaged in writing out his thesis.

Mr. R. Narasimha Rao, M.A. (Subj. : Commercial life under the East India Company): He joined as a probationary research student on 26-8-47 and started work on the above subject but he discontinued his studentship from October 1947.

Mr. T. S. Balasubrahmanyam, B.A. (Hons.) (Subj. : Architectural Development in South India from the Sangam Age to the Vijayanagar Empire): He joined as a probationary research student on 27-8-47. A bibliography of books has been suggested to him and he has been reading some of them and taking notes therefrom.

Non-Stipendiary :

Mr. S. Kameswara Rao, M.A. (Subj. : History of the Andhra Country from 1600 to 1858): He continued gathering further information on the subject of his study and has been reading literature on it.

Mr. M. Venkateswaralu, M.A., M.Litt. (Subj. : Social and Economic Life in the Andhra Country: He joined as a non-stipendiary research student on 1-9-47 and has been reading literature on the subject of his study.

POLITICS AND PUBLIC ADMINISTRATION.

Staff :—

Sri V. R. Ramachandra Dikshitar continued as Honorary Reader till the 15th September 1947 on which date Sri R. Bhaskaran joined duty as Reader and Head of the Department.

General :—

The Visiting Professor, Dr. William H. Edwards, who joined duty on the 30th September 1946 completed his term of office at the end of the academic year. Dr. E. Asirvatham resigned the post of Reader with effect from July 1947.

Work of the Members :—

The Reader lectures on Politics and Public Administration four hours a week to the students of the Diploma class and three hours a week on Political Theory to final year Students of the Political Science Honours class of the Presidency College. He has drawn up a programme of work which includes the collection of documents illustrative of Indian constitutional and administrative history and the writing of a history based on such a collection.

Mr. K. Venkoba Rao continued as part-time Lecturer in Law. Mr. G. Soundararajan has been part-time lecturer in Commerce since July 1947.

Research Fellow and Students :—

Mr. V. Venkata Rao was appointed Research Fellow on 12th September 1947 and is working at the Madras Record Office, Chittoor on documents pertaining to Local Boards.

Mr. N. Parthasarathi, stipendiary research student, is continuing the study of Judicial Administration in Madras down to 1861.

Mr. K. S. Narayanaswami, probationary research student, has chosen the "City Improvement Trusts" for his subject and is preparing a bibliography on it.

Miss K. L. Jesudasan completed her term on 15th October 1947 and submitted a report of her work on

Public Health Administration in the Madras Presidency. She submitted a thesis on this subject in August 1947 for the M.Litt. Degree.

GEOGRAPHY.*Staff :—*

Senior Lecturer :—Dr. George Kuriyan, B.A., B.Sc., Ph.D. (London).

Junior Lecturer :—Sri. V. Kalyanasundaram, M.A., L.T., Dip. in Geography.

General :—

Dr. George Kuriyan continued to be in charge of the Department during the whole year.

Diploma Course :—

Of the eleven students who joined the Diploma Course in July 1946, only four appeared for the examination, two of whom passed.

Ten Students have joined the course in July 1947.

Dr. George Kuriyan.

Research Work :—

1. A paper on "A National Scheme of Power Development in India" sent for publication to the Editor, Geographer, Muslim University, Aligarh.
2. A paper on "Power Development in India" read before the 1947 session of the Indian Science Congress—was abbreviated and published in the "National Engineer" May 1947; pp. 7-11.
3. Read a paper on "The Role of Geography in the planned Development of India." (Indian Science Congress, 1947).

4. Prepared, in collaboration with other geographers present at the Indian Science Congress, January 1947, a scheme for the Land Utilisation Maps of India.—A short note about this has been published in the Indian Geographical Journal, Vol. XXII, No. 2, pp. 62-64.
5. A paper on "Geography The Foundations of History" has been sent to the Editor, Madras University Journal (Humanities), for publication.
6. A paper on "Wheat in India" is under preparation.

Mr. V. Kalyanasundaram:

1. Conducted a field survey at Mannur Village to study the details of land utilisation and the pattern of distribution of population. Supervised the preparation of the land use maps and the drafting of the field work reports by the students of the Diploma Course.
2. Prepared (on behalf of the Professor of Indian History and Archaeology) two maps of India and the Far East, to illustrate Sri Vijaya's Campaigns.
3. Prepared a map and a short note on the Rivers of Kongunadu for the 42nd Saiva Conference at Coimbatore.
4. Adapted a portion of "Coal Industry" for publication in the University Journal under the caption "Some Problems of the Indian Coal Industry."
5. Working on the Economic Geography of the 'Mica Industry in India.'

Research Students :—

Miss V. A. Janaki, the Research Student, is working on the "Agricultural Geography of South India." She has more or less completed the collection of statistics relating to the Rainfall and Agricultural crops.

INDIAN PHILOSOPHY.

*Senior Lecturer :—*Dr. T. M. P. Mahadevan.

General Research work.—

The Senior Lecturer has completed his translation of Suresvara's *Sambandha-vartika*. The other portions of the Vartika as also the other works of Suresvara are being studied. These will form the basis for a critical exposition of Suresvara's philosophy.

Another piece of work which is engaging his attention is a treatise proposed to be written on the Doctrine of Maya. He has made a study, during the year, of some of the modern criticisms, to examine their validity. He proposes to deliver a series of six lectures on Maya-vada in January 1948.

He attended the 22nd session of the Indian Philosophical Congress held at Benares in the third week of December.

Papers Published :—

1. Discovery of the Soul (The Prabuddha Bharata, January 1947.)
2. Saivism in the Indus-Valley Civilization (the Journal of the Ganganath Jha Institute, Vol. IV, Part I.)
3. 'Not This was Spoken by the Buddha' (Journal of the Madras University January—July, 1946.)

Research Fellows :—

- (1) Mr. V. A. Devasenapathi, M.A., whose term has been extended by one more year, has made progress in his work on Saiva-siddhanta. He devoted a considerable portion of the year to a study of relevant theistic literature, both Indian and Western, and has planned out his work.
- (2) Mr. M. C. Mathew, M.A., M.Litt., who joined the Department in October 1947, has not been able to do much work on account of prolonged illness. He has been on leave for the past one month.

Research Students (Stipendiary):—

- (1) Mrs. Ratna Shivaram, M.A. completed her work entitled 'the Metaphysical Basis of Indian Ethics' and submitted it for the M.Litt. Degree in August 1947.
- (2) Mr. P. N. Shanmugasundaram, M.A., completed his second year of research and submitted his thesis entitled 'The Philosophy of F.H. Bradley' for the M.Litt. Degree in August 1947.
- (3) Mr. E. Ittuthran, M.A., left the Department in August after completing his first year of research. He submitted his report which consists of a paraphrase of Anandabodha's *Nyayamakaranda*.

Research Student (Non-stipendiary):—

Miss A. Rajalakshmi, M.A., joined the Department in August 1947. The subject of her study is 'Mysticism of Ramalingam.'

PSYCHOLOGY.

Senior Lecturer: Dr. G. D. Boaz.

A. Lectures and Practical Classes:

<i>M. Ed. Course.</i>	<i>Educational Psychology</i>
Lectures	... 2 hours a week.
Practical and Seminar.	3 hours a week.
Additional lectures on one of the special problems	Five lectures of 2 hours each during November and December.
<i>B. A. (Hons.)</i>	<i>Abnormal Psychology</i> (Pachaiyappa's and Christian College students) 2 hours a week (from August)

*B. Thesis supervision and guiding:**M. Ed. Students*

- i. Suggestibility in children with reference to intelligence and sex differences.
- ii. Fatigue in relation to the Middle School curriculum.
(The above two theses were completed in March and were approved for the M.Ed. Degree Examination).
- iii. Distribution of arithmetical ability in Madras School Children (In this academic year).

Departmental Students:

- i. Language development in school children of ages 7-12 (completed last month)
- ii. Studies in Abnormal Psychology with reference to Mental Hospital patients.

- iii. Analytical Psychology and the bases of personality.
- iv. Mental Hygiene and behaviour problems in some Madras Schools.
- v. Psycho-analytical study of wit, humour and proverbs in Malayalam literature.
- vi. Education and Development of the social sense (work started last month by a part-time student).

C. *Work done by the Lecturer:*

Prepared the following papers—

- (1) Two papers on Social Psychology. "The expression of the Collective Unconscious as seen in some cultural patterns of society such as Mythology, folk-tales, ideologies, etc."
- (2) Paper on "Emotional Conflicts of Youth."
- (3) Paper on "Paranoia and Paranoid reactions."
- (4) " " "Psychology in Education."
- (5) " " "Psychology of Mass behaviour."
- (6) " " "Symptom formation in a case of nervous shaking and stammering."

MATHEMATICS.

Reader—R. Vaidyanathaswami, M.A., D. Sc.

I. *Work of Reader :*

- 1. Departmental lectures on Statistical Mechanics.
- 2. Treatise on Set-Topology, Part I.

II. *Stipendiary Research Students :*

- 1. Miss Susheela published a paper on Non-Desarguesian Geometries in 'Mathematics Student'.
- 2. T. K. Sreenivasan published a paper on 'Metric Transforms' in the Journal of the Indian Mathematical Society.

III. *Non-Stipendiary Students :*

- 1. A. Ramanathan published a paper on 'Maximal Hausdorff Spaces' in the Proceedings of the Indian Academy of Sciences.

STATISTICS.

Staff.—

Mr. D. V. Rajalakshman continued to be the Lecturer and Head of the Department during the year.

Research work.—

Besides preparing six papers during the year, he assisted research workers of other departments in analysis and interpretation of experimental data. A paper on 'Co-operative Movement in Indian States' together with two notes on 'Co-operative Societies and Banks in the Gwalior States' and 'Co-operative Movement in Travancore' have been sent for publication in the Indian Co-operative Review. The Lecturer prepared four papers on 'Cottage Industries—need for a statistical survey', 'Production and Distribution of Milk in the Madras Presidency', 'The type of Statistical organisation required for India' and 'Agricultural Labour in India', the last of which has been sent for reading at the Indian Economic Conference. A paper on 'Industrial Location in India' has been submitted for reading at the ensuing session of the Indian Science Congress. The Lecturer prepared a review of the book 'Industrial Capital in India' for publication in the Indian Journal of Economics.

A detailed scheme for conducting a sampling survey of Costings of milk and milk products in the Madras Presidency has been prepared by him on a request made by the Government of Madras for consideration.

Lectures.—

He has been taking classes for five hours a week to the students of the Diploma in Statistics besides separate classes on 'Statistical Methods' for the students of the Diploma in Economics. Of the 18 students who completed the Diploma Course, 12 appeared for the examination in July 1947. All of them passed and four secured distinctions. 37 students were admitted in the first year class this year and 16 joined the second year class. The special subjects offered for the senior batch this year were (1) Vital Statistics and Population Problems and (2) Agricultural Statistics.

The Lecturer also delivered a course of special lectures for four hours a week in the months of November and December 1947 for the students of the B.Sc. (Tech.)—Textiles on Industrial Statistics.

BIOCHEMISTRY.

Staff.—

Dr. M. Damodaran continued as Director (Professor) of the Laboratory throughout the year. Miss K. M. Yasoda, Research Assistant, ceased to hold the appointment from 1st October 1947 at the end of the term of her appointment and Sri C. Sivaraman joined duty as Research Assistant on 1st November 1947.

General.—

There were sixteen research workers in the Department as follows :—

University Research Assistant	...	1
University Research Students	...	5
Non-stipendiary Research Students	...	3

Research Assistants in schemes under the auspices of the Council of Scientific and Industrial Research	...	6
Research Assistant in scheme under the auspices of the Indian Research Fund Association	...	1

In November the Director was appointed Chairman of the Fermentation and Biological Products Committee of the Council of Scientific and Industrial Research, Government of India.

Work in Progress.—

1. With Mr. C. Sivaraman : Experimental fatty livers.
2. With Mr. K. Sarangan : Determination of choline in Indian food-stuffs.
3. With Mr. K. Chandra Menon : Isoleucine in hæmopoiesis.
4. With Mr. D. V. Sivasankar : Protein and other nitrogenous constituents of oil seeds.
5. With Miss Jayam Vedam : Lipotropic activity of proteins.
6. With Mr. K. Lakshminarayanan : Microbial enzymes.
7. With Dr. N. Verghese : Kidney proteins.

Under the Scheme of the Council of Scientific and Industrial Research.

8. Synthesis of vitamin C.
9. Shark-ray collagen.
10. Large scale preparation of Amino-acids.
11. The determination of Tryptophane.

Under the Scheme of the Indian Research Fund Association.

12. Haemopoietic efficiency of proteins.

Publications.—

1. M. Damodaram and K. M. Yashoda : Amino-acids and proteins in haemoglobin formation ; Biochem. J., 41, 382, 1947.

2. M. Damodaran, P. N. Rangachari and K. V. Ramakrishnan : Citric acid fermentation ; Journal of Scientific and Industrial Research (In press).

3. M. Damodaran and T. R. Venkatesan : Amide Synthesis in Plants, Part III—Urea formation in germinating seedlings ; Indian Academy of Sciences (In press).

4. M. Damodaran and S. S. Subramanian : Amide Synthesis in Plants, Part IV—Aspartase in germinating seedlings ; Indian Academy of Sciences (In press).

5. M. Damodaran : Nitrogen metabolism and human nutrition, Part IV ; University Journal (In press).

In the investigations under the Council of Scientific and Industrial Research a fermentative method for the large scale production of citric acid and an improved method for the bacterial oxidation of sorbitol have been worked out.

Lectures.—

The Director delivered a course of Inter-collegiate lectures on The Chemistry of the Proteins to the Honours and Post-graduate students.

ZOOLOGY

General.—

During this period the Central Fisheries (Marine station) Research Laboratory was accommodated in the

the department. Furniture and apparatus have also been lent. Another feature is the extension by the Indian Council of Agricultural Research of the investigation of fish Eggs and Larvae scheme for a second period of three years and the sanctioning of the fresh scheme of investigation of Marine prawns. Report of the first three years' work on fish eggs and Larvae had been submitted and approved.

Staff.—

Dr. C. P. Gnanamuthu continued to be the Director. The Research Assistant Miss Samuel, M.Sc., resigned in July and Mrs. F. G. Abraham, M.Sc., was appointed in her place and she joined the department on the 19th November. Mr. R. Velappan Nair, M.Sc., Research assistant, working on Fish Eggs and Larvae scheme of the I.C.A.R., resigned the appointment in March to join the Central Fisheries. His place was filled by Miss M. Samuel on 22nd August. The new scheme on Marine prawns was started on 12th of July with the appointment of Mr. L. R. Kasturirangan.

Research Students.—

There has been unavoidable interruption in the work owing to the several students leaving the department to join the Central Fisheries and due to other reasons. Mr. K. C. Abraham (Part-time student) and Mr. V. Sadasivam (Non-stipendiary student) joined the Central Fisheries in February. Mr. C. Vedachalam (Non-stipendiary student) left owing to domestic circumstances. Mr. J. S. Raj, M.A., Lecturer, Christian College Madras, joined the Department, as a part-time student to finish his thesis on "Indian Lampyridae" for M.Sc. Degree. Mr. G. Krishnan, who submitted his thesis in January has been declared qualified for the M.Sc. Degree as also Mr. P. R. Sadasivam Tampi. Miss S. Kamalaveni, M.A., finished her stipendiary period in August and submitted her thesis on the "Biology of the Hermit Crab" *Clibanarius olivaceus* for her M.Sc. Degree and

left. Mr. Sadasivam, a non-stipendiary student submitted his thesis on the "Biology of Cerithridia Cingulatus". Mr. J. S. Raj, M.A., (Part-time student) finished his work studies on "Indian Lampyridae" and submitted his thesis for the M.Sc. Degree, in August. Miss C. K. Subhapradha finished her stipendiary period and submitted her report and after working as a non-stipendiary student till September left to join the Central fisheries. Mr. M. Sudhakara Prabhu (stipendiary student) was given an extension for a year, but resigned in September to join the Central fisheries. He has submitted a report of his work on the Gonads and kidneys of fishes. Mr. S. Gopalan Nair (Non-stipendiary student) resigned to join the Central Fisheries.

In July 1947, seven new students were admitted on probation. Of these Mr. M. J. George, B.Sc. and S. Krishnaswamy, B.Sc., were given stipends, and the rest are working as non-stipendiary students. All have registered for their M.Sc. The problems they are investigating are detailed below :

S. Krishnaswamy : Studies on the free living Copepods of the Madras coast.

M. J. George : Biology of the edible crab.

Mrs. E. Sita : Studies on the Acanthocephala and studies on the monogenetic Trematoda.

Miss P. Rajeswari Devi : Studies on the kidneys of Gastropods.

J. Cyril Daniel : Lagoon deposit of Krusadai area with special reference to Foraminifera.

P. Vijayaraghavan : Food of some of the common fishes of the Madras Coast.

D. R. Krishnan (Part-time student): On Ctenophora of the Madras plankton.

Publications.—

1. Director: *Caligus sciaena* parasitic on *Sciaena glauca* from Madras. Proc. Ind. Aca. Sciences, February 1947.
2. J. S. Raja : Two species of undescribed Lampyrids. Proc. Ind. Acad. Sciences, February 1947.
3. Director: Occurrences of Termites at Krusadai Island. Current Science, May 1947.
4. S. Gopalan Nair : Larvae of *Periclemenes longitaisus*. Proc. Ind. Acad. Sciences.

Papers in Press.—

5. Director: *Clavellisa dussumieria*, New copepod parasitic on gills of Madras Rainbow sardine. Zoological Society of London.
6. Director: *Lernanthropus sciaena*, parasitic on *Sciaena glauca*. Records of the Indian Museum.
7. Director: Copulating male and female of *Bomolochus multispinosa*. Records of the Indian museum.
8. Director and R. V. Nair : *Otenoplana bengalensis*. Proc. Ind. Acad. Sciences.
9. Director : *Bomolochus hirsutus*. Proc. Ind. Acad. Sciences.
10. S. Kamalaveni : On the larval stages of *Clibanarius olivaceus*. Proc. Ind. Acad. Sciences.
11. Director : Sex differences in Copepods parasitic on Indian fishes. Madras University Journal. To be read at the Science Congress, Patna in January 1948.

Papers with Editors.—

12. Director: *Lernanthropus Dussumieria* parasitic on *Dussumieria acuta* Parasitology, Cambridge.
13. Director: Sex dimorphism in late *Chalimus* and adult stages of *Caligus polycanthi*. Rec. Ind. Museum.
14. Director: Notes on the morphology and development of a *Pycnogonid*, *Propal ene kempi* from Madras plankton. Linnean Society, London.
15. Director: Notes on *Caligus savala* N. Sp. from Madras plankton.

Lectures.—

The following lectures were delivered.

Departmental—General :—

- (a) The concept of the individual in Biology—Christian College.
- (b) Respiration and Atmosphere—Govt. Mohm. College, Madras.
- (c) Senility and Endocrines — Teachers' College, Madras.
- (d) Some aspects of Animal life—Pachaiyappa's College.
- (e) Value of Biology in Education—Meston Training College.
- (f) Modern trends in Zoology—Presidency College, Madras.

Inter-Collegiate Lectures.

Eleven lectures on Invertebrate Embryology to Honours students of the Presidency College and Christian College at the Laboratory.

BOTANY.**Staff.—**

*Director (Reader) :—*Dr. T. S. Sadasivan, M.Sc., Ph.D. (Lond.).

*Lecturer :—*Sri T. V. Desikachary, M.Sc.

General.—

Dr. T. S. Sadasivan was permitted to accept appointment under the Government of India as Officer on Special Duty, Scientific Man-Power Committee, Department of Education, from 26th September 1947 for a period of four months and Dr. M. Damodaran of the Bio-chemistry laboratory was in charge of the Botany Department for the period of absence on leave of the permanent Director.

Sri S. Doraiswami resigned his post of Junior Lecturer in this laboratory to take up the post of the Marine Algalogist in the Central Marine Fisheries on 28-2-1947 and Sri T. V. Desikachary who was appointed as Junior Lecturer joined duty on the forenoon of 19th September 1947.

Besides the two stipendiary students working from the beginning of the year, five students were appointed in July 1947. One student working in the Department is receiving a Cochin State scholarship. The total strength of research workers are seven stipendiaries, one State scholar and four non-stipendiaries.

The Director delivered a series of fifteen inter-collegiate lectures for the final Honours students of the Presidency College during the first term on "Phytopathology". The Junior Lecturer gave a similar series of lectures to the same students on "Hydrobiology" during the second term.

Sri C. V. Subramanian, submitted his thesis for the Ph.D. Degree on (1) "Behaviour of *Fusarium vasinfectum*

in the soil under various conditions", (2) "Saprophytic activity of *Fusarium vasinfectum* in soil" and (3) "Succession of Fungi colonizing Cotton root bits buried in Udumalpet wilt-sick soil." Miss L. Yogeswari submitted her thesis for the M.Sc. Degree on "Nutritional Physiology of certain wilt (Root-infecting) fungi of plants."

Publications.—

The following papers sent to the press during the year 1946, were published during the year 1947:—

- (1) "The Action of Dyestuffs (Malachite Green) on *Pythium aphanidermatum* and other soil Fungi" by T. S. Sadasivan. (Prof. M. O. P. Iyengar Commemoration Volume) Jour. Ind. Bot. Soc., 1946 (1947).
- (2) "The saprophytic activity of *Fusarium vasinfectum* the Cotton wilt pathogen in the soil. 1. Colonisation of cotton roots buried in the soil" by C. V. Subramanian, *ibid.*
- (3) "On the genus *Nostochopsis* Wood" by T. V. Desikachary, *ibid.*
- (4) "Nuclear division, cell-division and zygote formation in *Micrasterias denticulata* Breb. var. *notata* Nordst" by M. R. Saraswathi, *ibid.*
- (5) "Ecology and Seasonal Succession of Marine Algae at Mahabalipuram" by K. S. Srinivasan.
- (6) "*Chrysodictyon indicum* gen. et sp., nov., a new member of the Chrysophyceae from South India" by K. R. Ramanathan, *ibid.*
- (7) "On Somatic division, Reduction division, auxospore-formation and sex differentiation in

Navicula halophila" by R. Subrahmanian, *ibid.*

- (8) "Cytology and spermatogenesis in *Chara Zeylanica*" by V. S. Sundaralingam.
- (9) "Morphology and Cytology of *Melobesia farinosa*" by M. S. Balakrishnan, *ibid.*
- (10) "Note on *Pseudovellula americana*" by M. T. Philipose, *ibid.*

Further the following paper was published during this year.

- (11) "Aeration affecting growth and sporulation of some soil *Fusaria* in liquid cultures" by Miss T. S. Sarojini and Miss L. Yogeswari, Proc. Ind. Acad. Sci., 26, pp. 69-76, 1947.

Paper in the press.—

- (1) "A note on some abnormal flowers of *Hibiscus esculentus* L." by K. S. Venkataramani, Proc. Ind. Acad. Sci.

Work on the following problems is in progress.

Director :—

"On the Oxidiser reducer systems on *Pythium aphanidermatum* and other soil fungi."

Lecturer :—

- (1) "Systematic account of some sub-aerial algae growing on some Cotton fabrics."
- (2) "On certain algae growing on cement walls in Bombay."
- (3) "The mode of branching in some members of the Mastigocladaceae."

- (4) "On the toxicity of some common blue greens occurring as water blooms."
- (5) "Algal flora of the mountain streams in South India."

Mr. C. V. Subramanian : "Effects on some dye-stuffs and chemicals on *Fusarium vasinfectum* with special reference to Cotton wilt."

Mr. K. S. Venkataramani :—

1. Blossom biology in *Hibiscus esculentus* Linn.
2. Study of hybrid vigour in *Hibiscus esculentus* Linn.
3. The inorganic nutrition of plants with special reference to some Indian vegetables.
4. Studies in the Ascorbic acid (Vitamin C) content of *Trigonella foenum graecum*.

Miss T. S. Sarojini :—Pathogenicity of *F. udum*; trials on *Cajanus cajan* with micro-element nutrition in the soil.

Miss L. Yogeswari :—Further studies on the nutritional requirements of some soil borne "root-infecting" Fungi.

Miss C. Thangam :—Antagonisms between soil fungi and other micro-organisms in the soil with special reference to *Fusarium vasinfectum*.

Miss A. T. Zachariah :—The micro-ecology of the soils of some cultivated fields of South India

with special reference to the occurrence and physiology of *Fusaria*.

Mr. N. T. Somasundaram :—The organic and inorganic nutritional physiology of Cotton with special reference to the wilt disease of *Fusarium vasinfectum*.

Mr. C. S. Venkataram :—Studies on Cotton seed :—
(1) The infection of cotton seed due to various soil and seed borne micro-organisms.
(2) Preliminary investigations on the part played by various micro-organisms in the loss of viability of Cotton seed in storage.

Miss C. B. Sulochana :—Soil condition and wilt diseases in plants : (1) Colonization and survival of soil *Fusaria* in soils treated with micro-elements.

K. Radha : Soil conditions and wilt diseases in plants with special reference to *Rhizoctonia bataticola*.

Mr. B. W. X. Ponnayya : Studies in *Sorghum*. Resistance of certain varieties of *Sorghum* to cholam fly (*Atherigona indica*) attack and its causes.

Mr. S. V. Srinivasan : "Studies in Inorganic nutrition of certain plants, eg., Tomato and Onions."

TECHNOLOGY.

(Alagappa Chettiar College of Technology, Guindy.)

Dr. M. A. Govinda Rao continued to be the Acting Professor and Head of the Department during the year. There was no change in the remaining staff of the College, in the Chemical Technology Section.

17 students passed the Final B.Sc. (Tech.) examination during the year in Chemical Engineering and 5 each in Textile and Leather Technology. 247 applications were received for admission to the course in July 1947; 19 were admitted to the Chemical Engineering Class, 11 for Textiles and 8 for Leather Technology.

A large quantity of equipment for Chemical Engineering has been received as also a considerable part of the glassware and instruments indented. 257 volumes besides 54 volumes of back numbers of periodicals have been added to the Library in the year. One studentship has been instituted and one of the students who passed out of the College with distinction has been awarded the same and he is working on the subject—'Absorption of Carbon Dioxide'. Two enquiries have been undertaken at the College, one on 'the examination of Sludges formed in the Oil Engines' for the Corporation of Madras and the other 'Processing of Coconut Sweet Juice for the Board of Revenue.'

The College is continuing to have part of the classes in the College of Engineering. The construction of the main building has now been taken up and the area that is expected to be built immediately will cover a floor space of about 70,000 sq. ft. The completion of the entire scheme of construction as envisaged will mean the addition of a floor space of about 50,000 sq. ft. in the main building and about 60,000 sq. ft. in two separate blocks for Textiles and Leather Technology. These will be taken up as and when funds and facilities become available. The college main building is capable of further expansion as the foundations have been designed to carry a third floor. When the Department develops the third floor will be built up.

Textile Technology:—Mr. D. M. Amalsad continued to be the Honorary Professor. Sri M.B. Satyamoorthy

left the College on the termination of the period of his appointment in November 1947. Messrs. R.A. Quraishi B.Sc., B. Sc. (Tech.) and S. Krishnamurti, B.Sc., B.Sc. (Tech.) have been appointed Lecturers in Textile Technology with effect from 1st September 1947 and 26th November 1947 respectively. The Government of Madras have been pleased to continue the permission to hold the classes in Textiles at the Government Textile Institute, Washermanpet, utilising the facilities available at the place. Special mention should be made that the authorities of the B. & C. Mills, Madras, The Pioneer Mills, Peelamedu and the Vasantha Mills, Singanallur gladly co-operated with the University by permitting the students to have the necessary practical training at these mills.

Leather Technology:—Sri K. Seshachalam Choudary was in charge of the Leather Section as in the previous years. Sri K. Rajabather was re-appointed as Assistant in Leather Technology for a further period of one year from the 26th July 1947. Mr. Mathew C. Elanjikkal, B.Sc., B.Sc. (Tech.) was also appointed as Assistant for a period of two years from the 11th August 1947. With the kind permission of the Government of Madras, the facilities of the Government Leather Trades Institute, Washermanpet continued to be available for the conduct of the classes in Leather Technology. The Ministry of Defence (Army Branch) has recently permitted the training of students at the Harness and Saddlery Factory, Cawnpore. The first batch of students will be leaving for the training early in 1948. Out of the annual grant of Rs. 60,000/- paid by the Council of Scientific and Industrial Research, New Delhi, it has been possible to start research in Leather Technology, during the year. Mr. P. Hanumantha Rao, B.Sc. (Tech.) has been appointed Research Assistant and he commenced work on the 17th October 1947 under the direction of the Honorary Professor at the Government Leather Trades Institute, Washermanpet.

ANTHROPOLOGY.**Staff:**

Lecturer : Sri L. A. Krishna Ayyar, M.A.

General:

Sri L. A. Krishna Ayyar joined duty as the Head of the Department of Anthropology on the 4th January 1947. The Certificate Course in Anthropology was inaugurated on the 2nd July 1947. It is proposed to start the Diploma Course in Anthropology from next year.

Certificate Course :

Five students joined the course in July 1947. Three lectures a week on Social and Cultural Anthropology were delivered for the students during the year.

Research Work:

The following papers were published by the Lecturer:

1. Caste in Kerala in two Parts (New Review Volume XXVI, July and August 1947.)
2. The Nayars (in the Press), Madras University Journal.
3. The Pre-historic Archaeology of Kerala (in the Press).
4. The Aboriginal Problem in India (Indian Science Congress, 1948).

The Lecturer visited the Department of Anthropology at the Calcutta University in the last week of September 1947.

SANSKRIT.**Staff.—**

Reader : Sri C. Kunhan Raja, B.A. (Hons.), D.Phil. (OXON.)

Senior Lecturer : (Vacant).

Junior Lecturer : Sri V. Raghavan, M.A., Ph.D.

It is reported with regret that Sri T. R. Chintamani, M.A., Ph.D., who was the Senior Lecturer in the Department since July 1930 died on the 24th August 1947.

Work of the members.—

Reader : He was on leave till the 17th January to examine the manuscripts of the library in Jaipur, and again from 15th April to the 30th April for reasons of health.

The Rigveda was published in October.

Checked the list of manuscripts in Jaipur, prepared during leave last year and early this year.

Taking classes for two hours a week for the Final Year Hons. Students of the Presidency College as part of the programme of Inter-Collegiate University lectures.

Attended the Second P. E. N. All-India Writers' Conference at Benares Hindu University from 31st October to 4th November, as Delegate of the University and read a Paper on "Fundamental Values in Classical and Modern Writers" and also participated in the discussion on various subjects.

Prepared matter for the further portions of Sangitaraja (published from Bikaner) and Sangitaratnakara translation (published from the Adyar Library), beyond the portions already published. Published a small Vedic tract in the Adyar Library Bulletin in two instalments.

Scrutinised the final stage in the thesis submitted by a former student of the Department, who worked in the Department.

Has taken up the comparison of the two Madhava commentaries on Rigveda for a detailed study. Also com-

paring manuscripts of Samavedabhashya with the edition, published already, for preparing variants in reading.

Arranging matter for the critical Introduction of Sangitaratnakara translation, Vol. II.

Arranging matter, from the notes already in hand, for preparing books on classical Sanskrit Literature, Music and Vedic Literature. Preparing Special University Lectures to be delivered early next year.

Corrected the proofs of the Catalogus Catalogorum.

Senior Lecturer : Dr. T. R. Chintamani.

He was collecting matter for the Bulletin on Pramana-mala of Aubhutiśvaroopacharya and examining two manuscripts of Kausitaki Brahmana for noting variants in readings. He was supervising the Research Student, who joined duty last year, in the absence of the Reader on leave and continued the supervision under the general supervision of the Reader after his return to duty.

Junior Lecturer : Dr. V. Raghavan.

Dr. V. Raghavan continued as Junior Lecturer in Sanskrit. He was mainly engaged in the work of the Catalogus Catalogorum. During the year, 92 pages of the work were printed bringing the total number of pages printed of volume one of the Catalogue to 312. He was engaged also on the work of compiling the matter of the next volume. He finished examining 70 volumes of Catalogues and compiled 2,028 slips of material. Four articles of his were published during the year in research journals and he prepared two more articles also. His edition of the Anandaranga Campu, the private publication of which was sanctioned by the University, was taken up for printing during the year and is nearing completion.

Research Student : Mr. T. V. Parameswaran.

He studied all books relating to Vacaspati Misra and prepared short papers on various points in his Vedanta work, under six main headings. His studentship ended on 3rd October 1947.

TAMIL.

Staff.

Reader : Sri R. P. Sethu Pillai, B.A., B.L.

Senior Lecturer : Vacant.

Junior Lecturer : Sri V. Venkatarajalu Reddiyar.

Research Work.

1. *Sri R. P. Sethu Pillai* :

He was Acting Reader in Tamil from 12-10-1946 to 12-10-1947 when he was appointed Reader in Tamil.

Publication.

1. TAMILAR VEERAM (The Heroism of the Tamils) was published during the year under report with permission of the University.

Awaiting Publication.

1. TAMIL INBAM (The Pleasures of Tamil Literature).
2. "ROMANCE OF WORDS" (Sollin Selvam).
3. Comparative Vocabulary of the Dravidian Cognates (Joint work of the Dravidian Departments).

Work in Progress.

1. The Life and work of Father Beschi (Veeramamunivar).
2. A Monograph on Dr. G. U. Pope (Popaiyar).
3. A "Short History of Tamil Literature."

Supervision.

1. Directed the work of the Research Students in Tamil.

General.

1. He is a member of the Script Reform Committee (appointed by the Government of Madras), and attended meetings and offered suggestions.
 2. Appointed member of the Planning Committee of the Tamil Encyclopaedia (from November 1947), attended meetings of the Committees.
 3. The Reader is giving Extension Lectures, from July 1947, every Friday afternoon to the B.O.L. (Hons.) students of Pachaiyappa's College, Madras, on Philology and Epic Literature.
2. *Sri V. Venkatarajalu Reddiyar :*
1. All the Vrttas occurring in Chanda Vrttam, Matra Vrttam and Vishama-Vrttam, were written out and the names of the several Vrttas are also pointed out.
 2. With regard to the work on 'Meypattiyal' read through the Rasa Prakaranas contained in the Nattyasastras, Rasa-Gangadhara and Sahitya Darpana.

Research Students.

1. *Rev. Ceyrac :* The student was working from January 1947 to September 1947. He registered himself for the Ph.D. Degree of this University; but as he was called away to Paris by his mission he discontinued his work here.
2. *Mr. V. Ponnuthurai :* He is working on the Treatment of Nature in the Hymns of Tirugnanasambandar. He is deputed by the Government of Ceylon to do work in this University.

TELUGU.**Staff.**

Sri K. Ramakrishniah, M.A., Senior Lecturer. (from 28-10-47).

Sri N. Venkata Rao, M.A., Junior Lecturer.

Mr. K. Ramakrishniah, re-appointed as Senior Lecturer for one year, joined the Department on 28th October 1947.

Work of the Department.

Senior Lecturer : The Senior Lecturer has been engaged in a study of the Dravidian Phonetics and of the language and idiom of Nannaya's Telugu Bharata. In connection with the former he has prepared an essay on "Some Peculiar Dravidian Sounds and their development in Telugu," published in the current number of the Bharati. A treatise dealing with the peculiar features of Nannaya's Language and the influence of Sanskrit Language on Nannaya's thought and idiom, is under preparation.

Junior Lecturer : The Junior Lecturer has been engaged in preparing a comprehensive study of the lives of the Telugu Poets of the first half of the second millennium A.D. in six parts of which the first two parts have been finished, and the third part dealing with the Saivite Poets is under preparation.

The treatise on Udaharana Literature is ready and will be submitted shortly for sanction for publication.

During the year the Department has taken up the work of the Mackenzie Manuscripts in co-operation with the Department of Indian History and Archaeology and the Junior Lecturer who has been entrusted with the work from the beginning of September 1947 has prepared summaries of two volumes relating to the Telugu country, which has not been hitherto taken up.

KANNADA.**Staff.**

Senior Lecturer : Sri M. Mariappa Bhat, M.A., L.T.

Junior Lecturer : Sri M. Govinda Rao, M.A., B.O.L.

Senior Lecturer.**A. Research Work :**

1. Engaged in the work connected with "Desi Element."
2. Scrutinised, summarised and edited Kannada manuscripts from Mackenzie Collections (Nos. 18-15-7 ; 18-15-9 ; 18-15-28 ; 18-15-4 ; and 18-15-40).
3. Finished writing out the whole of the Old Champu work Rukmanagada Charitre with a view to editing it.

B. Contributions :

Contributed ten articles to leading Journals.

C. Works awaiting publication :

1. Kumara Ramana Kathe.
2. Mangaraja Nighantu.
3. Dravidian Cognates (Joint work of the Dravidian Departments).

D. Supervision :

Guided the work of the Research Student.

E. General :

1. Attended the Kannada Script Reform Committee, set up by the Mysore State Adult Education Council, as a Delegate of the University.
2. Served on the Kannada Advisory Committee and the Syllabus Re-Organisation Sub-Committee of

the Government of Madras, with the permission of the University.

Junior Lecturer.**A Research Work :**

1. Prepared a list of Yakshagana works as mentioned in the Lives of Kannada Poets by R. Narasimha-char and from other sources.
2. Copied five useful manuscripts from the Mackenzie Collections.
3. Wrote out 100 pages of the thesis on "Yakshagana Literature," after making a study of 'Parthi Subha' 'Pandava Vijaya', and other important Yakshagana works.
4. Wrote out two chapters on the 'Origin of Bhakti' and another on 'Haridasa's' for the work on 'Haridasa Literature.'
5. Made a comparative study of Rudrabhatta's Jagannadha Vijaya, and Leelasukha's Krishnakarnamrta.

B. Mackenzie Manuscripts :

Summarised 10 Kaifiats into English under Mackenzie Collections.

C. Contributed seventeen articles to the various journals.**Research Student.**

Mr. H. V. Seshachar, B.O.L., is continuing as a Research student. He will be submitting his final report shortly.

MALAYALAM.**Staff.**

Dr. C. Achyuta Menon, B.A., Ph.D. (London), Senior Lecturer and Head of the Department.

Sri S. Krishnan Nayar, Junior Lecturer.

The Head of the Department was on leave on average salary from the 25th November to 23rd December 1947.

Sri P. Krishnan Nair, the Junior Lecturer retired on the 27th April 1947 and S. Krishnan Nayar, B.O.L. who was appointed in his place, joined duty on 7th August 1947.

Senior Lecturer.*Publications :*

1. A sketch of Valia Kunhi Raman Menon, the founder of Kerala Patrika, the oldest Malayalam Newspaper—Parijatam, May 1947.
2. A series of articles on 'United Kerala'—its historical background (5 articles)—Keralodayam from August 1947.
3. The Language Problem under the new Dispensation (Malayalam)—Mathrubhumi Weekly, 14th August 1947.
4. The Language Problem under the new Dispensation (in English)—Madras Information, October 1947.
5. Evolution of Nalappatan's Poesy—Commemoration Volume presented to the poet on the completion of his Shastipurthi—Calicut, October 1947.
6. An Interview with Asan—Sujanandam, November 1947.
7. The Make-up of Kathakali—Malayalee Club Golden Jubilee Souvenir, December 1947.

Contributions :

1. Killi Kurussimangalam—For Visalakeralam, Annual, Bombay.
2. Malayalee—His Martial qualities—Mannan Souvenir.

Lectures :

1. Vallathole as a Lyric Poet—Madras Christian College, 14-2-1947.
2. Malayalam Drama, Old and New—Madras Christian College, 17-2-1947.
3. Khandakavyas, Queen Mary's College, 28-2-1947.
4. Dramas of Bhasa with special reference to Madhyama Vyayogam—Queen Mary's College, 29-2-1947.
5. Poetry of Ullur—Pachaiyappa's College, 3-3-1947.
6. Novels in Malayalam Literature—Pachaiyappa's College, 5-3-1947.

Works completed :

Translation of Kerala Pazhama completed since.

Work in Progress :

1. Nayars and their institutions.
2. Snake Cult in Malabar.

Supervision :

Mr. N. V. Krishna Warriar's thesis was scrutinised and passed for submission for the M.Litt. Degree in August 1947.

General :

The Senior Lecturer opened the All-Kerala Literary Conference held at Calicut in the last week of May and presided over the public meeting held at Punnayurkulam, S. Malabar to present a Souvenir and Rs. 2,000 to the poet N. Narayana Menon on the completion of his 60th birthday.

He was invited for the Indian Literatures Conference at New Delhi which has been postponed on account of disturbances in North India.

Junior Lecturer.

Mr. S. K. Nayar is working on "Folk Art and Literature of Kerala." He is at present engaged in examining the theories on the various conception of Art in General and Folk Art in particular.

Publications :

1. Art and Dream--Keralodaya (November).

Contributions :

1. Art and Progress--Mannan Souvenir to be published next month.
2. The Value of Art--Keralopaharam to be published next month.
3. Art pure and applied--Keralodayam to be published next month.

ARABIC PERSIAN AND URDU.**Staff.**

Reader :—S. Muhammad Hussain Nainar, M.A., LL.B., Ph.D.

Junior Lecturers :—S. Muhd. Usha,
Muhammad Hussain Mahvi.

Work of the Members.**Reader in Arabic :**

1. Prepared a Bibliography for the proposed work *History of Islam in South India*.
2. Engaged in collecting materials for the above work.
3. Revising the list of Arabic and Persian words in the Tamil Language.

Junior Lecturer in Persian:

1. Got ready a press copy of *Tarikh-i-Shah Jahan*.
2. Completed the writing of notes and glossary for *Timur-Nama*.
3. Engaged in preparing a press of *Waqai-i-Saltanat-i-Muhammad Shah Padshah*.

Junior Lecturer in Urdu :—

The Junior Lecturer in Urdu who retired from July 1947 was re-appointed and joined duty on 13th November 1947.

Engaged in preparing a press copy of *Sharah-Tuhfat-al-Irraqayn*: Copied pp. 216-315. Copying of the Ms. is completed.

Also engaged in preparing a press copy of *Dalilush-Shura* by Mohamad Mahdi Wasif. Copied pp. 1-17.

INDIAN MUSIC.**Staff.**

Senior Lecturer :—Sri P. Sambamoorthy, B.A., B.L.

Assistants :—Sri Valadi Krishnier (Vocal).

Sri M. Udayavarama Raja (Veena).

Sri Madura Subrahmanya Iyer (Violin).

Research work done during the year.

Theory and History of Music.

Senior Lecturer :

1. Internal evidences furnished by the compositions of Tyagaraja.
2. Tyagaraja's Pancharatnas and Group Kritis.
3. Musical contests which threw light on the history of Indian Music.
4. Music and Mathematics.
5. Bibliography of Swati Tirunal.
6. Murchhanakaraka melas and Murchhanakaraka janya ragas.
7. In the Dictionary of South Indian Music and Musicians besides the article on "Absolute Music" articles on some Minor composers have been completed.

Publication.

The Teaching of Music.

Papers published.

1. Tyagaraja (Indian Listener).
2. Tyagaraja as a Musicologist (Souvenir of the Indian Fine Arts Society.)
3. Music of the post-Tyagaraja period (Silpi).
4. Survival of the useful and the beautiful in the Realm of Music and Gandhara grama (Music Academy Journal).
5. Walajapet Musical Manuscripts II (Music Academy Journal).
6. Music and Mathematics (Journal of the Madras University).
7. Bibliography of Swati Tirunal (Swati Tirunal Centenary Volume).
8. The Genius of Swati Tirunal as revealed in his varnas (Swati Tirunal Centenary Volume).

Supervision.

The Senior Lecturer was deputed to attend the Swati Tirunal Centenary celebrations held in Trivandrum in July and there read two papers on Swati Tirunal. While there, he also addressed a special gathering of Music teachers on "The Methods of Teaching Music."

The Lecturer guided the work of the Research Fellow and the Research students working on the several subjects and examined the periodical reports submitted by them.

Research Fellow.

Sry. A. V. Kamala :

Subject : "Instruments used as accompaniments in ancient and mediaeval times." She has completed her work and will be submitting her report shortly.

Stipendiary Research Students.

Sry. R. Brinda:

Subject : "Sacred Music" : Its origin and Development. She has submitted her final report. She will amplify the same and submit it for the M. Litt. Degree.

Sry. K. Varadalakshmi:

Subject : "Raga and Rasa". After completing the study of the essential aspect of the darus figuring in dance dramas and operas, she has begun the study of padas.

Mr. R. M. Sundaram :

Subject : "The History of musical forms used in concerts". He has completed his work and will be submitting his report shortly.

Non-Stipendiary Research Students.

Sry. R. Saraswati :

Subject : The influence of Indian music on the music of the adjacent lands".

Mr. D. B. Narayana Rao:

Subject : "Evolution of Prasiddha Ragas."

The above two students are engaged in writing their theses for the M.Litt. Degree.

Sry. K. Gomati :

Subject : "Dance Dramas of South India."

Sry. V. Sita Devi :

Subject : "Folk Music of the Andhra Desa."

Sry. K. S. Thulasi Bai:

Subject : "Musical Iconography."

These three students are continuing the work on their respective subjects.

Diploma Course.

The Senior Lecturer and the Assistants conducted the Diploma classes. There are 17 students in the second year class and 11 students in the first year class. One student who passed the Music Diploma Examination held last April joined for the additional course in Veena. The total number of students on the rolls is thus 29. Of the 28 students taking the whole course 22 have chosen vocal, 5 veena and 1 violin for their Practical. Of the students taking the whole course, 4 from the first year class and 8 from the second year class are studying additional practical subjects—2 violin, 1 veena and 1 vocal in the first year class and 4 vocal, 3 veena and 1 violin in the second year class.

Of the 12 candidates that appeared for the Diploma Examination in April 1947, 8 passed.