

period of three years from 30—9—48. Dr. K. C. Chakko, B. A., D. Sc. (Lond), M. I. E., Head of the Department of Engineering was elected to Deanship of the Faculty.

Professor G. V. Krishnaswami, Dean, Faculty of Science was on leave under medical advice for four weeks and Professor R. V. Seshaiya was appointed to act as Dean in his place.

9. Boards of Studies:— All the Boards of Studies except Botany, Zoology, Dravidian Languages other than Tamil and Music were reconstituted during the year for a period of three years from 6th December 1947. Casual vacancies that occurred during the year were filled by the Syndicate from time to time.

10. Committees:— The following Standing Committees of the Syndicate were constituted during the year to transact University business:—(i) Accounts, (ii) Recognition and Exemption, (iii) Law, (iv) Research, and Publications, (v) Finance and (vi) Buildings. In December 1948 a Special Committee of the Syndicate called 'Finances Scrutiny Committee' was constituted to scrutinize such matters involving finance as are referred to it by the Vice-Chancellor before they are placed before the Syndicate for consideration.

(II) MEETINGS.

11. The Senate:— Two statutory meetings of the Senate were held during the year, the annual meeting on the 31st March, 1948 and an ordinary meeting on the 2nd December, 1948. At the former meeting, the Senate adopted the Nineteenth Annual Report of the University for the year 1947, and passed the Financial Estimates for the year 1948-49 and the Annual Accounts of the University for the year 1946-47 as audited by the Examiner of Local Fund Accounts, Madras. A special meeting of the Senate was held on 2—12—48 fifteen minutes before the scheduled hour, at which prizes were presented to candidates declared successful at the competitions held under the *Tiruppanandal Prize Endowments*.

12. The Academic Council: There were two ordinary meetings of the Academic Council, one on the 30th March, 1948 and the other on the 30th September, 1948. A special meeting of the Academic Council was held during the year on the 1st December, 1948 to consider the proposals of the Syndicate for the revision of numbers and grades of teachers for the departments of Engineering and Technology.

13. Faculties:— The Faculties met as usual during the year.

14. Boards of Studies:— All the Boards met at least once during the year.

15. The Syndicate:— Ten ordinary meetings of the Syndicate were held during the year. Routine and urgent items of business were transacted in circulation.

16. Board of Selection:— The Board met five times during the year to make appointments to the Teaching Staff.

The question of the relative jurisdiction and powers of the Syndicate and the Board of Selection with reference to appointment and promotion of teachers from one grade to another was examined by the Syndicate. After obtaining legal opinion, it was decided that, according to the provisions of the Act, the first appointment of a teacher in any category and confirmation of a teacher in his post are matters within the competence of the Board of Selection, and that promotion of a teacher from one grade to another in the same category should be made by the Syndicate. For the latter purpose the Syndicate laid down the procedure that in the event of a vacancy arising in the higher grade in any category, the promotion should be made by the Syndicate in consultation with the Head of the Department concerned. In the absence of a qualified person for promotion within the Department,

Edn. & P.H. Deptt.

(1945) Department

Education

SERIES.

G.O. NO.

2184 Education

2184

Dated

7th July 1949.

(68)

[Despatch Abstract.]

University - Annamalai - Annual report for 1947-48 - and Audit
on the ~~XXXX~~ annual accounts for 1947-48 - Recorded.

Back Papers.

No.	Department.	Date.	G.O.	No.	Department.	Date.
20						
18						

Further Papers.

No.	Department.	Date.	G.O.	No.	Department.	Date.
20						
26	BSN	11.6.51				

ANNAMALAI UNIVERSITY



Re No. 1020. Bt.

16th April, 1949.

From

THE REGISTRAR,
ANNAMALAI UNIVERSITY
ANNAMALAINAGAR

To 11 APR 1949

The Secretary to Government of Madras,
Education and Public Health Department,
Fort St. George, Madras.

Sir,

Sub: Annual Accounts for 1947--48 - Audit Report.

Under Section 26(2) of the Annamalai University Act, 1928, I am to submit the Annual Accounts of the University for 1947--48 as audited together with the Audit Report and the replies thereto as passed by the Senate at its meeting held on 29--3--1949. The accounts of the University and the Audit Report for 1947--48 are printed as appendix C to the Annual Report a copy of which is sent by separate post.

I am also enclosing for the information of Government under Statute 6 of Chapter XIV of the laws three copies of the Annual Report, on the working of the University for the Calendar year 1948. The report was placed before the Annual meeting of the Senate held on the 29th March 1948 and the Report was adopted by that body.

S. Sathubalan

Encl: Annual Report,
1948: 3 copies

Registrar

P.M.16/A

Present all. 20/4/49
to 17/4/49
15/7/49

Edn + Public
Health Dept

Encl no 30420 42/49-1 Dated 26/7/49

Referred to the Examiner of
Local Fund Accounts for
remarks on the replies of the
University on the audit report
of the accounts.

(Bynder)

V. Ramanammi
Assistant Secretary

22/4/49

To the Examiner of Local Fund Accounts
with encl - copy of Report) rels.



Office of the Examiner of Local Fund
Accounts, Madras.

Subject:- Audit Report 1947-48 Annamalai University- Replies.
Remarks called for.



Reference:- Endorsement No. 30420 G-2/49-1n dated 26.4.1949

Paragraphs 5 and 11. The Land accounts were since produced.
The following defects were noticed.

(a) The accounts for Fasli 1356 were not written up then and there by the maistries put in charge. Consequently they had to be compiled at a later stage with reference to the records available in the University office. Certain pages in the ledger and register of grain accounts were missing.

Page 174 in the Ledger.

Pages 73 and 74 in the register of grain accounts.

(b) According to the varam lease deeds executed by the lessees the total area leased out for cultivation was 28 acres and 18 cents. But the produce of only 190 acres and 18 cents was brought to account in the harvest account. The produce in respect of the remaining area of 28 acres and 23 1/2 cents was not accounted for and would need investigation.

(c) A reference to the harvest account showed that no produce was collected from the following lessees.

Name of lessee.	Extent of land leased.	Survey No.
Manicka padayachi.	1 acre	62/1
Ayyathorai	16 cents	136/1
	19 ..	136/2
	65 ..	136/3
	52 ..	136/4
	12 ..	124/5
	33 ..	133/1

This would need investigation.

(d) Paddy was sold to University staff and others. The sale proceeds were pending recovery from the following persons.

Swamikannu pillai watchman	10 kales
Antony peon	10 ..
Jagannathan, Flying officer	24 ..
Gopalakrishnan	4 ..
Pitchandi	2 ..
Narayanaswami	3 ..

Paragraph 6. The account rendered by the Mukundan Press for Rs. 288.15 Reams of paper issued from the University still remained to be produced, for check.

Paragraph 7. The final result of the correspondence with the Accountant General, Madras regarding the discrepancy between the Departmental and Treasury figures is awaited.

Paragraph 9. The reasons for placing the order with the firms which had quoted rates higher than the shortest should have been recorded in writing in the file itself so as to avoid possible audit objections.

Paragraph 12. A perusal of the annual verification statement and the report of the stock verifier showed that there were several cases of shortages in the articles. No action had been taken to investigate into the cases of such shortages and fix up responsibility. The Syndicate at its meeting held on 20.9.1946 simply recorded the report and sanctioned the remuneration of the stock verifiers. The report for 1946-47 was stated to be under scrutiny. It is necessary that the causes for these shortages are examined and responsibility is fixed for such losses. The Syndicate may be requested to take up this question without any further delay.

Paragraph 14 (a). The reply is not acceptable. The rules do not provide for the halt of the staff at Ootacamund with the Vice Chancellor and consequently no travelling allowance is admissible. The specific sanction of the Syndicate would need to be obtained to the expenditure.

Paragraph 14 (b). The point at issue is whether the Vice-Chancellor may take a peon with him at the University cost when he travels not on University business and when he is not paid travelling allowance from the University funds. The specific sanction of the Syndicate would need to be obtained to the expenditure.

Paragraph 15. The reply is not fully acceptable. The probable requirements of the year should have been estimated in reference to the requirements of the previous year and placed in advance. The expenditure by way of travelling allowance for purchasing articles worth only Rs. 101.8.9 is not economical and the amount of travelling allowance is not economical and admissible.

Articles purchased	Rs. 101.8.9
Travelling allowance paid.	52.4.0

Paragraph 17. Rules 98 and 99 of the Financial and account Rules require that tenders should be invited for the purchase of articles worth over Rs. 500/- The reply furnished for not having observed the rules is not convincing and more so in the case of articles purchased in the physical Education department. As stated in the replies, the rules relating to the invitation of tenders could not be observed on account of urgency or otherwise the matter should have been taken to the notice of the Syndicate at its meeting and its approval obtained. The sanction of the Syndicate ratifying the irregularity would need to be obtained.

Paragraph 18. The reply is hardly convincing. Nothing prevents the officer to make his recommendation notwithstanding the comparative statement of tenders received for preferring a particular tender with his reasons therefor. Rules 109 and 110 of the Financial Rules should have been followed.

Paragraph 20. The reply does not meet the audit objection fully. The rate agreed has not been specified and it is not known what the local market rate is and whether the contractor agreed to accept Rs. 3/- less. The agreement executed by the contractor, if any, remained to be produced.

Paragraph 21. The nature of the special and abnormal conditions has not been specified. This would need to be explained to the Syndicate and its sanction obtained for admitting the extraordinary extra payment.

Paragraph 22. The reply is not convincing. The Gas plant can be tested only after it is repaired, and the repairs apparently include filling in with water and pumping out. The statement that this did not find a place in the contract that was entered into is not borne by any record notwithstanding the untenable

nature of the contention. The payment made is irregular and would need to be recovered.

Paragraph 24. The result of the investigation is awaited.

Paragraph 26. The advances outstanding will need to be adjusted without any avoidable delay.

Paragraph 27. Separate account for each Endowment has not been prepared. In the absence of such an account, the amount available under each endowment cannot be ascertained and any diversion of fund from one Endowment to the other cannot be checked.

Paragraph 30 (a) The reply is not acceptable. If tenders had been invited for longer periods than one month such as terms of bigger merchants would have tendered and a substantial deposit can be taken to avoid avoid possible loss. If the loss is not recoverable, the full facts of the case would need to be explained to the Syndicate and its sanction obtained to waive the loss or extra expenditure incurred thereby.

It is desirable that tenders for the supply of ghee, oil and plantain leaves are invited for the College by advertisement so as to allow wholesale dealers to part in the supply.

(b) The recovery of the excess payment is awaited.

Paragraph 31. The latest position of the arrears has not been given. The arrears date as far back as 1942-43 and the cause of irrecoverability or otherwise would need to be investigated and orders of the Syndicate obtained to wipe them off.

Paragraph 33. The objection statements from December 1947 to February 1948 and for March 1948 are pending return with reply.

The enclosures received with the Government endorsement read above are returned herewith.

Assistant Examiner of Local Fund Accounts

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

Mr. [Signature]

Issue Letter
To Mr. [unclear]
[unclear] [unclear]
[unclear] (92)

C.No.30420/49.

68
PP3-5cf

PP3-5cf

P.H.(G.2)

University - Annamalai - Annual Report for 1947-48 and the audit report on the annual accounts for 1947-48 - Recorded.

From the Registrar, Annamalai University, Rec.No. 1020-B1 dated 16-4-1949.

From the Exr.of L.F.Accounts, L.F.No.123 dated 24.6.49.

Order/Ms. 2184 Edn. 7-7-49
Recorded.

2. A copy of the remarks of the Exr.of L.F.Accounts on the annual accounts of the University for 1947-48 is communicated to the Registrar, Annamalai University, and is requested to take steps to rectify the defects pointed out.

the Exr.

2-7-49

To

The Registrar, Annamalai University.
(with copy of p.p. 3-5 c.f.
The Exr. of E.F. Accts.
The A.G. (with a copy of
the Report and
the Exr's Report)

The DPI -do-
1 spare copy

Recd. 15/7/49
790 17182
15/7/49



5/4
2-7-49
H. N. (E + L)

6/7

THE
TWENTIETH ANNUAL REPORT
OF THE
ANNAMALAI UNIVERSITY

21 APR 1949 1948.



THE CROSSWORD PRESS
CHIDAMBARAM.

1949

THE
TWENTIETH ANNUAL REPORT
OF THE
ANNAMALAI UNIVERSITY

1948.



THE CROSSWORD PRESS
CHIDAMBARAM.

1949

ANNUAL REPORT 1948.

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ANNAMALAI UNIVERSITY. 8

Twentieth Annual Report, 1948.

I. Introductory.

1. In compliance with the provisions of Statute 6 of Chapter XIV of the Laws of the University, the Syndicate presents to the Senate for consideration this report on the working and progress of the University for the calendar year 1948.

2. The normal work of the University continued during the year in all respects as in previous years. The following may be mentioned as some of the noteworthy events of the year :

(i) Revision of grades and scales of salary of all employees of the University and payment of Dearness Allowance at government rates.

(ii). Adoption of Tamil as medium of instruction and examination in the Arts subjects (Histories, Economics and Logic) under Part III of the Intermediate course of study, with effect from July 1948.

(iii). Reorganization of schemes of study leading to the award of Pulavar and Siromani Titles in the Oriental Faculty, with a view to bringing them into line with modern educational requirements.

(iv). Provision of Saiva Siddhanta as a subject of study in the Philosophy course for the B. A. (Pass) degree.

(v). Institution of a course of study and examination for the award of M. Sc. degree to B. Sc. (Hons.) graduates, distinct from the existing M. Sc. degree on the basis of research.

(vi). Opening of the Travancore Hostels by the Hon'ble Sri B. Gopala Reddi, Minister for Finance, Government of Madras, on the 29th August 1948.

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 Madras, continued to be the Chancellor of the University till 7th September 1948. His Excellency Col. Maharaja Shri. Sir. Krishna Kumar Sinhji Bhavsinhji, K.C.S.I., Maharajah of Bhavnagar, who assumed the office of Governor on the 7th September 1948 became the Chancellor of the University from that date.

4 Founder:- The Syndicate reports with profound regret the sad demise, during the year, of the Rajah Sir Dr. S. R. M. Annamalai Chettiar, Kt., LL.D., D.Litt., the Founder of the Annamalai University. Suitable references were made at the meetings of the University authorities and resolutions of condolence were passed.

Rajah Sir M. A. Muthiah Chettiar, Kt., B.A., M.L.A., M.C.A., became the Founder under Section 2 (c) of the Act, from the 15th June 1948.

5. Pro-Chancellor:- Rajah Sir M.A. Muthiah Chettiar, Kt., B.A., M.L.A., M.C.A., the successor in office of the Founder became the Pro-Chancellor of the University. The Senate at its meeting held on the 2nd December 1948 passed a resolution felicitating him on the assumption of the office of the Founder and the Pro-Chancellor of the University.

6. Vice-Chancellor:- The term of office of Mr. M. Ruthnaswami, M.A. (Cantab), Bar-at-Law, as Vice-Chancellor of the University expired on the 18th October, 1948. He was granted leave on other duty for one month from 8-7-48 to represent the University at the quinquennial Conference of the Universities of

the British Commonwealth held at Oxford in July 1948 and in continuation thereof permitted to avail himself of privilege leave from the 8th August to the 18th October 1948—the date on which his term of office as Vice-Chancellor expired.

The Syndicate appointed Dr. A. Chidambaranatha Chettiar, M.A., Ph.D., Dean of the Faculty of Oriental Studies, to exercise the powers and perform the duties of the Vice-Chancellor under Section 12(3) of the Act, till permanent arrangements were made to fill the vacancy.

The Chancellor, under Section 12 (1) of the Act, appointed Dr. S. G. ManavalaRamanujam, M.A., Ph.D. (Lond), D.I.C., Principal of the Presidency College, Madras, as the Vice-Chancellor of the University for a period of three years from the 23rd November 1948. He assumed charge of the office of Vice-Chancellor on the forenoon of the 23rd November, 1948.

7. Registrar:- Mr. G. D. Nandagopal, M.A., Ag. Registrar resigned his office with effect from the 17th August 1948, for reasons of health. Mr. K.P. Kandaswami Pillai, Bursar, was appointed to act as Registrar, pending arrangements for filling up the vacancy in due course. Mr. S. Satchidanandam Pillai, B.A., L.T. was appointed Registrar for a period of one year and he assumed charge of his office from the 7th September, 1948.

Bursar :- With effect from 1-11-48, Mr. K. P. Kandaswami Pillai, was continued in his appointment as Bursar of the University till the completion of his 60th year.

III. University Authorities.

(i) CONSTITUTION.

8. Faculties:- The Faculty of Engineering and Technology was reconstituted during the year, for a

the vacancy should be advertised and filled by the Board of Selection.

(III) GENERAL.

17. The authorities of the University passed resolutions of condolence on the irreparable loss sustained by the country on the passing away of Mahatma Gandhi.

The Senate in March 1948, remitted the following resolution to the Syndicate for such action as it might deem fit.

'That immediate steps be taken (i) to erect a life-like statue of Mahatma Gandhi in a prominent place within the University area and (ii) to provide the important lecture halls and Hostel common rooms with portraits of Mahatma Gandhi'.

The Syndicate decided to defer action pending decision on the form the memorial should take. A bromide enlargement, however, of Mahatma Gandhi was unveiled on the occasion of the Independence Day Celebrations on 15th August 1948.

IV. Legislation.

(I) STATUTES.

18. At the two meetings of the Senate the following alterations to the Statutes were adopted. They were, in accordance with Section 30 (3) of the Act, duly submitted to His Excellency the Chancellor and his assent was received.

(1) Amendments to Statutes 2 and 9 of Chapter XVII of the Laws governing the classification and emoluments of teachers of the University giving effect

to the recommendations of the special committee appointed to go into the question of improving the grades and salaries of teachers in all the Faculties except Engineering and Technology.

(2) Addition of a proviso to Statute 13 of Chapter IV of the Laws to regularise the payment to the previous Vice-Chancellor of a salary in excess of the amount admissible under the Statutes for the period from the 19th October 1942 to 18th October 1948.

(II) REGULATIONS

19. The following alterations in, and additions to, the Regulations passed by the Academic Council during the year were duly placed before the Senate as required under Section 32 of the Act.

- (1) Alterations in Regulation 7 of Chapter XXXII - Fees and other charges - revising the scale of tuition fees payable for the several courses of study at the University on the lines of the recent enhancement of fees in Government and other colleges in the Presidency.
- (2) Amendments to the Regulations, governing the award of B.E. and B. Sc. (Tech) degrees, introducing (i) a scheme of sessional marks in most of the subjects on the basis of class work during the year, and (ii) a provision enabling candidates failing in not more than two subjects but securing the aggregate minimum to proceed to the higher class and complete the lower examination along with the examination of the higher class.
- (3) Amendment to Regulation 11 of the Regulations relating to the award of B. Sc. (Tech) Degree, dropping 'Chemical Engineering Practical' from the scheme

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- (3) Amendment to Regulation 11 of the Regulations relating to the award of B. Sc. (Tech) Degree, dropping ‘Chemical Engineering Practical’ from the scheme

prescribed for the 3rd Year Technology Examination in view of Chemical Engineering having been prescribed as a special subject of study and examination in the final year of the B. Sc. (Tech) degree.

- (4) Addition of a new Chapter of Regulations governing the award of M. Sc. degree by an examination at the end of a course, for the B. Sc. (Hons) graduates, distinct from the existing M. Sc. Degree awardable on the basis of a research thesis.
- (5) Amendments to Regulation 12 of Chapter XX-Boards of Examiners-bringing the scale of fees payable to Examiners conducting practical tests in Engineering and Technology Examinations in conformity with the rates obtaining in other Universities.
- (6) Amendment to Regulation 2 of Chapter XVIII-Number and qualifications of Teachers -fixing the strength of teachers in the several grades for each of the departments of study in the University with effect from 1st July, 1948.
- (7) Transitory Regulation enabling admission to the several courses of study and examinations of this University, of students from Hyderabad whose studies have been interrupted on account of the disturbed conditions in the Hyderabad State.
- (8) Transitory Regulations postponing the conduct of Electrical and Mechanical Engineering Practical Tests for the third year Engineering and Technology students, to September 1948, as they could not be

held in April 1948 due to laboratory facilities not being available.

V. Admission.

20 The total number of students on the rolls of the University during the year 1948 (on 1-11-48) was 1630 against 1817 in the previous year. The number of students admitted during the year in the several Faculties, the total number of students in 1948 and in the preceding three years are furnished below. The number of women students in the University was 95 as against 110 of the previous year 1947-48. The number of admissions to the Engineering course was restricted to 60 as against 100 in the previous years. There was a perceptible drop in the number of students offering Histories, Economics and Logic under Part III of the Intermediate course, during the year, the number of students being 32 as against 124 of the previous year.

Class.	Total No of Students in the University				Arts	Science	Oriental Studies	Engg & Tech	No of students admitted in 1948-49
	1945	1946	1947	1948					
Intermediate	857	801	668	534	148	386	—	—	247
B. A. & B. Sc.	300	343	281	234	116	118	—	—	129
B. A. & B. Sc. (Hons)	208	228	212	218	140	78	—	—	67
B. O. L.	...	...	1	3	—	—	3	—	3
Pulavar	81	84	65	69	—	—	69	—	19
Siromani Sangita	12	10	15	13	—	—	13	—	—
Bushana	115	133	117	104	—	—	104	—	21
Engineering	198	357	392	366	—	—	—	366	60
Technology	24	41	66	89	—	—	—	89	31
Total ...	1795	1997	1817	1630	404	582	189	455	577

VI. Courses of Study.

21. Secondary School Leaving Certificate :- The Government of Madras, Education Department in their letter No. 84391-B1/47 of the 17th January, 1948 requested the views of the University on the following recommendations of the Provincial Advisory Board of Education with reference to the reorganization of Secondary Education in the Province proposed to be introduced with effect from the academic year 1948-49:-

(1) that bifurcation of courses into technical and academic be introduced from the beginning of IV Form instead of from the V Form as originally proposed and provision made for admission to the University of students who take the technical course on the results of a special Examination or the Matriculation Examination.

(2) that the teaching of the optionals in the High Schools should be abolished.

(3) (i) that the regional language should be the compulsory first language.

(ii) that English should be taught compulsorily from Form II to Form VI.

(iii) that provision should be made for the teaching of Hindustani in Forms I to III, and

(iv) that pupils might choose between Hindustani or a foreign or a classical language, in Forms IV to VI in addition to the regional language and

(4) that Domestic Science (Home Craft) should be compulsorily taught in all High Schools for girls.

The Syndicate, in consultation with the Deans of Faculties, informed the Government as follows:-

(1) That it agrees with the view that bifurcation should commence at the end of the III Form

stage. There is no objection to students pursuing technical courses qualifying for admission to University by passing the Matriculation Examination.

(2) That it is agreeable to the abolition of optional subjects in the High School classes.

(3) That it is in favour of adopting the regional languages as the medium of instruction with facilities in as many centres as possible for imparting instruction through the language which is the mother tongue of a sufficient number of people in that centre.

The University is in favour of adopting the regional language as the first language and English as the second language with equal standard in both. Samskrit or Hindi may be offered by candidates as an additional subject of study without an examination at the School Leaving stage.

(4) That it is in favour of the proposal for Domestic Science (Home Craft) being made a compulsory subject of study in all High Schools for girls.

Later, after the passing of the G. O. No. 1395 dated 29-5-48 on the subject, introducing the bifurcated courses in selected Secondary Schools during 1948-49, the Government invited the views of the University on the question of (i) addition of 'Teaching practice' as one of the subjects of study in the bifurcated courses and (ii) fixation of minimum marks required for eligibility for admission to University courses. The Government were informed that the Syndicate was generally in agreement with the proposals and the final decision on the question of marks relating to Eligibility would be communicated later in consultation with the Boards of Studies and the Academic Council.

22. Intermediate :- There was no change in the scheme of study and examination for the Intermediate.

It was decided to impart instruction in Tamil for Samskrit under Part II, and in arts subjects, Histories, Economics and Logic under Part III of the Intermediate course from July 1948.

23. The Boards of Studies in Physics and in Chemistry proposed and the Faculty of Science recommended that the duration of each of the theory papers in Physics, Chemistry, Botany and Zoology for the Intermediate Examination be increased from 2 to 2½ hours. The Faculty of Arts to which this question was referred for opinion endorsed the proposal and recommended that the duration of papers in the Arts subjects might also be increased. The Syndicate has referred the matter to its Finance Scrutiny Committee for consideration and report.

24. **B A. & B. Sc degrees:-** It was mentioned in the last year's report that a special committee was appointed by the Syndicate to consider the provision for the study of Saiva Siddhanta Philosophy in the existing courses and put forward proposals for the encouragement of the study of this subject in the Pass and the Honours Degree Courses at this University. As recommended by this Committee, it was decided to make provision for Saiva Siddhanta Philosophy being offered as an alternative subject of study to European Philosophy in the course of study in Philosophy as an optional subject under Part III of the B A. (Pass) degree, in addition to the existing provision for its study in the Pass and Honours degree courses in Tamil Language and Literature.

Necessary amendments to the Regulations giving effect to this proposal have been approved by the Syndicate and will be placed before the Academic Council at its meeting in March '49.

25. **B A. (Hons). and B. Sc. (Hons) Degrees:-** There was no change in the main scheme of study for the Honours degrees.

26. The recommendations of the Board of Studies in Sanskrit suggesting changes in the scheme of study and examination for the B. A. (Hons) degree in Sanskrit have been referred to the Faculty of Oriental Studies for its opinion. The Faculty has also been requested to consider and report on the general question of effecting uniformity in the schemes of the several examinations in the Faculty regarding the number of papers, their duration, maxima and minima of marks etc.

27. It was mentioned in the last report that the Syndicate had deferred consideration of the proposal to start instruction in Philosophy and in Botany for the Honours Degree. In March '48 the Syndicate appointed a committee to go into the question of starting instruction in Botany, Philosophy and Statistics for the Honours Degree especially in view of the financial implications of the proposal.

28. **M. Sc. Degree:-** During the year, regulations governing the award of the M. Sc. Degree (by examination) open to B.Sc (Hons) degree holders after a course of study for a period of one year, were passed by the Academic Council. The question of permitting the B. Sc. Pass graduates to proceed to the M. Sc. Degree Examination after a course of study for two years recommended by the Faculty of Science is under consideration by the Syndicate.

29. **Oriental Titles:-** The Secretary to Government, Education Department, Government of Madras, in his letter No. 1777/ G3/48-1 Edn. dated 10-1-48 suggested the desirability of reorganizing the courses of study in the Faculty of Oriental Studies to suit modern educational requirements. A scheme for the remodelling of the courses leading to the award of Pulavar and Siromani Titles recommended by the Faculty of Oriental Studies was approved by the Syndicate and adopted by the Academic Council during the year, the chief features of the revised scheme being the introduction of the compulsory study of and

examination in (i) English and (ii) General knowledge. Necessary amendments to the Regulations to implement the revised courses will be placed before the authorities in due course.

30. The Syndicate expressed itself against the resolution of the Board of Studies in Samskrit recommending the institution of a special Entrance Test for admission to Siromani courses from April 1949.

31. The following motion was discussed and lost at the meeting of the Academic Council held on 30-3-48:-

"That steps be taken to institute diploma courses in Music (for non-music students), Dancing and Drama in the University from the next academic year".

32 **Engineering & Technology Degrees:** (i) The Syndicate considered a reference from the Government of Madras, Education & Public Health Department, suggesting the desirability of reducing the duration of the course of study for the Engineering Degree from four to three years without impairing efficiency. The matter has been referred to the Faculty of Engineering & Technology and the Academic Council

(ii) The fourth and the final year classes for Engineering and Technology degrees were conducted during the year. The final degree examination for the first batch of students for the B. E. and B. Sc. (Tech) Degrees will be held in April 1949.

(iii) A separate syllabus in Structural Engineering for the Mechanical and Electrical Branches distinct from the existing syllabus for the Civil branch of the B. E. degree examination was recommended by the Board of Studies and Faculty of Engineering and adopted by the Academic Council.

(iv) Regulations were amended making provision (1) for the award of sessional marks in individual

subjects on the basis of students' record of progress in the class to be added to the marks for the written papers in the respective subjects and (2) for enabling students failing in an examination in not more than two subjects but securing the prescribed aggregate minimum to proceed to the next higher class and take both the higher and lower examinations at the same time.

(v) The second stage of the Technology Buildings was completed during the year and the construction of the III stage will be taken up shortly. The Hostel buildings to accommodate about 100 students have been completed and occupied by July '48. The Laboratories and workshops were being equipped with the available machinery and other equipment.

(vi) Special arrangements were made for the final year students of Engineering and Technology to do practical work elsewhere in the laboratories of the colleges of Engineering, and Technology, mentioned below:-

IV Year (Civil) - Hydraulics & S. M. Lab. at the Engineering College, Trivandrum.

IV Year (Mech & Elec.) - Electrical & Mechanical Labs at the Engineering College, Guindy.

III B. Sc (Tech) - Chemical Engineering Lab. Bombay University.

33. **Overseer Diploma:-** As previously agreed upon, the Government Technological Diploma Examinations Board conducted two examinations during the year for the benefit of candidates who failed in the final examination for the Overseer Diploma held in April '47. The Board has decided that the last examination for such candidates will be held in January 1949. 66 candidates are appearing for the Examination in

January '49 out of the 93 students who took the first final examination in April 1947.

34. Research Degrees:- The number of persons who submitted research theses for the respective higher degrees in research during the year 1948 was as follows: 5 for M. Litt; 2 for M. Sc; 2 for Ph. D. Boards of Examiners have been constituted to scrutinize and report on the theses received.

The Syndicate on the unanimous report of Boards of Examiners, declared 3 candidates as worthy of and duly qualified for the M. Litt. degree. The reports of the Boards of Examiners on the other theses are awaited.

During the year one thesis for the M. Litt. and one for the Ph. D. were rejected on the recommendation of the Boards of Examiners constituted to report on them.

During the year two candidates for M. Litt, 7 for M. Sc., and three for Ph. D. have been registered for the respective research degrees.

A statement of candidates registered for and awarded the research degrees is printed as **Appendix A.**

VII. Examinations.

35. First Admission to the University :- A pass in the Matriculation examination of a statutory Indian University 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 recognized body accepted by the Syndicate, continued to be the qualifying test for admission to the Intermediate Classes.

36. The University Examinations were conducted as usual in accordance with the Regulations of the University.

37. The following is the statement of the number of candidates that appeared for and passed in the several examinations held during the year.

Examination.	No. Examined.	No. passed.	No. qualified for Degrees or Titles.
Intermediate	442	207	
B. A. Part I	62	43	46
B. A. Part II	55	53	
B. A. Part III	60	53	
B. A. Part IV	61	56	
B. Sc. Part I	117	80	68
" " II	112	111	
" " III	118	89	
" " IV	115	97	
B. O. L.	1	1	1
B.A. (Hons) & B Sc. (Hons) Preliminary	58	45	...
B Sc.(Hons)Subsidiary	11	10	...
Br. II. Physics			...
" " Br.III Chem	6	6	...
B. A. (Hons) Br. II H & Pol.	15	15	15
" Br. III Eco.	28	28	28
" Br. IV Eng. Lang. & Lit.	6	5	5
" Br VI Tamil Lang. & Lit.	5	5	5
B Sc.(Hons)Br.I Math	7	7	7
" Br II Phys.	14	13	13
" Br. II Chem	7	6	6
Entrance Test to Pular var course	56	30	...
Pulavar Prel. Reg 8-c.	18	11	...

Vidvan Final Reg.8-A.	1	1	1
„ Prel & Final Reg.8-A	1	1	Passed Prel Part only
Pulavar Final Reg.8-c	29	21	21
Cert. of Prof. in Ori. Learning	3	3	3
Siromani Prel: & Final	4	4	...
„ Final	1	1	1
S. B. Prel.	40	39	...
„ Final	30	30	30
Tamil Music cert.	2	2	2
Intermediate Engg. Pt. I	135	87	...
„ Pt. II	124	92	...
B. E. Degree. Pt. I (Civil)	51	40	...
„ „ (Mech)	17	13	...
„ „ (Ele.)	20	14	...
Inter. Tech. Pt. I	28	23	...
„ „ Pt. II	22	17	...
B. Sc. Tech Degree } Pt. I	14	12	...

38. Malpractice at Examinations:- The Syndicate reports with regret that two candidates were reported to have resorted to unfair means while answering their papers at the B. A. and B. Sc. examinations held in 1948. After examining each case on the material evidence available and the explanations of the candidates, the Syndicate, on the report of its Discipline Committee, awarded punishments cancelling

the examinations and debarring them from appearing at any University Examinations for varying periods not exceeding two years.

39. Admission to Examinations after private study:

The Government of Madras, Education Department in their letter No. 89798 G. 3/47-1 Edn. dated 29-11-47 invited the views of the University on the proposal to amend the Annamalai University Act so as to permit candidates to appear for the Examinations of the University after private study. The Syndicate expressed itself against the proposal and informed the Government that any move in this direction would be inconsistent with the preamble to the Act constituting this teaching and residential University.

40. Exemption from Attendance etc :- As usual, cases of students who were unable to produce the prescribed certificates of attendance at lectures, residence and games were examined and decided by the Vice-Chancellor or the Syndicate, according to rules.

41. Admission to Refugee Students:- In September 1948, the Government of Madras addressed the University in the matter of giving facilities for admission of students evacuated from Hyderabad whose studies had been interrupted on account of disturbed conditions in the State. A suitable transitory Regulation was passed empowering the Syndicate to dispense with a strict compliance with the laws in respect of such students enabling their admission to complete the course of study and examinations of the University.

VII. Convocation

42. The Eighteenth Annual Convocation of the University was held on Tuesday the 2nd December '48, presided over by His Excellency the Maharajah of Bhavnagar, the Governor of Madras and the Chancellor of the University. The Address to the graduates was delivered by the Hon'ble Mr. P.V. Rajamannar, B.A. B.L. Chief Justice, High Court of Judicature, Madras.

A Special Convocation was held on the 20th April '48 for the purpose of conferring the degree of Doctor of Letters (*Honoris Causa*) on the Hon'ble Mr. R. K. Shanmukham Chetty, M. A., the Finance Minister to the Indian Dominion Government, as proposed unanimously by the Syndicate under Section 29(g) of the Act, assented to by the Senate and approved by the Chancellor.

The number of candidates admitted to the several degrees and titles at the annual Convocation was as follows:-

	In Person.	In Absentia.	Total.
M. Litt	1	3	4
M. A.	10	25	35
B. A. Hons.	21	26	47
B. A.	47	31	78
B. A. (War.)	2	—	2
B. Sc. (Hons.)	10	10	20
B. Sc.	59	59	118
B. O. L.	1	—	1
Vidvan.	—	1	1
Pulavar	7	9	16
Sangita Bhushana	24	6	30
Siromani	—	4	4
	<u>182</u>	<u>174</u>	<u>356</u>

43. On a reference from the Government of Madras, Education Department, suggesting the desirability of amending the Laws of the University governing the form of procedure at Convocations, the National Anthem and the form of oaths administered to the graduates, the Syndicate decided that the University was in favour of adopting 'Jana Gana Mana' as the National Anthem at the end of the Convocation and of retaining the present form of oaths as there was nothing derogatory about the language or purport of the oaths.

44. A special committee has been appointed by the Syndicate to examine and report in consultation with the neighbouring Universities on the question of amending the statutes governing the academic costumes to be worn by graduates and recipients of Titles at the Convocation.

IX. Research.

45. The following is the statement of research work done by the various departments of study in the University and published in the University Journal or other learned periodicals:

Name of research worker.	Subject.	Where published.
	PHILOSOPHY	
Prof R. Ramanujachariar (in collaboration with Sri. K. Srinivasachariar)	Nyayaparisuddhi with a hitherto unpublished commentary (2 forms)	A. U. Journal
Do Do	Bhavanopanishad with Texts and commentaries	Srivatsa Press Royapettah
	HISTORY	
Prof. R. Satyanatha Ayyar	A chapter on South Indian History from AD 750 to AD 1000	Contribution to vol IV of the Bombay History of India

Name of research worker.	Subject.	Where published.
Prof. V.G. Ramakrishna Ayyar	ECONOMICS	
	(1) The Income-tax Investigation Commission	Commerce, Bombay
	(2) Rehabilitation of Provincial Finance	Do
	(3) The division of Indian Income Tax	Do
	(4) Total Prohibition in Madras Presidency	Indian Finance, Calcutta
	(5) Cooperation and Cottage Industries	Do
	(6) Economic implications of Linguistic Provinces	Do
	(7) Mat Weaving and Carpet Weaving in Madras Presidency	Textile Journal, Bombay
Sri. M. K. Muniswami	Agricultural Income Tax	Indian Finance (Annual Number)
Sri. A. Subbiah	Scope and Method of teaching of Agricultural Economics.	Paper to Agricultural Economics Conference
Prof G. V. Krishnaswami	MATHEMATICS.	
	An estimate of the population of India The distribution of the population of India by age.	Presented to the Indian Science Congress.
Dr. V. Ganapathi Ayyar	On the space of Integral Functions I	Published in the Journal of the Indian Mathematics Society.
பேராசிரியர்	Tamil.	
அ. சிதம்பரநாதச் செட்டியார்.	இலக்கணத்தின் வரலாறு. தாய்மொழிவழியாகக் கல்வி.	தமிழ்த்தென்றல்
திரு. ஜி. சப்பிரமணிய பிள்ளை.	நற்றிணை கண்ணகி பாரிமகளிர். பொருளைப்பொழில் அப்பர். குமாருகுபரர். இராவணன் பாரதியார் இராமன்	தமிழ்த்தென்றல் செந்தமிழ்ச்செல்வி குழுதன் " தொண்டன் " தமிழ்த்தென்றல் " சுதர்சன்

Name of Research worker.	Subject.	Where published.
திரு. E.S. வரதராச ஐயர்.	கேர் எழுபது உழவு எழுபது	தமிழ்ப்பொழில் அண்ணாமலைப் பல்கலைக்கழக வெளியீடு
திரு. ஓளவை ச. துரைசாமி பிள்ளை.	கல்லாடனார் கருங்குழலாதனார்	செந்தமிழ்ச்செல்வி தமிழ்ப்பொழில்

46. Research Studentships :- The Syndicate, on the recommendation of the Boards of Studies concerned awarded during the year the following research studentships. They were assigned to the Heads of the Departments of study relating to the respective subjects of their research.

Name of research Student	Subject of Research	Director of Research
A. T. Natarajan	Morphology of Pollen Grains.	Dr. T. C. N. Singh, D. Sc., Professor of Botany.
Miss T. M. Sarada	Sanskrit.	Dr. C. S. Venkateswaran M. A., Ph. D.

Miss T. M. Sarada did not report herself for research work

The following Research Students working last year had their term extended by another year :

History	—	S. Tirugnanasambandam
Botany	—	V. R. Rajagopalan
Zoology	—	K. Rangarajan.

The question of revising the number and value of research studentships is being examined by the Syndicate and it has been referred to the Finance Committee for consideration and report.

X Publications.

47. (a) The following books were published during the year.

1. Tree worship & Ophiolatry by Mr. G. Subramania Pillai.
2. Physics of Music by Mr. R. K. Viswanathan.
3. Life of Johnson & Goldsmith (Text-book in English for Intermediate.)
4. Tholkappiyam Porulathikaram by Mr. E. S. Varadaraja Ayyar.
5. Saiva Siddhanta Lectures by Mr. G. Subramanya Pillai.
6. Vivarana by Mr. V. Subramania Sastri.
7. Music Vol. 5 (Part I Isai Iyal.) Second Edition.
8. Music Vol. 15.
9. Music Vol. 16.
10. Music Vol. 17

(b) The following books are in the Press:

TAMIL TEXT-BOOKS.

1. Practical Chemistry in Tamil.
2. Geometry in Tamil.
3. Trigonometry in Tamil.
4. Algebra in Tamil.

TAMIL RESEARCH.

5. Patthupattu.
6. Perumpanarrupadai.

7. Pattinappalai.
8. do Urainadaippahuthi.
9. Thondaiman Ilanthirayan.
10. Kosar.
11. Thithan.
12. Sekkilar Periapuranam.
13. Tirugnanasambanda Swamigal Padal.
14. Cholar Charithiram.
15. Gnanamirtham.
16. Gowdaleyam.

TIRUPPANANDAL ENDOWMENT PUBLICATIONS.

17. Thevara Tirumurai II Vol.
18. Sivagnana Bhodam.

GENERAL.

19. Manual of Science by Sri T. P. Navaneetha Krishnan.
20. Madura Vijayam by Sri S. Tiruvenkatachari.
21. History of the Hoysalas by Sri K. R. Venkatarama Ayyar (Special lectures)
22. Buddhism in Kerala by Dr. P. C. Alexander (D. Litt thesis.)

(c) The Syndicate has sanctioned the publication of the following books during the year:-

1. History of Samskrit Language in Tamil by Dr. P. S. Subramanya Sastri.
2. Development of Local Finance in the Madras Presidency (M. Litt. thesis) by Mr. V. M. Sundar Raj.

3. Mediaeval Kerala (M. Litt thesis) by Mr. P. K. S. Raja.
4. Second Edition of Naveena Tarkam. (Text Book in Tamil on Logic).

With a view to expediting the publication of Text-books in Tamil, the Syndicate decided that the printing work might be entrusted to more than one Press from among the tenderers for the printing of University publications.

48 University Journal and University Magazine. Prof. R. Ramanujachariar continued to be the Editor of the University Research Journal. One issue of the Journal was, as usual, published during the year.

Sri A. C. Subrahmanyam was appointed Editor of the University Magazine to succeed Mr. C. R. Myleru. A special number of the Magazine was published during the year and issued on the Founder's Day in September 48.

XI. Lectures

49. Lectures:- On the recommendation of the Boards of Studies, the following persons were invited to deliver before February 1949, a course of three lectures each, on special topics for the benefit of honours students and research workers.

Name of Lecturer	Subject
1. Diwan Bahadur C. S. Srinivasachariar.	Historical Records in South India
2. Dr. R. Vaidyanathaswami	Statistics of Crop Experiments
3. Sri S. Arumuga Mudaliar	Literature & its place in Language Study.
4. Dr. C. Achyuta Menon	Kathakali.

50. Special Lectures:- In March 1948, Dr. Stanley Rypins, Lecturer in English, Brooklyn University, New York, delivered a course of six special lectures on "Shakespeare and Modern Poetry"

The Rev. A. J. Boyd, Principal, Madras Christian College, delivered a course of three special lectures on 'Some Comic Characters in English Literature'.

Dr. Alexander Findlay, Past President of the Royal Institute of Chemistry of Great Britain, delivered in March 1948 a course of three special lectures on the following topics:—

1. From the Crookes Tube to the Atom Bomb.
2. Pioneers of Modern Physical Chemistry.
3. Natural resources and Chemical Industry.

Prof. Louis Renou, Director of the Institute of Indian studies in Paris delivered a course of three special lectures in December 1948 on the following subjects.

1. Influence of Indian Thought on French Literature.
2. Significance of Sanskrit studies in the West.
3. Indian Linguistics and General Linguistics.

51. Endowment Lectures:- In December 1948, Prof. R. Ramanujachariar, Head of the Philosophy Department delivered a course of four lectures on Saiva Siddhanta at the Benares and Allahabad Universities under the terms of the 'Arulnandi Sivacharya Swamigal

Sivagnana Siddhiar Memorial Lecturership Endowment.

The Syndicate has invited Maraimalai Adigal, Pallavaram to accept the lectureship under the terms of the above endowment, for the year 1948*.

XII. Miscellaneous

(ITEMS OF GENERAL & ACADEMIC IMPORTANCE)

52. Union and Societies:- The University Union and the Societies continued to work as usual during the year. The University deputed students to participate in inter-collegiate elocution contests organized by approved bodies elsewhere.

53. Congresses and Conferences:- The following members of the staff were appointed as delegates of the University to attend the Conferences noted below:-

- | | |
|---|---|
| 1. Annual Session of the Institute of Engineers, India, Madras (Feb 1948) | Dr. K. C. Chakko
Mr. S. Krishnaswami Rao |
| 2. The Quinquennial Conference of the Universities of British Commonwealth, Oxford - July 1948 | 1. Mr. M. Ruthnaswami,
Vice-Chancellor
2. Dr. B. Rajan, Cambridge.
3. Prof. M. S. Sundaram. |
| 3. Third Annual Session of the International Congress of Anthropological and Ethnical Sciences, Brussels-Aug 1948 | 1. Mr. M. Ruthnaswami
Vice-Chancellor
2. Dr. S. Chandrasekhar,
UNESCO, Paris.
3. Prof. M. S. Sundaram |
| 4. Oriental Conference Dharbhanga | Dr. C. S. Venkateswaran. |
| 5. Inter-University quinquennial Conference and Annual Meeting at Madras (December 1948) | The Vice-Chancellor
Prof. G. V. Krishnaswami Aiyangar
Dr. A. C. Chettiar. |

* He has since declined the invitation, and Mr. M. Balasubrahmanya Mudaliyar B. A., B. L., has been offered the lectureship.

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|--|---|
| 6. The Indian History Congress | Prof. R. Satyanatha Ayyar
Diwan Bahadur C. S. Srinivasachariar |
| 7. Political Science Conference | Prof. R. Satyanatha Ayyar. |
| 8. The Indian Historical Records Commission, Delhi. | Prof. R. Satyanatha Ayyar |
| 9. The Indian Science Congress, Allahabad, | Prof. G. V. Krishnaswami Aiyangar
Dr. K. C. Chakko
Dr. M. U. Pai. |
| 10. The Conference of Indian Institute of Chemical Engineers, Allahabad. | Dr. M. U. Pai. |
| 11. The All India Agricultural Economics Conference. | Mr. A. Subbiah. |

Professor R. Satyanatha Ayyar could not however attend the sessions of the Conferences noted under items 6, 7 & 8 above.

54. Nominations to outside Academic Bodies:-

Sri V. Subramanya Sastri was nominated by the Syndicate to represent the University on the Sanskrit Entrance Examination Board reconstituted by Government for a period of three years from the 9th January 1949.

Dr. A. Chidambaranatha Chettiar and Dr. C. S. Venkateswaran were nominated as representatives of the University on the Committees constituted by Government for the selection of Poet Laureates in Tamil and in Sanskrit.

Dr. B. Rajan, Fellow, Trinity College, Cambridge was nominated to represent the University on the Universities Bureau of the British Commonwealth for the year 1947-48.

55. Medium of Instruction:- The Syndicate, in March 1948, appointed a special committee to consider the feasibility of introducing Tamil as the medium of instruction at the University as early as possible and in as many subjects as possible. As recommended by the Committee it was resolved that instruction be imparted

in Tamil for Samskrit under Part II and in Arts subjects under Part III of the Intermediate first year class from July 1948.

The Government of India, on the recommendation of the Central Advisory Board of Education, appointed a committee on the medium of instruction at the University stage, consisting of the Vice-Chancellors of all the Universities of the Indian Union. The Government expressed their general agreement with the following recommendations of the committee and requested the University to communicate its views on them and the action taken or proposed to be taken for their implementation.

(i) That English as the medium of instruction at the University Stage, be replaced by gradual stages during next five years;

(ii) That in its place the language of the State or Province or region be adopted as the medium of instruction and examination.

(iii) That provision be made for a compulsory test in the federal language during the first degree stage without prejudice to the result of the degree examination and facilities be provided for the teaching of the federal language to all students who wish to take it up as an optional subject.

(iv) That English-not as a literature but as a language - be continued as a compulsory subject in the higher courses during the transition period.

The Syndicate communicated the following views of the University on the subject:-

(1) That the University has already introduced Tamil as the medium of instruction in the Intermediate course of study in regard to Part III Arts subjects. The question of

introducing Tamil as the medium of instruction for Science subjects is engaging the attention of the authorities. The publication of suitable text-books is in progress.

(2) While the University is in favour of affording facilities to such of the students as desire to have instruction in the federal language, it is not in favour of introducing a compulsory test. Facilities will be offered for students who take up the federal language as an optional subject by appointing a qualified person to teach the federal language.

(3) English will be continued as a language wherever compulsory and will be retained as Literature in the optional courses of study.

56. The Universities Commission:— The Government of India, before making grants for development of University education, decided to undertake a financial and academic survey of the Universities. The Inter-University Board as well as the Central Advisory Board of Education adopted resolutions in favour of appointing a Commission on the lines of the Sadler Commission to report on university education in India and to suggest improvements and expansion that may be desirable to suit the present and future requirements of the country. The Government of India accordingly appointed a Commission composed of eminent educationists and it started work in December 1948. The Commission issued a comprehensive questionnaire on all aspects of higher education to elicit the views of Universities and other educational organizations in the country. The Vice-Chancellor in consultation with the Deans of Faculties, sent a memorandum embodying their views on the various topics dealt with in the questionnaire as desired by the Syndicate.

57. Technical Education:— The Government of India set up an All India Council to assist the Ministry of Education in the field of Technical Education in the country. The Council appointed visiting regional committees to investigate the problem of higher technical education in the country with a view to ensuring a co-ordinated development of facilities for technical education on an All-India basis to meet the requirements of various Government services and the demand for trained technical personnel needed for industry and commerce. One of these committees visited this University to inspect and report on the desirability of upgrading the Engineering department of the University with suitable grants for the purpose. An application has been made to the Government of India for financial aid in this direction. Their orders are awaited.

58. Scientific Man-Power Committee: The Government of India while planning a co-ordinated development of technical education in the country directed a survey of technical personnel required for the various activities of the State and Industry. A Committee known as the "Scientific Man-Power Committee", was set up to assess the requirements for different grades of scientific and technical manpower over a period of the next ten years. The Central Government deputed special officers to inspect and report on the possibility of development of the existing resources and plans for future expansion of the postgraduate Departments of Science and Technology at the Universities of the country. Mr. T. K. Chandramani, the Special Officer deputed for this purpose inspected the University and submitted his report to the Government. Later, the University was requested to submit schemes, if any, for the development of post-graduate study and research in the departments of Science and Technology. Schemes were drawn up in consultation with the Heads of Science and Technology Departments and submitted to Government requesting sanction for suitable financial grants for the purpose.

59. Recognition of Navalar Vidyasala, Chidambaram:—

An application was received from the Trustee, Sri Arumugha Navalar Saiva Prakasa Vidyasala, Chidambaram, for the recognition of the institution by the University as competent to impart instruction in courses of study leading to the award of Pulavar Title. A special committee was appointed to inspect and report on the conditions necessary for permission being granted to open Pulavar courses on the basis of the existing regulations, syllabuses etc. The committee sent an interim report and before the final report was received, the trustee of the Vidyasala withdrew his application intimating that it would be renewed in time for starting the courses in July 1949. The Syndicate decided not to grant the recognition applied for for the present.

60. Revision of grades and Salaries of Teachers and other Employees:—

The Syndicate in January 1948 appointed an *Ad Hoc* Committee to go into the question of improvement of the grades of salaries of teachers and payment of dearness allowance in view of the present resources of the University and to explore the possibility of increasing the resources available for this purpose. The committee submitted its report in March 1948 and the Syndicate considered *inter alia* the recommendations of the committee regarding classification and emoluments of Teachers of the University and payment of dearness allowance and passed the following resolutions:—

- (i) That Professors be on the grade
Rs. 250—15—400—20—500
(with a selection grade ...500—25—700
for four Professors).
- | | |
|-------------------------------|------------|
| Readers: | 200—10—300 |
| Lecturers: | |
| I Grade | 150—10—250 |
| II " | 100—10—150 |
| Language Teachers with Titles | 75—5—125 |
| Tutors and Demonstrators | 75—5—100 |

(ii) That Lecturers, Tutors and Demonstrators be fitted into the scales with increments according to past approved service in the University in accordance with the practice in Government.

(iii) That Language teachers with titles with 10 years satisfactory service in the University be fitted into the Lecturer II Grade.

(iv) That these grades be given effect to in the Faculties of Arts, Science and Oriental Studies with effect from 1-7-48.

(v) That Dearness Allowance be paid at existing Government rates on salaries due to be paid on 1-5-48.

(vi) That the number in each category be decided after considering the recommendations of the Committee of Deans to be constituted to go into the question immediately.

(vii) That the classification and designation of teachers be as indicated in Resolution No. (i) above.

Necessary laws giving effect to the above decisions of the Syndicate were passed by the authorities and the Teachers in the Faculties of Arts, Science and Oriental Studies were fitted into the new grades and their salaries refixed in the revised scales with effect from the 1st July, 1948 except in the case of Professors.

In respect of the Faculty of Engineering and Technology, the Syndicate, on the report of its special committee of the Deans of Faculties and its Finance Committee, recommended the following number, grades and scales of salaries for teachers and the proposals were approved by the Academic Council and sanctioned by the Senate in December, 1948. Necessary laws implementing the proposals will be placed for adoption by the authorities at their meetings to be held in March 1949.

<i>Grade.</i>	<i>No.</i>	<i>Scale of Salary.</i>
(i) Professor:		
Civil	2	Rs. 400-25-700
Electrical	1	E. B. 40-900
Mechanical	1	
Technology	1	
(ii) Asst. Professor:		
Civil	4	
Electrical	2	250-15-400
Mechanical	2	E. B. 20-500
Technology	1	
(iii) Lecturer:		
Civil	9	
Electrical	3	
Mechanical	5	180-10-300
Technology	6	
(iv) Draftsman:		
Civil	1	
Electrical	1	
Mechanical	1	80-5-150
(v) Workshop		
Superintendent	1	250-15-400

The Syndicate has also decided to meet the Hon'ble Minister for Education on deputation with a view to obtaining sanction of an extra grant for placing the Engineering and Technology departments on a self-supporting basis.

A special committee of the Syndicate is considering the question of reorganization of administrative and labour staff with a view to the revision of their grades of salaries and fixation of pay in the revised scales on the lines of government practice.

61. Number and grades of Teachers:- A special committee was constituted by the Syndicate to examine in detail the question of the number and grades of Teachers for each department of study in the University to be fixed on an approved and permanent basis with reference to the minimum teaching and research needs of each Department. Detailed particulars had been called for from the Heads of Departments of studies on the subject, for consideration by the special committee.

62. Endowments:- Rajah Sir M. A. Muthiah Chettiar, B. A., M. L. A. announced three endowments of the value of Rs. 1000/- each to be associated with the names of (i) His Highness the Maharaja of Bhavnagar, the Chancellor. (ii) The Maharani of Bhavnagar and (iii) The Hon'ble Chief Justice Mr P. V. Rajamannar, in commemoration of their visit to the University on the occasion of the Annual Convocation held in December '48.

Sir James Doak, Harvey Mills, Madura, endowed a sum of Rs 1500/- towards the award of a prize in the name of Lady Doak. The Endowments have been accepted by the Vice-Chancellor on behalf of the University. The terms of award of each of the endowments will be placed before the authorities in due course.

63. Prizes, Medals and Scholarships:- Awards of scholarships, Medals and Prizes on the results of University Examinations of the year 1948 were made as usual.

64. Tiruppanandal Endowments Prize Competitions:-

Competitions were conducted under the Tiruppanandal Endowments Scheme relating to the award of the following prizes. On the report of the judges appointed for the purpose, the following

persons were declared worthy of the prizes which were awarded at a special meeting of the Senate held on the 2nd December 1948.

K. Narayanan--Kavi Chakravarti Kambar Memorial Tamil Prize.

G. Ramachandran — Adi Kumaraguruparaswamigal Memorial Tamil Prize.

M. K. Punniakoti-Sekkilar Nayanar Memorial Tamil Prize.

65. Inter University Tennis Tournament:- As decided by the Inter - University Sports Board, the University agreed to conduct the Inter University Tennis Tournament for the Universities in the South Zone. A special grant of Rs. 500 has been sanctioned towards the expenses of the tournaments.

66. National Cadet Corps:- It was mentioned in the last year's report that the Government of India, in view of the proposed organization of the National Cadet Corps, decided to suspend the operation of the I. A. T. C. Scheme at the Indian Universities and to defer action on the application for the formation of a U. O. T. C. Unit for the University. The scheme of the National Cadet Corps organization was announced by the Government of India early in the year. An application was made to Government intimating that the University would be prepared to enter the proposed National Cadet Corps Organization and requesting sanction for the formation of a Unit at the University. The Government of Madras, Education Department in their order No. 2692 dated 28-10-48 intimated the formation of two Infantry Battalions and one Engineering Platoon with a strength of 1310 cadets (with head quarters at Madras and Tiruchirapalli) in the Senior Division of the National Cadet Corps and that further units would be raised in the next year after officers had been trained during the next summer vacation.

Accordingly a list of members of the teaching staff willing to undergo the Officer's training has been submitted to Government so that a preliminary selection Board might be set up for the purpose. It is hoped that an independent company of 150 cadets in the Senior Division of the National Cadet Corps with five officers will be allotted to this University next year after adequate number of officers had been trained to take charge of the Unit.

67. Adult Education:— The Chitrai School of Adult Education completed the fifth year of its work. The Session lasted for three weeks and instruction was on the same lines as last year. The course was attended by 35 students to whom certificates were issued on the results of an examination held at the end of the course.

68. Founder's Day:— The 19th Founder's Day was celebrated on the 30th September '48. The Hon'ble Mr. J. Sivashanmugham M. A., Speaker, Legislative Assembly delivered the Founder's Day Address.

XIII. Lands and Buildings

69. Buildings:— The following buildings were completed and occupied during the year :

1. Travancore Hostels for Engineering students with Dining Halls, Bath rooms etc.
2. Engineering & Technology Buildings-Stage II.
3. Construction of urinals-(2 blocks) in the Hostel.
4. Lecturers quarters-1 unit of two houses.

The construction of the following buildings is in progress.

1. Lecturers quarters (3 units of two houses each).

2. Slaughter House.

Tenders have been invited for the construction of the following buildings:—

1. Engineering and Technology Buildings III Stage.
2. Lecturers quarters (5 Units of 10 houses).
3. Clerks quarters (5 Units of 10 houses).
4. Labour Staff quarters (10 houses.)
5. Sanitary fittings for Guest house and Hostels.
6. Boiler House.
7. Extensions to Smithy shed in the workshop.

The plans and estimates for the construction of Hostels for men and women students are under preparation and a sum of Rs, two lakhs has been earmarked for this purpose.

70. Electrification:— Power was supplied to (1) the Electrical Engineering Laboratory Buildings, Kothangudi and (2) Workshop, to operate the lathes and other machinery newly installed and erected. The Technology Laboratory, the Travancore Hostels, the Post Office and four Pandits' Quarters were electrified during the year. Besides, minor installations of light and fan points in the lecture halls, laboratories, hostels etc. wherever necessary were carried out. Radio sets were installed in the Music College, Women Students' Hostel and Travancore Hostels.

XIV Accounts

71. The Accounts of the University for the year 1947-48 prepared under Section 26 of the Act and audited by the Examiner of Local Fund Accounts, Madras and the Audit Report on the Accounts of the year 1947-48 are printed in **Appendix C**.

72. The receipts under the General Fund Account during the year ending 31st March 1948 amounted to Rs. 12,02,700 and the expenditure to Rs. 12,00,834 leaving a closing balance of Rs. 28,852 against a closing balance of Rs. 26,986 in the previous year, when the corresponding receipts and charges were Rs. 12,84,930 and Rs. 12,83,230 respectively.

73. As in the previous year, grants were paid to the Inter-University Board, University Bureau of the British Commonwealth and other recognized bodies. The total amount of grants paid during the year amounted to Rs. 1884.

74. It was mentioned in the last year's report that the Government had been requested to consider the question of a non-recurring grant towards the expenditure incurred already on hostel buildings put up as an urgent measure for the Overseer students. The Government in their order No. 3130 Edn., dated 9-12-48 sanctioned a grant of Rs. 38000 for the purpose.

75. The Statutory block grant from Government towards the recurring items of expenditure in the University for 1948-49 of Rs. 5,02,000 was sanctioned in G. O. M. S. 752 dated 1-4-'48 and drawn in monthly instalments.

76. To meet the increasing recurring expenditure consequent on the revision of grades of salary of teachers and other employees of the University, payment of dearness allowances at Government rates and of the recent revision of scales of pay of teachers of engineering and technology departments on the lines of the salary scales of Government, applications for increased grants have been made and orders of Government are awaited.

77. The scales of tuition and examination fees were raised to bring them into line with those prevailing

in government and other collegiate institutions and universities in the province. The Finance Committee while considering the Budget for 1948-49 recommended that tuition fees should be increased further in view of the higher rates in mofussil colleges affiliated to the Madras University.

XV. University Library.

Mr. K. Nagaraja Rao, continued to be the Librarian during the period under report except for a period of 6 weeks when Mr. R. Ayyaswami Ayyar officiated for him.

1. *Library Hours*:— The working hours continued to be from 9—30 a. m. to 5—30 p. m. The Text-book library was kept open from 7 a. m. to 9—30 a. m. and from 12—30 to 2—30 p. m. and again from 7 p. m. to 8—20 p. m. The attendance in the night shift between 7 p. m. and 8—20 p. m. was very thin. The Library was closed for 4 days in the year, to mark the sad demise of Mahatma Gandhi and of the Founder Pro-Chancellor, Rajah Saheb of Chettinad.

2. *Attendance*:—The average attendance of readers was 196 as against 172 of the previous year.

3. *Finance*:— The annual grant for the year for books and periodicals was Rs. 25,000/- and Rs. 2,000/- for back volumes of periodicals and Rs. 2,000/- for binding.

4. *Books*:—The total number of books on 31-12-48 was 75,461; 2179 books were added by purchase and 193 by gifts and exchanges.

5. *Periodicals*:— 364 journals were subscribed for during the year under report.

6. *Back numbers*:— The back numbers of periodicals bought were:-

Chemical and Metallurgical Engineering. 52 vols.
Journal of the British Institute of Radio Engineering
..... 4 vols.

Quarterly journal of Microscopical science..... 1 vol.

Order has been placed for a set of the Transactions of the American Institute of Chemical Engineers-43 volumes - for the Department of Technology.

7. *Stock-taking*:— Out of a total of 74,000, 223 were found missing in the General Library, and 146 in the Departmental Libraries. Subsequently 3 were traced in the General Library, and 76 in the Departmental Libraries.

The Syndicate has directed that stricter steps should be taken to minimise the continued loss of books in future and that the Librarian should periodically call for the return of books lent, and report the cost of books not returned in time for recovery from the persons responsible. In respect of departmental libraries, the Heads of Departments have been requested to exercise greater vigilance in regard to the maintenance of registers and return of books in time, the teacher-in-charge of the departmental library being held responsible for the issue of books, for getting them back in time and ordinarily for the recovery of the cost of the missing books.

8. *Classification and cataloguing*:— 2630 books and periodicals were classified and 165 cross reference cards written.

9. *Issue and consultation*:— 31,799 books were issued during the year as against 34,739 of the previous year, and the total number consulted was 84,853 as against 83,710 in the previous year.

10. *Order of Popularity of Subjects*:— Literature continued to occupy the first place among the subjects studied, next came Engineering, the third place was taken

by Economics, fourth by History, fifth by Mathematics, sixth by Physics, seventh by Chemistry and eighth General.

11. *Deposit Borrowers*.— There were 38 Deposit Borrowers.

12. *Inter-lending and Inter-borrowing*:— 3 books were lent to the Madras University Library, and 5 books were borrowed from the Madras University Library, and 3 from the Connemara Public Library, Madras.

13. *Binding*:— 1351 books were bound at a cost of Rs. 2000.

14. *Gifts and Acknowledgment*:— The American Library Association presented 31 volumes of learned periodicals. The Library is indebted to the Governments of India and Madras for the supply free of cost of some of their publications and to the American Library Association for the gift of journals.

XVI. Departments of Studies

A statement showing the strength of staff and students in the several departments of study is printed in **Appendix B-1 and B-2**.

English

Staff:— There were a few changes to record. Mr. N. K. Sundaram, Senior Lecturer in English, resigned in July, when he was appointed Assistant Education Officer, High Commissioner's Office, U. K. Two new lecturers were appointed in July. Mr. G. Gopalakrishnan and Mr. T. R. Lakshminarasiah (the latter being an old boy.) The strength of the staff at the end of 1948 was twelve (nine teachers and three tutors).

Students' activities:— The English Association and The Club were pursuing their respective cultural and social interests. Mr. M. V. Sitaraman was adviser to The Association in the first half of the year, and Mr. G. Gopalakrishnan in the second half. Mr. S. Krishnan continued to be adviser to the Club.

Of the two essay prizes offered by the All India Cow Protection Trust, both were won by students of the department: Miss T. R. Haimavati of the V year Honours (English) and Madhavan, IV Class, Part III English.

Special Lectures:— Rev. Mr Boyd of the Madras Christian College delivered in February a course of three lectures on 'Some comic characters in English Literature.' In March, Dr. S. Rypins of Brooklyn College, New York, gave six lectures on 'Shakespeare and Modern Poetry.'

Mr. V. S. Seturaman, Lecturer in English, lectured on J. M. Synge in August. This was the third of a series of extension lectures on contemporary English literature which the department has in hand.

PHILOSOPHY

Staff:— There was no change in the staff.

Teaching and Tutorial Work:— From time to time psychological demonstrations were arranged to give an experimental bias to the study of Psychology. Tutorial work has been continued for the students of the B. A., classes.

Library:— The seminar library has been under the charge of Sri D. I. Jesudoss. Students made a good use of the Library.

Philosophy Association:— Members continued to evince a keen interest in the work of the Association and read papers on varied topics.

Research:— Sri D. I. Jesudoss was awarded the research Degree of M. Litt., for his thesis on "Schools of Saivism".

Special Lectures:— Under the Tiruppanandal Endowment, lectures on "Saiva Siddhanta" were delivered at

30

the University of Benares and at Allahabad by Professor. R. Ramanujachari in the third week of December, 1948.

Publications :- A revised edition of 'உளநூலும் கல்வி பயிற்றலும்' by Prof. R. Ramanujachariar in collaboration with Sri K. R. Appalachariar was published by Messrs. Orient Longmans.

History & Politics.

Staff:— Mr. A. Krishnaswami Pillai and Mr. P. K. Srivirarayan Raja, Lecturers in History, were promoted to the first grade

The Government of Madras appointed Prof. R. Sathianatha Ayyar to the Regional Records Committee for three years from 24-12-1948.

Research:— The studentship of S. Tirugnana-sambandam was extended for another year, Mr. C. Thangaiyan and Mr. D. Balasubrahmanyam, Lecturers in History were registered as candidates for the degree of Ph. D., their subjects being 'Sangam Polity' and 'Women in Tamil History and Literature' respectively. The Syndicate decided to publish Mr. P. K. Srivirarayan Raja's thesis on 'Mediaeval Kerala'. Professor R. Sathyanatha Ayyar contributed to Volume IV of the Bombay History of India, a Chapter on South Indian History from A. D. 750 to A. D. 1000, and to the Tamil Encyclopaedia an article on the Peshwas. He also wrote a paper on the *Manavadharmasastra* as a political guide.

Society :— The Departmental Society functioned as usual.

Economics.

Staff: During the year under report, Dr. Chandra-sekhar was granted leave of absence for one year from 7-7-'48 to enable him to accept the appointment of

Director of Demographic Research in UNESCO, Paris. Mr. V. G. Ramakrishna Ayyar was appointed in his place as Professor of Economics. Mr. V. Lakshmanaswami was appointed as Lecturer in Economics from 16th July, 1948.

Teaching:- The Department undertook additional teaching work in Industrial Economics & administration for the technology students of the final year. Mr. A. Ramaswami, Lecturer in Economics has been doing that work for the year.

Extra curricular activities:- The Economics Association has been doing good work. Papers were read and discussed at its periodical meetings and Symposiums were conducted. The students went on an excursion to Ceylon in October 1948, and visited various places of historical and economic interest. A report on the excursion will be published shortly in the University Students Magazine. Under the direction of the Professor of Economics, the students of the final honours class undertook an inquiry into the working of Prohibition in its social and economic aspects in 3 villages of Vanur Firka of Tindivanam taluk.

Mathematics.

Staff: There was no change in the members of the Staff

Prof. G. V. Krishnaswami Ayyangar was on leave under medical advice for 4 weeks from 26-7-48. Dr V Ganapathy Ayyar did the duties of the Head of the Department during the period. Mr. C. Janakiraman was appointed temporarily as lecturer in the leave vacancy.

Messrs T. Govindarajan and M. Venkataraman were promoted to the I Grade lectureships, and Messrs V. S. Krishnamurti and T. K. Guruswami, V. Krishnamurti and R. Tiruvikraman were appointed to the II grade lectureships.

Research: Mr. M. Venkataraman submitted a thesis on Chain Theorems in Geometry for the Degree of Doctor of Philosophy of the Annamalai University.

Prof. G. V. Krishnaswami Ayyangar was invited to contribute to the Tamil Encyclopaedia articles on "Astronomy" and "The Theory of Errors."

The scheme of tutorial supervision and weekly tests was continued.

The Mathematics Association and the Mathematics Circle did useful work.

Arrangements were made to start a branch of the Indian Statistical Institute here.

Physics

Staff. Messrs. T. K. Venugopalan and D. Subramania Reddy having left, Messrs. M. S. Nagarajan and M. Balasubramanian were appointed as Demonstrators in July 1948. Mr. M. S. Nagarajan having left in November 1948, Mr M. S. Govindarajan was appointed to the place in December 1948.

Mr. P. Tirugnanasambandam was promoted as Lecturer Grade II and Messrs. S. Sriraman and K. Vijayaraghavan as Lecturers in Grade I.

Mr. R. K. Viswanathan was promoted as Reader.

Publications -- 'Physics of Music' by Mr. R. K. Viswanathan was published by the University during the year.

Society:- The Physics Society continued its usual activities with meetings conducted both in English and Tamil.

Chemistry

Staff. Professor M. L. Joshi, Professor of Chemical Engineering and Head of the department of Chemistry went on leave for a year from the 8th of July, 1948 to

join the Institute of Ceramics and Glass works, Calcutta. Mr. T. Saktivelu, M. A., Lecturer in Chemistry officiated as the Head of the department for one month from 18-7-48.

Dr. K. C. Gulati, was in charge of the department from 18-8-48 to 30-9-1948. Dr. V. D. Nageswara Sastri, was Professor for a short period in October - November.

Mr. V. Gopalakrishnan B. Sc. (Hons) and Mr. A. Ekambaram, B.Sc., former students of the University were appointed as lecturer and demonstrator respectively. Mr. R. Thiagarajan, B.Sc. demonstrator resigned his post to join the post-graduate course in Chemistry.

Research:-

Mr. Sp. Shanmughanathan, submitted his thesis for M.Sc. degree on "Mechanism of Mercuration"

Mr. V. Tiruvenkatachari submitted his thesis for M. Sc. degree on "Mercuration of compounds"

The following members of the staff were carrying on research work in connection with the subjects mentioned against their names:-

Mr T. Saktivelu and Mr. T. Rangarajan "Electrolytic Oxidation and Reduction".

Mr. S. Krishnamurti, Mr. T. Rangarajan and Mr. R. Varadachari "Isolation of the Alkaloids from locally prevalent plants and extraction of the principle in Vettivar."

Mr. V. V. Ramanujam "Production of Ammonium Sulphate from Gypsum".

Mr. Pl. Ramaswami continued his work on "Anhydrite as a desiccating material for preparing absolute alcohol"

Mr. J. Balasubramanian B. Sc. joined as a research student.

Chemical Society:- The Society continued its usual activities in English and in Tamil.

Botany

Staff:- Mr. T. R. Somasundaram was relieved of his duties as Assistant Lecturer in Botany on 13-3-48. Since then, Mr. K. Rangaswamy was appointed as Lecturer (Grade I) and was in-charge of the Department. Dr. T. C. N. Singh took charge of the Department from the forenoon of the 11th August 1948.

Teaching:- The Intermediate and B. Sc. laboratories have been rearranged to relieve congestion of space. The exhibits have been rearranged in a Museum Hall. The class lectures are fully illustrated by exhibits of plant specimens and their models. Direction and demonstration sheets were introduced for the practical classes. The departmental Library has been organised adjacent to the Museum.

Research:- Two laboratories with adequate facilities for research have been equipped one for use by junior and the other by the senior research scholars.

The following persons who registered themselves for higher research degrees were working in the department.

1. Mr.K. Rangaswami M.Sc.-for the Ph.D. degree
2. Mr.C. Srinivasan B. Sc.-for the M. Sc. degree
3. Mr.S. Venugopalan B Sc.- „ do
4. Mr.V.R. Rajagopalan B. Sc.- „ do
5. Mr.A.T. Natarajan B. Sc.- „ do
6. Mr. A. V. Ramakrishnan B. Sc.- „ do

Research Scheme (I C. A. R.) The scheme of research into the Cytogenetics of *Phaseolus* financed by the Indian Council of Agricultural Research in the year 1946 for a period of 3 years, was running

its 3rd and final year. A report embodying the results of the second year was submitted to the Council, requesting an extension of the scheme with a view to fixing the desirable genetical characters of the *Phaseolus* hybrids and to test the superiority of this yield over the local parents (i. e. black-gram and green gram).

The work of this scheme was being carried on by Mr. M. K. Ramamurthi, under the advice and guidance of Mr. K. Rangaswami, Lecturer in Botany and Officer-in-charge of the scheme.

Botanic Garden:— Efforts were made to reorganize the botanic garden, so as to comprise (a) a fairly well-equipped garden laboratory fitted for microscopic work (b) a fern-house with a collection of interesting plants including certain rare ones (c) areas set apart as forest vegetation and xerophytic vegetation (d) a number of families earmarked for the Intermediate and B. Sc. students represented by living trees and shrubs properly labelled and (e) a plot set apart for the I. C. A. R. *Phaseolus* scheme.

The soil of the garden was exceedingly poor. Therefore the plots were green-manured with sun-hemp and manure pits were started so as to season all the garden rubbish into compost for enriching the soil.

Social Activities:— The Botany Association continued to work as usual.

Several botanical excursions were organised by the association to Pichavaram, Viranum lake, Portonovo, Tirumayiladi, Ariyalur, Kodaikanal etc. for the study of vegetations.

The question of opening a local branch of the Indian Botanical Society in the Botany Department, was under consideration.

Zoology.

Teaching and Research:— The Department was shifted completely to the western block of the Hope Buildings. The laboratory, museum, and research room were being fitted up and the department would be able hereafter to carry on its teaching as well as research work without any handicap for want of space.

The students were taken out on four excursions to Portonovo to study the estuarine fauna. The Honours and the IV B. Sc. students were taken on a zoological tour to the Krusadai, Pamban and other islands.

Interesting additions were made to the Zoology Museum. A special section showing the Fauna of the Vellar estuary was being arranged.

It is gratifying to note that out of the nine candidates selected for Central marine fisheries training five are Annamalai University Zoology Graduates.

Research:— Mr. K. Rangarajan has made successful studies of the effect of environmental variations on the development of *Aplocheilus*. The results will be published shortly.

The following papers were worked out during the year under review:—

1. The Structure and Development of the Brood - pouch in the *Melanidue* - by K. Ramamurthy — Indian Science Congress — 1949.
2. A remarkable abnormality in the development of *Vivinarus dissimilis* Muller. — "Current Science".
3. The Development of the Shell - glands in *Pila virens* submitted to the Proceedings of Indian Academy of Sciences.

Tamil.

Staff: During the period 8th July 1948 to 22nd November 1948, when Dr. A. Chidambaranatha Chettiar, the Professor of Tamil officiated as the Vice-Chancellor of the University, Mr. K. Vellaivarayan of the Research section was temporarily serving in the teaching section of the department. In place of Mr. V. Sp. Manickam who left after about 5 years of service in this University, to take up an appointment elsewhere, Mr. B. Murugan, an old student of this University was appointed Lecturer. When he, too, left for taking up a post in the subordinate educational service of the Madras Government, Miss. L. R. John. was appointed Lecturer. Mr. D. Chinnathambi was appointed Tutor. Mr. R. P. Amirthalingam Pillai was on medical leave for six weeks and Mr. A. S. Doraiswamy Pillai of the Research section did his duties on the teaching side. Mr. L. P. K. Ramanathan Chettiar was also on leave for reasons of health for about 11 days.

Mr. K. Venkatachalam, Lecturer in Telugu having left the University, Mr. K. V. Subbaraghava Kavi was appointed in his place.

Students:- 11 students joined the Tamil Honours course.

Research:- In connection with the History of Tamil Literature being written by the members of the research section, the following works were completed by the persons noted against each:-

1. Mr. G. Subrahmaniya Pillai: History of the Tamil Sangam. Life History of Nakkirar.
2. Mr. E. S. Varadaraja Ayyar: Buddhism and Tamil. Jainism and Tamil.

3. Mr. T. V. Sadasiva

Pandarathar:

The history of the works comprised in the 18 minor classics that fall within the dark period in the History of Tamil literature.

4. Mr. A. S. Doraiswami Pillai: The historical background of the Saivaite literature during the 7th and 8th centuries.

5. Mr. P. S. Ramanujachariar: Translation of Kautilya's Artha Sastra from chapters 115 to 134.

The following persons after working under the direction of the Professor of Tamil submitted theses on the following subjects and were awarded the Degree of Master of Letters by the University:-

1. Sri S. Arunachalam, B. A. Hons. Tamil literature of the Nineteenth century.
2. Sri V. Sadasivam, B. A., History of the Tamil poetry of the Nineteenth century

General: Tutorial work for the students of the Tamil Honours classes was arranged for. Several papers were read at the Tamil Honours Club and the Pulavar Manram. The Tamil Literary Society and the Tamil Debating Society carried on their literary and debating activities.

Sanskrit

Teaching and research:- Sri V. Subrahmanya Sastri's original commentary called 'Vivarana' on a section of the Vyutpatti vada was published during the year. Sri M. Natarjan continued to work on 'Verb-morphology in Vedic literature', the subject of his thesis for the Ph. D degree. Dr. C. S. Venkateswaran represented the University at the All-India Oriental Conference held at Darbhanga in October 1948. The Samskrit Parisad at Ayodhya honoured him with the title of Vidyavinoda during the year.

Under the auspices of the Samskrit Language and Literature Society the Vyasa, Valmiki and Kalidasa Days were celebrated. Professor Louis Renou (Paris), Dr. C. Kunhan Raja (Madras) and Professor V. A. Ramaswami Sastri (Trivandrum) were among the distinguished Samskritists who addressed the Society.

Music

There was no change in the staff of the department. The number of students studying in the course was about 100. Instruction in classes was carried on as usual. Each class was placed under the individual care of a lecturer to watch and report on the progress of each student in the class to ensure more attention to studies on the part of the students.

A party of women students was sent to Madras to give a performance in the Tamil Isai Sangam. The Muthuthandavar Day was celebrated as usual.

Engineering

General

(i) The general shortage of staff and the sudden demise of Prof. K. S. Sitarama Ayyar were keenly felt by the final year students.

(ii) The shortage of staff particularly in the Electrical Engineering Section and want of adequate laboratory facilities made it necessary to postpone a few subjects in the examinations to September 1948.

(iii) The P. W. D., Railways and many quasi Government and private Agencies offered practical training facilities during the summer vacation. The majority of the 2nd and 3rd year Engineering students and the Overseer students were greatly benefited by them.

(iv) The Engineering Department depended to a large extent for its equipment on the vast resources of the War Surplus and had placed orders for a number of items. But due to various causes such as a complicated system of permits and priorities, the amount of material got from this source was negligible. Manufacturers had long waiting lists and direct orders requiring one to three years for execution. In spite of these difficulties the laboratories were being steadily equipped with local manufactured goods and others which could be procured from firms who advertised them.

(v) During the current year this lack of equipment has been met by sending the Final Year Students for intensive Laboratory training to the Travancore and the Guindy Engineering Colleges, the managements of which very readily placed their facilities at the disposal of our students.

(vi) In November 1948 56 students took part-A of the Examination for Associate Membership of the

Institute of Engineers and a number of students would take Part A or Part B in April 1949.

Library:- Great difficulty was experienced in securing the usual standard books in demand in Engineering Colleges. However from various sources, books were being steadily added, so that most subjects were reasonably covered.

Social:- The students took their share in all the social and athletic activities of the University.

Sectional Meetings:- As the main College Association for Engineering and Technology does not attract many students for ordinary meetings, its activities were mainly devoted to extra-ordinary meetings and education filmshows.

To create greater opportunity for students, Study Circles had been introduced in the different branches of Engineering where students of the same branch met and discussed technical subjects. This gave an opportunity for larger numbers to participate intelligently in the discussions.

Civil Engineering:-

Staff: Dr. K. C. Chakko continued as Head of the Department. Mr. K. S. Sitarama Ayyar's place was filled by Sri S. Nataraja Ayyar. Messrs. P. M. Narasimhamurti, M. R. Sethumadhava Rao and V. S. Sitaramiah left to take up other appointments.

Messrs. G. Alexander and K. C. Abraham were appointed Assistant Professors from the existing staff. Messrs. J. Krishnamurthy Rao and S. Narendranath were appointed Assistant Professors from outside.

Messrs. T. Gangadharan, K. R. Aswathnarayana Shetty and K. S. Karpakavinayagam were appointed Lecturers. Mr. N. Rajagopalan was appointed Lecturer in Geology.

Laboratories:-

Hydraulics:- Equipment was on order.

Strength of Materials:- Soil Mechanic equipment arrived and was being fitted up. Road materials equipment were on order.

Survey:- Inwar Tape, nautical sextant, and Tacheom, Plane table, etc. were added to the existing equipment.

Survey Camp:- Was held for 2nd and 3rd year students at Caper Quarry in Jan-Feb 1948.

Mechanical Engineering:-

Staff:- Prof. C. A. Subramanyam and his staff continued the work of this section.

Mr. S. Krishnaswami Rao left in September.

Mr. C. Rajaram was appointed as Assistant Professor from the existing staff.

Mr. G. R. Saghal, and Sri K. Ramanathan were appointed Lecturers.

Laboratory:- The heavy machines were decided to be transferred to the present S. M. Laboratory and the work of fitting up available equipment was nearly completed. The lighter equipment was planned to be located in the main Engineering buildings.

Several I. C. engines, automobile equipment boilers, steam engine etc. were being erected. Many more were on order. Most of the machines were made to order as they were not sold at competitive quotations.

Electrical Engineering

1. **Staff:** Dr. N. C. Saha continued as Professor and Mr. M. V. Rama Rao was appointed as Assistant Professor.

Messrs. L. Venkatasubbu, and M.K. Ramachandran left to improve their prospects. Two new Lecturers (Viz) Messrs. T. Balasundaram and K. P. Aravindaksha Menon joined duty.

2. The Laboratory was fairly well equipped for 2nd and 3rd year students.

3. An Industrial tour was arranged for E. 3 and E. 4 Electrical students.

4. Special classes were conducted during the Christmas vacation to cope with some arrear classes.

Workshop

Mr. M. Varada Rao left to take up the Principalship of a Technical school and Mr. K. S. Ramamurti was appointed Workshop Superintendent in his place.

The equipment was sufficiently good to cover all branches of work and the students were given regular training. Tools for each section were displayed on boards and exercises were analysed into stages and operations which were easily followed by the students. The Smithy Section was being enlarged and erection of foundry was on hand. A proposal for the formation of a recreation club for workshop staff was under consideration.

Technology.

Staff:— Professor M. L. Joshi was deputed to assist the Bureau of Scientific and Industrial Research in the Optical Glass Research Scheme at Central Ceramic and Glass Institute, Calcutta. Dr. K. C. Gulati was Professor and Head of the Department from August 9th to September 30th. From October 18th Dr. M. U. Pai was Professor and Head of the Department.

Teaching:— Lectures were conducted in the Southern wing of the new buildings at Kothangudi from July, 1948.

Equipments for the study of unit operations such as filtration, size reduction etc. were received and also a boiler.

Research: The following problems taken up last year were continued the slow progress being due to want of adequate facilities.

1. Dehydration of alcohol (manufacture of power alcohol using gypsum as the desiccating agent).
2. Effect of organic substances on viscosity of clay slips.
3. Production of ammonium sulphate from gypsum by a new process.
4. Hydrogenation of lignite.
5. Volatile oils.

Students: Practical classes for IV year students were conducted in the Chemical Engineering laboratories of the Department of Chemical Technology, Bombay University, Matunga, Bombay. They visited also many important factories at Bombay.

Third year students were taken to Madras on educational tour. They visited most of the important factories in Madras.

Seminar library: More text books were received. Current journals and periodicals on technological subjects were subscribed for. Back numbers of chemical and metallurgical engineering were received and back numbers of other periodicals ordered. The books were classified and a subject-wise catalogue was prepared.

XVII. Residence.

(i) Men Students' Hostel.

Chief Warden:-

Prof. C. A. Subramanyan (till 22nd July, 1948)
 Prof. R. Ramanujachari (till 4th November, 48)
 Mr. A. C. Subramanyam succeeded Prof.
 R. Ramanujachari on 5-11-48

Deputy Warden:-

Dr. K. Rangaswamy Ayyar (Resigned on 8th
 November 1948)
 Mr. S. M. Lakshmanan Chettiar.

Resident Tutors:-

The old system of resident tutors has been revived this year. Attendance is taken at 9-15 p. m. daily. There are 13 resident tutors.

The total strength of the Hostel was 1025 as against 1200 last year. There were 11 sections of which eight were vegetarian and two non-vegetarian. One section was run for the members of the staff.

The Representative Council met often and continued to give its valuable suggestions in the matter of the efficient running of the messes.

The five common reading rooms of the Hostel were well furnished. Provision for indoor games such as Chess was also made in the Hostel. Daily papers in all the languages and illustrated weeklies were supplied.

The inter-hostel tournaments were conducted and the Hostel Day was celebrated in March, 48, Mr. Stanley Rypins delivering the Hostel Day address. Portraits of Pandit Jawharlal Nehru, Prof. Ramanujachari and Dr. R. N. Poduval were unveiled by the Vice-Chancellor on that day.

This year in addition to the existing buildings the Travancore Hostel was built and occupied by the students of the Engineering & Technology classes. The Hostel was declared open by the Hon'ble Mr. B Gopal Reddy, Minister for Finance, Government of Madras on 29-8-48. Portraits of His Highness the Maharajah of Travancore and Her Highness the Maharani Sethu Parvathi Bai were unveiled by the Minister on that day in honour of their generous gift. Provision was made for out-door games for the members of this Hostel such as Volley ball, Badminton and Tennikoit. A new Radio set was purchased and installed in the Travancore Hostel.

The residents of the Hostel celebrated the Independence Day on the 15th of August. About one thousand poor people were fed on that day. Dhothis were distributed to the servants of the University and the Hostel and sarees to the women employees of the University.

(ii) Women Students Hostel

Warden:

Miss. A. Bhagirathy Amma M. A.

Health:

The general health of the members was satisfactory. The strength of the Hostel on 1st December, 48 was 95.

Mess:

The two student representatives took keen interest in conducting the section. A committee of students residing in the Hostel was constituted to look after the various requirements of the Hostel.

Prayer:

The students conducted the common prayer every evening at 7 p. m. before dinner.

Entertainment:—

Most of the students were interested in music. They contributed musical items for the Tamil Music Conference at Madras.

Sports:—

The members of the Hostel took keen interest in indoor and outdoor games. They formed teams in Badminton, Tennikoit, throw ball, net ball and base ball. They also showed great enthusiasm in playing chess, carroms and draughts.

A radio and a sewing machine were purchased in 1948.

XVIII. Physical Education

Staff: During the year Messrs D. S. Luther, and M. S. Mohan, were appointed Assistants to the Director of Physical Education in place of Messrs D. Dorairaj and C. Rajamanickam, whose services were terminated. The Director of physical education Mr. L. K. Govindarajulu was placed in the grade of Professor.

Games Advisory Committee: The Vice-Chancellor nominated the following to be members of the Committee for the year:—

1. Dr. K. C. Chakko
2. Prof. T. P. N. Krishna
3. Prof. R. Ramanujachari
4. Dr. N. C. Saha
5. Prof. C. A. Subramanian
6. Prof. R. V. Seshaiya
7. Miss A. Baghirathi Amma.
8. Mr. R. Ramamurthi

Compulsory Physical Training and related activities: Despite the extensions to the games fields made last year by the addition of a number of volleyball, tennikoit and badminton courts, the playgrounds continued to be overcrowded. The demand for swimming facilities was growing.

Coaching: The Director of Physical Education gave the coaching in cricket and tennis, and his assistants guided the teams in foot-ball, hockey and track and field athletics. The Director also gave special talks on coaching illustrated with lantern slides.

Health Instruction: The talks to Junior classes on Health and Hygiene were given as usual, and during the latter part of the year the Assistants shared in this work. Insistence was placed upon cleanliness and order on the playfields; and as usual, students were forbidden from smoking on the playfields.

Medical Examination: Greater attention was given during the year on postural correction and for this purpose, Asana classes were organised to stimulate interest in erect posture.

Conferences: The Director represented the University on the Inter-University Sports Board and attended the Nagpur Session of the Board during March. The Board allocated the responsibility of conducting the Inter-University Tennis Tournament at Annamalainagar in January 1949. The Department sent special exhibits on Health Education and Posture to the Congress Exhibition at Madras in December.

Intra-mural Tournaments and Sports Activities:— The Tournaments were conducted as usual with the active cooperation of the Games Advisory Committee, the Captains and Vice-Captains and a large number of the teaching staff of the University. Sixteen intramural tournaments were held in which 25 teams took part. The Engineering classes won the Group Championship. The Annual Sports were held on the 20th

and 21st. February, the Vice-Chancellor presiding, and D. Somasundaram, a student of the first year class; won the Individual Championship.

External Matches and Tournaments: The External Tournament for the Chettinad Cricket Cup was held during the year, and the trophy was won by the Presidency College, the finalists being the Loyola College. The cricket team went on tour to Trichinopoly and played the Trichy United Club for two days. It played four matches on the home grounds and one match at Cuddalore. The hockey and football teams toured Madras and played four matches each. The hockey team also played a match on the home grounds against the Trichy United Club; the football team played a match with the Sporting Union of Cuddalore; and the basketball team also played a match here against the St. Peter's of Tanjore.

In August, the teams in badminton, basketball, cricket, football, tennis and volleyball from the Government College, Kumbakonam, visited the University and played matches in which our teams won except in football in which we had a draw.

Early in the year, the hockey team played at Nagpur in the Inter University Hockey Tournament. In December, the cricket team toured Ceylon to play in the Inter-University Tournament and a few club fixtures. The cricket team was entertained by a number of prominent citizens of Ceylon.

XIX. Health & Sanitation.

Health: The general health of the students and other residents of Annamalaiagar was satisfactory. The daily dispensing was mostly for minor ailments such as disorders of the digestive organs, Influenza middleear diseases, tonsillitis, eyetroubles, wounds and bruises and the daily attendance was on the average 200. There were also a few cases of Pneumonia, fractures, and dislocations.

Sanitation: Anti-mosquito measures were adopted and they proved effective in mitigating the mosquito nuisance. The sanitary condition of the University premises was generally satisfactory.

XX. Discipline.

The students of the Engineering and Technology departments kept away from their classes from 10-11-48 after presenting a memorandum of their "grievances" to the Vice-Chancellor. They resumed their work on 24-11-48.

XXI. Rover Crew

The activities of the First Annamalai University Rover Crew were inaugurated by Mr. V. Thiruvengkatachari the Rover Scout Leader. The Crew consists of forty-six Rovers. In the first term there was a three-day camp to Chidambaranathanpettai where regular classes were held in Scouting, crafts, signalling etc. In the second term the Rover Scouts were taken for a three day camp to Nannilam where they were trained by Mr. Nesiah, District Scouts Commissioner, Mr. Srinivasan, District Rover Scout Leader, Tanjore and Mr. K. S. Sundaresan, Asst. District Scout Commissioner. Tanjore. Pandit Nehru's birth day was celebrated at Nannilam when Messrs. Sundaresan, Vaithyalinga Mudaliar and V. Thiruvengkatachari spoke.

A Flag hoisting Ceremony was conducted under the presidentship of the Vice-Chancellor on 1-12-48.

A Guard of Honour was presented to the Chancellor on the Convocation day.

APPENDIX A

Candidates registered for Research Degrees.

Department.	Name.	Subject.
Economics	Mr. M. Balasubramanian M. Litt.	Economics
Tamil	Mr. V. Ponnuthurai M. Litt.	The treatment of Nature in the hymns of Saint Tirugnana-sambandar.
Botany	Mr. A. T. Natarajan M. Sc.	Studies in the Morphology of Pollen-grains
	Mr. R. Gopalan M. Sc.	Botany
	Mr. A. V. Ramakrishnan M.Sc.	The value of leafform and venation in the identifica- tion of plants.
Chemistry	Mr. C. Srinivasan M. Sc.	Cytomorphological studies in Angiosperms
	Mr. V. Gopalakrishnan M. Sc.	Terpine Chemistry
	Mr. S. Narasimhan M. Sc.	do
	Mr. J. B. Subramanian M. Sc.	do
History	Mr. C. Thangayyan Ph. D.	Sangam Polity
	Mr. D. Balasubramanian Ph.D.	Women in Tamil History and Literature
Tamil	Mr. P. Minakshisundaram Ph. D.	The existence of Secular States and Institutions among the Tamils 1800 years ago

Candidates who submitted theses.

History	Mr. S. Arunachalam M. Litt.	His.ory of the Pearl fishing in Tamil Coast
Tamil	Rev. Fr. X. S. Thaninayagam M. Litt.	The interpretation of Nature in Ancient Tamil Poetry.
Chemistry	Mr. Sp. Shanmuganathan M. Sc.	Mechanism of mercuration.
	Mr. S. Tiruvengkatachari M. Sc.	Studies on the mercuration of aromatic compound.
Mathematics	Mr. M. Venkataraman Ph. D.	Chain Theorems in Geometry.

Candidates declared qualified for the Degrees.

Philosophy	Mr. D. I. Jesudoss M. Litt.	Schools of Saivism
Tamil	Mr. V. Sadasivam M Litt.	Tamil Poetry of the 19th Century.
	Mr. S. Arunachalam M. Litt.	Studies in Tamil Dramatic Literature of the 19th Century.

Appendix B-1.

Strength of Staff in the various departments.

Departments.	Prof.	Readers.	Lecturers.		Lec. with Titles.	Tutors or Demonstra- tors.
			I Gr.	II Gr.		
1. English	1	1	3	4	-	3
2. Philosophy	1	-	-	1	-	-
3. History	1	-	2	2	-	-
4. Economics	1	-	2	2	-	-
5. Mathematics	1	1	3	4	-	-
6. Physics	1	1	3	3	-	2
7. Chemistry	-	-	3	4	-	3
8. Botany	1	-	1	1	-	1
9. Zoology	1	-	1	1	-	1
10. Tamil	1	-	2	7	1	1
11. Samskrit	-	-	1	7	1	-
12. Malayalam,	}	}	}	}	}	}
Telugu, French						
Hindi-Urdu						
13. Music	1	-	-	3	7	-
14. Tamil research	-	-	2	-	3	-
15. Physical Education	1	-	-	3	-	-

Departments.	Prof.	Asst Prof.	Lecturers I Gr. II Gr.		Draftsman.
16. Engineering					
Civil	2	4	3	3	
Mechanical	1	1	2	2	
Electrical	1	1	3	1	
Workshop Supt.	-	1	-	-	
17. Technology	1	-	3	3	

APPENDIX B-2.

Strength of students in the various departments of study.

Name of the Dept.	Inter- mediate	B. A.	B. Sc.	B. A. Hons.	B. Sc. Hons.	Pulavar	Siromani	Sangitha Eushana	Engg.	Tech.
English.	525	116	119	50	25					
Philosophy.	63	34	—							
History.	142	60	—	20						
Economics.	142	112	—	92	—	—	—	—	—	12
Mathematics.	193	18	30	—	37	—	—	—	294	54
Physics	373	—	58	—	41	—	—	—	70	31
Chemistry.	373	—	47	—	26	—	—	—	70	—
Botany.	180	—	45	—	3					
Zoology.	180	—	51	—	16					
Tamil.	384	73	60	17	—	67	—	99		
Sanskrit.	77	15	35	2	—	—	13			
French.	44	4	4	—						
Malayalam.	9	19	15							
Telugu.	4	—	4							
Urdu	6	4	1							
Hindi.	1	—	1							
Music.								99		
Engineering.								366		
Technology.								54	89	

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Appendix C.

Annamalai University, Annamalainagar

Annual Accounts 1947-48.

I. GENERAL FUND RECEIPTS:

(a) Tuition Fees, Arts, Science, Oriental and Engineering.	Rs. 1,90,540	0	0
Tuition Fees-Oriental Adjustments	4,380	0	0
(b) Special Fees.			
Admission and Readmission Fees	882	0	0
Matriculation Fees	1,082	0	0
Athletic Fees	10,742	0	0
Societies Fees	1,836	0	0
Hand book and Miscellany Fees	3,540	0	0
Laboratory Fees	15,388	0	0
Medical inspection Fees	711	0	0
Library Fees	1,837	0	0
Registration Fees	5,217	0	0
Tennis Fees	2,592	5	0
Boat Club Fees	235	8	0
Sports Miscellaneous	482	10	0
(c) Fines for late payment of fees	367	4	0
Total. Rs.	2,39,832	11	0

II. EXAMINATION FEES:

Arts, Science, Engineering, Technology etc.	53,016	0	0
Oriental Studies	1,877	0	0
Oriental Entrance Test	222	0	0
Penalty Fee for late payment	106	0	0
Total Rs.	55,221	0	0

III. MISCELLANEOUS FEES:

Migration Certificate Fees	499	10	0
Fee for Marks and extracts	2,181	12	0
Penalty Fee for Transfer certificate etc.	665	13	0
Exemption Fees	482	0	0
In Absentia Fees	1,030	0	0
Membership Fees	1,834	0	0
Fees for change of name	30	0	0
Total Rs.	6,723	3	0

IV. MISCELLANEOUS RECEIPTS:

Sale Proceeds	12,879	9	9
Disciplinary Fines	62	0	0
Library Fines	336	1	0
Laboratory breakages	4,028	13	10
Sale of University publications	1,888	4	0
Sale of Library Tickets	3	7	0
Arrears of Fees	336	8	0
Provident Fund Contribution			
Refunds	3,859	0	9
Government Contribution-Fees foregone	6,367	0	0
Lapsed deposits-Miscellaneous	483	12	6
Contribution by Cochin Government	3,200	0	0
District Board,			
South Arcot	250	0	0
Miscellaneous, cancelled cheques	132	7	0
Total Rs.	33,826	15	10

V. RENT AND OTHER RECEIPTS:

Staff Quarters - Rent	20,543	15	0
Scavenging fee	1,161	6	0
Furniture Hire	32	0	0

Miscellaneous rent	2,388	13	10
Hostel Residence - Men Students	21,304	0	0
Women Students	1,323	0	0
	46,753	2	10

VI Interest receipts:

Current account	55	7	0
Permanent Endowment Fund	2,42,622	15	0
Short Term Investments	2,085	15	0
Total Rs.	2,44,764	5	0

VII Government Grants:

Statutory Grant	5,02,000	0	0
Overseer Classes	40,000	0	0
Total Rs.	5,42,000	0	0

VIII Electricity Receipts - Staff

Quarters	5,042	10	0
Departmental adjustments	5,961	12	0
Meter Rent	927	1	0
Men Students' Hostel	8,519	2	0
Women Students' Hostel	1,331	8	0
Total Rs.	21,782	1	0

IX Sanitation Expenditure contribution:

Men Students Hostel	4,941	0	0
Women Students Hostel	504	0	0
Total Rs.	5,445	0	0

X Advances of previous years recovery

	4,397	2	3
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XI Bus and Lorry Receipts

	Rs. 1,954	11	7
Total Rs.	12,02,700	4	6

GENERAL FUND CHARGES

1 Administration:

Salary - Vice-Chancellor	24,000	0	0
„ Registrar	3,128	10	0
„ Bursar	3,000	0	0
„ Office Staff	15,830	1	0
„ Labour Staff	5,207	2	0
Travelling Allowances - Officer etc.	4,345	7	0
Postage and Telegrams	2,496	12	9
Stationery	3,033	11	11
Petty Repairs	189	10	3
Printing and Binding	9,891	10	0
Books and Periodicals	238	10	6
Hot weather charges			
Livery	43	0	0
Advertisements	1,487	8	0
Railway freight and transit charges	113	10	0
Lighting and Sweeping	9	4	2
Remuneration	2,135	0	0
Founder's Day Expenses	740	8	9
Radio - Allowances	144	0	0
„ - Contingencies	121	0	6
Free Lighting	498	8	0
Chitrai School and Adult Education	817	3	0
Miscellaneous	2,495	1	8
Total Rs.	79,966	7	6

II Garden:

Salary	5,392	5	0
Electricity charges	222	0	0
Fodder	436	11	2
Contingencies	191	7	6
Fencing Materials	7	0	0
Total Rs.	6,249	7	8

III Travelling Allowances - Authorities	5,388	14	0
IV Special Lectures	1,373	0	0
V Examination Expenses	42,034	9	8

VI Scholarships - University	9,094	0	0
Military Concessions	4,571	6	0
Stipends - Tamil - Cash	4,258	13	0
„ „ Adjustments	1,650	0	0
„ Siromani - Cash	945	15	0
„ „ Adjustments	450	0	0
„ Music - Cash	4,282	11	0
„ „ Adjustments	2,280	0	0
Total Rs.	27,532	13	0

VII University Library:

Salary - Librarian	2,200	0	0
Establishment	6,616	0	0
Labour Staff	1,410	6	0
Electricity Charges	103	12	0
Contingencies	613	8	1
Books and Periodicals	30,344	4	4
Binding	204	12	0
Total Rs.	39,396	2	5

VIII Subscriptions

Societies	1,883	14	7
Electricity Charges	1,675	11	3
	51	2	0
Total Rs.	3,610	11	10

IX Physical Education:

Salary - Director of Physical Education	2,700	0	0
„ Assistants and clerks	2,493	4	0
„ Labour staff	3,290	7	0
Matches and tournaments	2,495	1	6
Rover crew expenses	301	0	0
Electric charges	80	8	0
Contingencies	239	8	0
Improvements to grounds	957	6	0
Sports materials	3,785	2	8
Games Coach	250	0	0
Boats	1,319	7	0
Canal Bund	611	3	0

Total Rs. 18,522 15 2

X Departments of studies:-

Arts - English staff	18,546	7	0
„ Philosophy staff	5,199	1	0
„ History and Politics	8,557	13	0
„ Economics	12,359	14	0
„ Labour staff	1,519	0	0
„ Electricity	65	2	0
„ Contingencies	132	10	3

Total Rs. 46,379 15 3

Science Mathematics Staff	16,130	9	0
Labour staff	444	0	0
Contingencies	32	0	0
Electricity charges	49	8	0

Total Rs. 16,656 1 0

Physics staff (salary)	16,770	6	0
Salary - Establishment	1,866	0	0
„ Labour staff	3,142	8	0
Equipment and contingencies	10,970	2	11
Electricity	205	14	0
Total Rs.	32,954	14	11

Chemistry - Staff	14,236	5	0
- Establishment	1,886	0	0
- Labour staff	2,667	14	0
- Equipment and contingencies	26,561	15	2
- Electricity	240	4	0
Total Rs.	45,592	6	2

Botany - Staff	6,197	0	0
- Establishment	505	8	0
- Labour staff	1,368	0	0
- Equipment and contingencies	1,896	11	11
- Electricity	100	0	0
Total Rs.	10,067	3	11

Zoology - Teaching staff	7,494	0	0
- Establishment	504	0	0
- Labour Staff	1,177	3	0
- Equipment and contingencies	2,075	15	7
- Electricity	48	12	0
Total Rs.	11,299	14	7

Oriental Studies:-

Tamil staff	16,496	0	0
Sanskrit staff	11,880	14	0
Telugu staff	1,132	0	0
Malayalam staff	1,132	0	0
Music staff	15,912	11	0
French staff	1,132	0	0
Urdu and Hindi staff	994	14	0
Labour staff	1,222	14	0
Contingencies	225	15	9
Electricity	77	0	0

Total Rs. 50,206 4 9

Engineering and Technology:-

Staff	66,777	10	0
Establishment	12,229	7	0
Labour staff	3,784	3	0
Equipment, contingencies etc.	13,261	3	3
Electricity	186	2	0

Total Rs. 96,238 9 3

Appliances Non-Science

Departments

4,097 15 6

XI Research Expenses:-

Studentships	718	0	0
Tamil Research Department	7,676	0	0
University Publications	8,841	5	0

Total Rs. 17,235 5 0

XII Lands and Buildings:-

Lands - Salary	564	5	0
- Improvements	563	13	9

Buildings - Salary Engineer	4,200	0	0
- Establishment	9,134	1	0
- Guest House Establishment	1,256	0	0
Annual Repairs (General)	10,866	4	2
Kist	2,082	0	0
Contingencies	634	2	10
Street lighting	781	12	0
Water supply	2,790	8	0
Guest House	284	2	0
Administration Buildings	330	12	0
Guest House Contingencies	306	3	0

Total Rs. 33,793 15 9

XIII Conferences 630 13 0

XIV Contribution to Provident Fund 22,504 7 7

XV Health and Sanitation:-

Medical Officer	3,141	14	0
Establishment	2,657	15	0
Scavenging Staff	5,263	3	0
Medicines and Equipment	4,209	10	2
Electricity	175	2	0
Instruments	11	7	6

Total Rs. 15,459 3 8

XVI Electricity Expenses:-

Salary - Engineer	2,350	0	0
- Establishment	4,470	13	0
- Contingencies	286	12	8
- Requisites	996	11	9
Replacement and Repairs	1,044	12	3
Purchase of current	5,206	14	3

Total Rs. 14,355 15 11

XVII Furniture

8,465 7 5

XVIII Bus & Lorry Expenses (Salary)	1,700	9	0
Petrol and Oils	2,325	9	0
Contingencies	2,606	9	9
Total Rs.	6,632	11	9

XIX Contribution to women students' Hostel	570	7	9
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XX Advances Pending adjustment (General)	22,493	14	3
„ „ I. C. A. R.	623	8	10
Total Rs.	23,117	7	1

XXI Transfers to constituted funds:			
i. Permanent Endowment Fund	55,000	0	0
ii. Building Fund	26,000	0	0
iii. Annual Repairs Fund	25,000	0	0
iv. Gratuity Fund	2,000	0	0
v. Electricity Depreciation Fund	12,500	0	0
vi. Reserve Fund (Surplus)	4,00,000	0	0
(Transferred to R.F. as per F.R.C. Report)			
Total Rs.	5,20,500	0	0

Grand Total Rs. 12,00,834 5 6

BUILDING FUND - RECEIPTS.

Interest from Investments	7,803	13	0
Government Grants - New Hostel	14,166	0	0
„ Hope Laboratory	60,285	0	0
Advances - Refunds	12,086	10	0
Store Account realisations	14,864	5	10
Contribution from the General Fund	26,000	0	0
Total Rs.	1,35,205	12	10

CHARGES.

New Buildings	57,224	4	0
Electrification	8,037	3	0
Store Account	1,04,830	5	7
Investment made 2,00,000	2,07,971	10	3
Total Rs.	3,78,063	6	10

PRIZE-ENDOWMENT FUND ACCOUNT.

Receipts - Interest from Investments	2,583	9	0
Endowment receipts	9,996	14	0
Miscellaneous	—		
Total Rs.	12,580	7	0

Charges - Prizes and Medals	997	10	6
Scholarships - Goschen Fund	264	0	0
- Subramaniam	60	0	0
- Stipends	—		
Investments made 13,000	13,257	9	0
Total Rs.	14,579	3	6

DEPOSITS ACCOUNT.

Receipts - Hostel Deposits	41,095	0	0
- Laboratory caution	17,240	0	0
- Miscellaneous	17,124	8	6
Total Rs.	75,459	8	6

Charges - Hostel Deposits	42,479	12	0
- Laboratory Caution	14,805	0	0
- Miscellaneous	17,293	5	9
- Investments made 53,500	54,917	13	0
Total Rs.	1,29,495	14	9

ENGINEERING AND TECHNOLOGY CAPITAL COST.

Receipts - Non-Recurring Grants	3,00,000	0	0
Interest from Investments	36,147	14	0
Miscellaneous	450	0	0

Total Rs. 3,36,597 14 0

Charges: Buildings and Equipment	2,45,250	14	9
Investments made 1,55,000	1,56,568	5	1

Total Rs. 4,01,819 3 10

Rajah Sahib's Endowments:

i. Reading Room			
Receipts - Interest from Investments	477	0	0

ii. Tamil Songs			
Receipts: Interest from Investments	507	0	0

Charges - Contingent expenses	157	12	3
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iii. Garden Improvement			
Receipts	—		
Charges	—		
Thevara Tirumurai Endowments			
Receipts - Interest from Investments	450	0	0
Sale proceeds - Lands	12,018	9	0

Total Rs. 12,468 9 0

Miscellaneous			
Charges - Kist payments	1,692	1	0
Publication account			
Prizes			
Contingencies	3	3	6

Total Rs. 1,695 4 6

Kasimutt Endowments:

Receipts - Endowment Receipts	—		
Interest from Investments	3,693	3	0
Miscellaneous			

Charges - Publications	150	0	0
Scholarships	—	—	—
Miscellaneous	—	—	—
Investments made 30,000	30,827	2	0

Total Rs. 30,977 2 0

Provident Fund Account

Receipts - Subscriptions	24,938	9	0
Contribution	22,504	7	7
Interest receipts	10,095	3	6
Investments realisation	1,52,700	0	0

Total Rs. 2,10,238 4 1

Charges - Subscription refund	52,699	10	4
- Contribution refund	32,914	5	11
- Investments made	1,32,400	0	0

Total Rs. 2,18,014 0 3

Constituted Funds

i. Permanent Endowment Fund:			
Receipts - Contribution from General Fund	55,000	0	0

Charges - Investments made	20,200	20,853	8 3
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ii. Annual Repairs Fund :

Receipts - Interest from

Investments	3,294	3	0
Contribution from General Fund	25,000	0	0
Investments realised	55,000	0	0

Total Rs. 83,294 3 0

Charges - Investments made 66,400 66,652 2 4

iii. Electricity Depreciation Fund :

Receipts-Interest from Investments	1,335	6	0
Contribution to General Fund	12,500	0	0
Investments realisations	30,000	30,000	0 0

Total Rs. 43,835 6 0

Charges-Investments Made 45,400 45,847 3 4

iv. Gratuity Fund

Receipts-Interest from Investments	193	8	0
Contribution to General Fund	2,000	0	0

Total Rs. 2,193 8 0

Charges-Gratuity Payments

Investments made 8,000 8,051 4 0

v. Reserve Fund

Receipts-Interest from Investment 49 8 0

Contribution from General
Fund-Surplus of General
Fund as per F. R. C.

4,00,000 0 0

Charges-Investments made 4,800

4,834 9 1

Men Students' Hostel

Receipts-Abstract

3,93,886 7 6

Charges-Abstract

3,83,398 9 8

Women Students' Hostel

Receipts-(abstract)

32,276 5 6

Charges-(abstract)

32,276 5 6

ABSTRACT OF ACCOUNTS (A) CASH.

Account Head.	Opening balance.	Receipts.	Total.	Charges.	Closing Balance.
I General Fund	26,986 4 0	12,62,700 4 6	12,29,686 8 6	12,00,834 5 6	28,882 3 0
II Building Fund	2,43,638 8 0	1,35,205 12 10	3,78,844 4 10	3,78,063 6 10	780 14 0
III Prizes Endowment	3,476 12 4	12,580 7 0	16,057 3 4	14,579 3 6	1,477 15 10
IV Deposits	81,550 10 5	75,459 8 6	1,57,010 2 11	1,29,495 14 9	27,514 4 2
V (a) Rajah Sahib's Endowment					
i. Reading Room	2,298 15 4	477 0 0	2,775 15 4	— — —	2,775 15 4
ii. Garden	860 15 3	— — —	860 15 3	— — —	860 15 3
iii. Tamil Songs	3,961 15 11	507 0 0	4,468 15 11	157 12 3	4,311 3 8
V (b) Kasi Mutt Endowments					
i. Thevara Thirumurai	7,971 1 8	12,468 9 0	20,439 10 8	1,695 4 6	18,744 6 2
ii. Other Endowments	44,307 8 10	3,693 3 0	48,000 11 10	30,977 2 0	17,023 9 10
VI Provident Fund	17,071 14 1	2,10,238 4 1	2,27,310 2 2	2,18,014 0 3	9,296 1 11
VII Constituent Funds					
i. Annual Repairs	11,326 15 7	83,294 3 0	94,621 2 7	66,652 2 4	27,969 0 3
ii. Electricity depreciation	14,792 14 2	43,835 6 0	58,628 4 2	45,847 3 4	12,781 0 10
iii. Gratuity Fund	8,113 3 2	2,193 8 0	10,306 11 2	8,051 4 0	2,255 7 2
iv. Reserve Fund	16,101 1 5	4,00,049 8 0	4,16,150 9 5	4,834 9 1	4,11,316 0 4
VIII Men Students' Hostel	13,661 6 2	3,93,886 7 6	4,07,547 13 8	3,83,398 9 8	24,149 4 0
IX Women Students' Hostel	— — —	32,276 5 6	32,276 5 6	32,276 5 6	— — —
Permanent Endowment Fund	21,000 0 0	55,000 0 0	76,000 0 0	20,853 8 3	55,146 7 9
Technology Capital	1,74,753 0 9	3,36,597 14 0	5,11,350 14 9	4,01,819 3 10	1,09,531 10 11
	6,91,873 3 1	30,00,463 4 11	36,92,336 8 0	29,37,549 15 7	7,54,786 8 5

(B) INVESTMENTS.

Account Head.	Opening balance.	Made.	Total.	Realisation.	Closing balance.
I General Fund					
II Building Fund	1,58,800 — —	2,00,000 — —	3,58,800 — —	— — —	3,58,800 — —
III Prizes Endowment	54,900 — —	13,000 — —	67,900 — —	— — —	67,900 — —
IV Deposits	58,000 — —	53,500 — —	1,11,500 — —	— — —	1,11,500 — —
V Rajah Sahib's Endowment:					
i. Reading Room	15,900 — —	— — —	15,900 — —	— — —	15,900 — —
ii. Garden	— — —	— — —	— — —	— — —	— — —
iii. Tamil Songs	16,900 — —	— — —	16,900 — —	— — —	16,900 — —
VI Kasi Mutt Endowments					
Thevaram Tirumurai	15,000 — —	— — —	15,000 — —	— — —	15,000 — —
Other Endowments	1,10,200 — —	30,000 — —	1,40,200 — —	— — —	1,40,200 — —
VII Provident Fund	2,79,525 7 1	1,32,400 — —	4,11,925 7 1	1,52,700 — —	2,59,225 7 1
VIII Constituted Funds					
i. Annual Repairs	1,59,300 — —	66,400 — —	2,25,700 — —	55,000 — —	1,70,700 — —
ii. Electricity Deprecian	69,700 — —	45,400 — —	1,15,100 — —	30,000 — —	85,100 — —
iii. Gratuity Fund	3,700 — —	8,000 — —	11,700 — —	— — —	11,700 — —
iv. Reserve Fund	— — —	4,800 — —	4,800 — —	— — —	4,800 — —
VIII Men Students' Hostel	— — —	— — —	— — —	— — —	— — —
IX Women Students' Hostel	— — —	— — —	— — —	— — —	— — —
Permanent Endowment Fund	69,79,800 — —	20,200 — —	70,00,000 — —	— — —	70,00,000 — —
Technology Capital	11,28,900 — —	1,55,000 — —	12,83,900 — —	— — —	12,83,900 — —
Total Rs.	90,50,625 7 1	7,28,700 — —	97,79,325 7 1	2,37,700 — —	95,41,625 7 1

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**Audit Report on the accounts of
Annamalai University, Annamalainagar,
South Arcot District, for the year 1947-48.**

Name of auditor: Sri V. RANGARATNAM, B.A.,
District Inspector of Local
Fund Accounts.

Time taken for audit: From 29-7-1948 to 16-9-1948.

1. The office of Vice-Chancellor of the University was held by M. Ruthnaswamy Esq., M.A. (Cantab) Bar-at-Law, C. I. E. The office of the Registrar was held by Sri G. D. Nandagopal M. A. during the year.

2. The opening balance in the cash book is in agreement with the closing balance of the previous year. The closing balance as per cash book is as shown below:-

Unremitted cash on hand	Rs. 1,862—5—8
Balance in the Treasury	Rs. 6 15 722—15—3
Balance in the Bank	Rs. 1,37,201—3—6
Total	<u>7,54,786—8—5</u>

In the absence of the statement showing the closing balance in the Treasury at the end of the year which was pending receipt from the Accountant-General Madras, the balance in the Treasury as shown above could not be certified to. The closing balance in the Bank is however in agreement with the balance appearing in the Bank pass book after allowing for outstanding cheques at the end of the year.

The statements of receipts and charges are appended.

Reply:- Statement showing the closing balance in the Treasury at the end of the year as certified by the Accountant-General Madras has since been received and it has been accepted as correct and report to the Accountant-General to this effect has been made on 5-1-49.

3. Objection statements.

Important irregularities are noted below. The irregularities noticed during the concurrent audit of account had been communicated in the monthly objection statements which should be treated as part of this audit report in addition to the annual objection statement for 1947-48.

4. Pending objections of previous years.

Para 7 of the Audit Report for 1945-46.

Vr. 1581/1-46 Rs. 171-5-0. The excess payment made over and above the agreed rates amounting to Rs. 4/- was still pending recovery, and no action was taken in the matter.

Reply:- Since recovered and verified in audit.

5. Para 9 of the Audit Report for 1945-46.

The land accounts for Fasli 1356 remained to be shown for audit. The exact position of the arrears would need to be ascertained and action taken for their realisation.

Reply:- Lands Accounts for Fasli 1356 have since been produced and audited.

6. Para 10 of the Audit Report for 1945-46 Discrepancy in paper account.

The discrepancy between the account of paper maintained in the office and the account rendered by the printer has not yet been reconciled. The cost of 2-17-19 reams of paper not accounted for by the Trichinopoly United printers would need to be recovered.

No account would appear to have been obtained from the Mukundan Press, Chidambaram for 288-15 reams of paper supplied.

Reply:- The discrepancy has since been reconciled and verified in Audit. Accounts for 218-15 reams have since been obtained from Mukundan Press and shown to audit.

7. Para 2 of the Audit Report for 1946-47 Reconciliation between the figures furnished by the Accountant-General and cash book.

According to the figure furnished by the Accountant General a sum of Rs. 971/13 due to the University was not taken into his account while a sum of Rs. 300/3 not due to the University was taken into account. Necessary adjustments would need to be made in correspondence with the Accountant-General and the figures finally settled.

Reply:- The matter is still under correspondence with the Accountant-General.

8. Para 5 of the Audit Report for 1946-47 Unqualified overseers-ratification by Government.

The sanction of Government remained to be obtained ratifying the irregularity in having appointed unqualified overseers and continued them till 1948.

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Reply: Government have been addressed and their orders awaited. — *Orders since issued*

9. Para 8 of the Audit Report for 1946—47. *authorities*

(i) Avoidable loss — Purchase of instrument boxes at different rates Rs. 225/-.

The reply of the Engineering and technological department to the further remarks is awaited. There were not sufficient reasons to ignore the cheaper supply of the Kohinoor stores, Benares and place the order with Binod and Company at higher rates.

(ii) Purchase of workshop tables and stools Loss of Rs. 200/-.

No reply has been furnished to this objection. The loss caused would need to be made good.

Reply: (i) This is a matter of opinion and can only be proved after long use. As large number of instruments were required when the college started, orders had to be distributed among different firms in order to get all our requirements in time. Moreover the Binod's Instruments were of Surveyor's quality, and were specially suitable to Overseer students.

(ii) The order was placed with Sundaresam Pillai, his being the lowest quotation from the contractors. The Civil Engineer was not able to supply the furniture in time as his hands were full. The furniture and other requirements of classes could not wait indefinitely.

10. Para 20 of the Audit Report for 1946—47 Coal account.

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The coal account is still incomplete. The account should show the total quantity of coal received with cost plus railway freight and other charges, the quantity issued to the contractor and the cost recovered therefor, and balance pending recovery from him, and the balance of stock at site. The account would need to be expedited.

Reply: The coal accounts have been produced and verified in audit.

11. Para 21 of the Audit Report for 1946—47 Land accounts for Fasli 1356.

The land accounts for Fasli 1356 remained to be shown for audit.

Reply: Please vide reply to para 5 above.

12. Para 24 of the Audit Report for 1946—47 Annual verification of stocks and stores.

The annual verification statements of the years 1945—46 and 1946—47 were not produced for audit. Information may also be furnished whether any difference or losses were noticed during verification and if so, what action was taken to fix the responsibility and make good the loss from the persons responsible.

Reply: A special officer will be appointed to draw up a full and consolidated Register of tools and plants books and furniture in charge of the University and allot them to different departments according to their needs. The Heads of departments will be made responsible for any loss or for the value of articles that have to be written off.

The verification report for 1945—46 was placed before the Syndicate on 20—9—46 and it has recorded the report. The report for 1946—47 for the Library

was placed before the Syndicate on 7-1-1949 and it has recorded it with certain remarks. The other part of the report for 1946-47 is pending scrutiny.

13. Para 26 of the Audit Report for 1946-47
Objection statements pending return with replies.

The objection statements for the months from November 1946 onwards were pending return with replies.

Objection statement for November and December 1946

	Issued on	10-4-47
"	January & February	10-6-47
"	March	1947 9-8-47

Reply: The objection statements detailed in para 13 have been returned with replies.

14. Inadmissible charges.

(a) The Vice Chancellor stayed at Ootacamund during summer in 1947, and his personal clerk and peon who accompanied him were paid travelling allowance and daily allowance for the journeys to and fro and halt there as detailed below.

Vr. 762/7-47 Travelling allowance bill of Sri A. K. Subramaniam personal clerk. Rs. 154/-

Vr. 753/7-47 Travelling allowance bill of Kailasam peon Rs. 127/10.

There was no authority for the payment of T. A. to the said staff during the stay of the Vice-Chancellor at Ootacamund as summer resort, and as such the expenditure on this account was unauthorised. The specific sanction of the Syndicate to the expenditure would need to be obtained.

(b) Voucher 2658/3-48. Travelling allowance bill of peon Kailasam who accompanied the Vice-Chancellor to Cuttack and New Delhi.

No travelling allowance was claimed by the Vice-Chancellor for these journeys-apparently on the ground that the journeys were not in the interest of the University or travelling allowance had been paid by the other authorities. But the peon who accompanied the Vice-Chancellor to these places has been paid travelling allowance as follows:-

Journey to Cuttack	Rs. 59/2
Journey to New Delhi	Rs. 93/2

The circumstances under which the Travelling Allowance of the peon came to be paid from the University funds when the Vice-Chancellor was not paid any Travelling Allowance would need to be stated and the specific sanction of the Syndicate would also need to be obtained to the expenditure.

Reply: (a) Sri A. K. Subramaniam and D. Kailasam (personal Clerk and Peon respectively to the Vice-Chancellor) were on duty with the Vice-Chancellor in Ootacamund the vacation residence of the Vice-Chancellor.

(b) D. Kailasam was on duty with the Vice-Chancellor while he was on tour.

15. Avoidable or wasteful expenditure.

It was noticed that an expenditure of Rs. 52/4 was incurred towards the travelling allowance, conveyance and other incidental charges of the Electrical Engineer to go to Madras for the purchase of 6 dozen Electric bulbs at a cost of Rs. 101-8-9.

Cost of 230 V. 60 watts }
 English made bulbs from } 2 dozens Rs. 40-14-9
 Patel Electric company. }

Cost of 30 and 25 watts }
 bulbs from Shanthi Elec- } 4 dozens Rs 60-10-0
 tric Company Villupuram }

101-8-9

The necessity to send the Electrical Engineer to Madras to make a purchase for Rs. 101-8-9 and incur an expenditure of Rs. 52/4 towards his travelling allowance especially when the articles could have been easily obtained by parcel direct was not satisfactorily explained. The expenditure of Rs. 52/4 was a wasteful or avoidable one and would need the specific sanction of the Syndicate.

A reference to the file showed that the G. E. C. Madras quoted the following rates.

60 watts — 11-12-0 per dozen

40 watts — 10-14-0 do

25 watts — 9-2-0 do

The purchase made from Patel and Company Madras, and Shanthi electric company, Villupuram was at far higher rates, notwithstanding the wasteful expenditure of Rs. 52/4.

Again, an advance of Rs. 400/- was paid to the Electrical Engineer on 12-1-1948 towards his expenses to go to Madras for the purchase of bulbs. An expenditure of Rs. 55/8 was incurred towards his Travelling Allowance and the balance of Rs. 344/8 was refunded. It was not explained why the bulbs should not have been obtained by Railway parcel and

why a journey to Madras was undertaken for this purpose. The expenditure of Rs. 55/8 was a wasteful and avoidable one and would need to be ratified by the specific sanction of the Syndicate. The financial interest of the University would not appear to have been kept in view while incurring such expenditure.

Reply: On 19-8-'47, the Electrical Engineer received a letter of request from the warden of the Hostel for the supply of bulbs for hostel use. On 4-9-'47 orders were placed with the G. E. Company for supply of bulbs after getting necessary sanction. The firm was not able to supply the bulbs immediately. The stock in the University had completely run out and as the students had to be issued bulbs without delay, the Electrical Engineer was sent to Madras for fetching the bulbs immediately. The G. E. C. had no stock of bulbs and hence the Electrical Engineer purchased 2 dozen 60 watts bulbs from Patel Electric Company though the price was higher

As it was not possible to get more than 2 dozen bulbs in the whole of Madras the Engineer had to return with the numbers he had purchased. At Villupuram he learnt that a local firm had stock of bulbs and he alighted there and purchased 4 dozen bulbs from the South Electric Company at Rs. 15/- per dozen. Though the rates at which the purchases were made were higher than the rates of the General Electric Company the purchase had to be made to meet the urgent needs in the University.

The Electrical Engineer took an advance of Rs. 400 on 12-1-'48 for purchase of bulbs from other firms if bulbs were not available with the General Electrical Company but he was able to get 1 gross and 1 dozen bulbs from General Electric Company and 1 gross of bulbs from The Associated Electrical Industries

without paying cash, since the Company had been paid in advance. As purchases made were sufficient the Electrical Engineer returned to Headquarters and remitted the balance amount of Rs. 344-8-0.

16. Purchase of second-hand machinery without invitation of tenders for the purchase of new machinery and other defects.

On the recommendation of the professor in charge of the Department, the purchase of one second hand boiler and steam engine at a cost of Rs. 12500/- and Rs 6500/- respectively from one D. K. Govindarajalu Commission Agent was sanctioned by the Vice-Chancellor on 14-12-1947. Information was not available as to whether any attempts were made to purchase new machinery by calling for tenders or quotations and whether resort was made to second hand machinery at such a high cost for convincing reasons. The expert technical opinion about the sound and workable condition of the machinery was not also obtained before making the purchase.

The reasonableness of the price paid was not also ascertained by making references to the dealers in the machinery of the cost of the new machine and how it favoured with the price paid for a second hand one.

In the absence of the above details the transaction cannot be said to be in the best financial interest of the University.

The machinery was at Suryanalle, a place in the Travancore state, and it was brought to Anamalainagar by Train and Lorry—the lorry charges alone amounted to Rs. 1992/9 at 0-12-0 per mile as claimed by the Commission Agent. When

the University owned a lorry, its services could have been utilised and such a heavy expenditure avoided.

Reply: In the first place quotations were definitely called for and the prices were so favourable that it was recommended for purchase.

QUOTATIONS.

1. 25 H. P. New Boiler Rs. 20,000 f.o.r. Bangalore only i. e. about Rs. 22,500 for Chidambaram.
2. 30 H. P. Lancashier Boiler 1919 make Rs. 64,500 ex. Cawnpore.
3. Non-condensing steam Engine compound 2 Cylinders. Rs. 40,000 ex. Cawnpore.
4. 26 H. P. Lancashire boiler 1925 with engine Rs. 30,000 ex. Cambay.
5. 25 H. P. Lancashire boiler 1902 & Engine. Rs. 22,000 ex. Saoner.
6. 16 H. P. Boiler only Rs. 12,000 ex. Villivakkam. without Engine 1918.

Actually purchased 1924 make	} Rs.12000—0—0 plus Rs.6500—0—0 Rs.18500—0—0 ex. Suryanalli.
36 N.H.P. Boiler with the Cylinders	
Engine with a new spare Chimney	
Cylinder liners and Piston etc., complete.	

Thus it will be seen that the price is only $\frac{1}{5}$ of item No. 2 which is still 5 years older and about $\frac{50}{100}$ of item No. 1 whose power is only $\frac{3}{4}$ of the power of boiler purchased. Re. Steam Engine same argument holds good. Boiler and Engine of 26 H. P. 1925 make costs Rs. 30,000 at Cambay whereas ours is a 36 H. P.

1924 make for Rs.18500. The spare parts themselves cost about Rs. 3000 (New chimney and Engine piston etc.)

The financial interests of the University have been amply safeguarded as shown above.

Regarding expert opinion for a Machinery worth Rs. 18500 there cannot be better authority than the Professor of Mechanical Engineering with the highest academical qualifications and 26 years service in India and abroad.

It was essential to arrange for lorries to bring the fragile machinery by bus and only to load in Goods train bulkier and less fragile articles. In spite of that one big fly wheel was broken by transit in Railway and the contractor demanded that he was not responsible for the loss of Rs. 150. The lorry charges were enquired from Ex. Servicemen's Transport Association at Vellore and Cuddalore maintained by the District Collectors of the places and their rates were standard and adhered to. Even then the Ex. Servicemen Association were not prepared to go to Suryanalle - a tortuous and dangerous hill route of 75 miles up and 75 miles down at an altitude of 8500 feet. Further there was no licence for them to go to all places. Hence the local Bus company who had licence to ply upto Coimbatore went and saw the Provincial Transport Commissioner and got licence to go to the spot. He also approached the Travancore Government and got the licence for transporting iron goods across the border of Travancore. The University lorry could not ply with the weight and at that altitude and a special driver would have been needed. If a breakdown occurred the lorry would have been stranded in the midst of a deserted hill whereas with six lorries, actually an

accident occurred and the other lorries were able to tow it down to Udumalpet.

Thus it will be seen that it was the only possible way to safely and quickly get the articles to Chidambaram and most of the articles to the College gate straight. The exorbitant rate of loading and unloading at Chidambaram station and conveying it to College would have cost about Rs. 800/- at the rate of Rs. 40/- a ton. Wharfage and demurrage would have cost still more. The amount of petrol consumed wear and tear etc., on the University lorry (even in a perfect condition) on a hill route of 100 miles and a plain route of 210 miles would not have been anything less than 0-12-0 per mile. As the standard Government rates have been paid and as the University did not want to incur a risk of loss of life or lorry, it was determined to engage outside Agencies to do the work.

Lastly to compare the rates of bringing the lorries by train from Avadi to Chidambaram and College the cost for 150 miles comes to Rs. 800 to Rs. 900 all costs put together. Hence also to have brought by lorries directly fragile goods was not only economical but a necessity.

17. Purchases made without inviting tenders or quotations and ignoring all rules connected therewith.

It was noticed that in a large number of cases of purchases made in the Engineering and technological Department and Physical Education Department, tenders or quotations were not called for and the orders were placed with the firms or purchases made direct at the option of the officers. The omission to invite tenders or quotations was not explained. A few instances are given below.

Engineering and Technological Department.

Vr. 1048/9-47 Rs. 1707/13 cost of insulation tester from G. E. C., Madras.

Vr. 1049/9-47 Rs. 9051/4 cost of 4 Theodolites from P. ORR and Sons, Madras.

Vr. 1142/9-47 Rs. 1240/14 cost of Spencer delineascope model V. A. Kt. 3746 from Adair Dutt & Company, Madras.

Vr. 1392/10-47 Rs. 6785/6 cost of 3 Theodolites from P. ORR & Sons, Madras.

Vr. 1412/10-47 Rs. 567/- Cost of Zenith Tabular resistance from Scientific Instrument Company, Madras.

Vr. 1895/12-47 Rs. 1710/- cost of one 4 H P. DC. Motor from Osler Electric Lamp manufacturing company.

Vr. 2122/1-48 Rs. 1239/9 cost of wild barfield electric. Muffle Furnace type M. 53 from Adair Dutt & Company, Madras.

Vr. 2124/1-48 Rs. 1131/5 cost of 1 vacuum pump Edwards type D. R. I from Scientific Instrument Company, Madras.

Vr. 2160/1-48 Rs. 2141/1 cost of 2 motors from Ashok Engineering Company, Bombay.

Physical Education Department.

The sports goods required for the University were purchased by the Director of Physical Education at his choice without inviting any tenders or quotations as required by the rules from the respective dealers and placing the orders with those whose rates were the

cheapest. Even the prior sanction of the Vice-Chancellor was not obtained for placing the orders with the respective firms.

Vr. 1303/10-47 Rs. 807/12 sports goods from Robertson & Company, Trichinopoly.

Vr. 2394/3-48 Rs. 1186 Sports goods from Pioneer Sports Company, Madras.

The circumstances under which the invitation of tenders or quotations was dispensed with and why the orders were placed without even obtaining the prior sanction of the Vice-Chancellor were not explained.

Reply: (1) For agency's sake and in the interest of the need for trained Engineers for the country, instruments available at hand had to be ordered. Moreover there are certain type of instrument for which only a particular company is famous for durability and strength. e.g. Messrs W & T Avery Ltd are famous for testing machines. Even at this rate of procurement it is not possible to get enough equipment.

(2) It is necessary to have a personal inspection of goods and place the orders particularly as the post-war supplies have not been satisfactory. In all cases sanction of the Vice-Chancellor has been obtained.

18. Vr. 956/8-47 Rs. 4090/8 cost of one Public Health portable are welder from Batliboi & Company, Madras.

A reference to the file showed that quotations were received from several firms, but without comparing the cost and satisfying whether the rate quoted by Batliboi and company was cheaper, orders were placed with them. No comparative statement was prepared to

see which company's rate was cheaper. The invitation of tenders or quotations when the required conditions and rules were not satisfied defeats the very purpose of the tender system.

Reply: It may be stated as a general rule, so far as machinery are concerned, the cheapness of quotation cannot be taken as guiding factor. All the following things go in the selection.

Performance, Adaptability usefulness, and simplicity of operation, bulk or space taken up by a machine, repute of the firm supplying the machine, time of availability and lastly the cost.

19. Records not made available.

In respect of the following purchases made the connected records containing the tenders or quotations called for, if any, and how the orders were placed with the firms and at what rates were not made available. In the absence of such records, it could not be satisfied whether the rules relating to the purchases of these costly articles were observed, and whether the cost paid compared favourably with the market rates in open competition.

Voucher 1965/12-47 Rs. 6416/13 cost of 10 H. P. Diesel Engine from Bharat Agencies Limited Trichy.

Vr 2410/3 48 Rs. 2298/15 cost of Transit Theodolite. 5" ottways in Box withstand from P. ORR & Sons.

Vr. 2411/3-48 Rs. 3498/4 cost of one watts b. 121 Highway level and one watts B. 4 standard verner Tachaconuter from Lawrence & Mayo, Madras.

Vr. 2412/3-48 Rs. 8929/10 cost of one Marshall cooper Horizontal 4 stroke cold starting crude

oil Engine from Marshall and Sons, India Limited.

Vr. 2484/3-48 Rs. 12500 cost of one 'Broom made' Type SVD i portable air compressor complete with Equipment from Volkart Brothers, Madras.

Reply: All records pertaining to the purchase of items mentioned under this note, are available and in every case competent sanction was obtained and then only orders placed to procure very early a few of the instruments which were available with certain firms and which were ordered and were on high seas. It was not possible to procure comparative tender statements as that would have meant advertising and waiting a long while only to hear that they have not got anything on stock. Thus in the case of a gas engine after three months after advertisement only one tender was received and it is not sure whether that will be available, when delayed order is sent after obtaining sanction. In 1947 Theodolite survey instruments diesel engines and air-compressors and other machinery were not at all available in the market and as such when any firm quoted that they have one such unit to sell, wire had to be sent to them to reserve such machines and seek immediate sanction and wire to the firm to despatch the machine after sanction was obtained. By personal contact with big firms like Avery & Co., Volkart and Co., and Marshall & Co. it was possible to know when any unit was available for sale and immediate arrangements were made to purchase them without competitive prices as such machines were absolutely scarce in India and only a few of them were being indented on import licenses which were not easily granted to firms then.

Under such circumstances the only course open to procure some machinery for demonstrating to classes was adopted and even this method did not procure 30% of total needs to equip all laboratories.

20. Agreement not obtained. Supply of Bricks.

The bricks required for the construction of several buildings of the University were obtained from one Sri A. Muthukrishna Naidu. But the cost at which the supply was agreed to would not appear to have been settled even though the supplies have been received and constructions also almost completed. No agreement was obtained from him the delay being due to the rate not being settled. It is not clear how the supplies were required to be made without settling the rates.

The contractor was supplied with coal by the University for burning bricks but no indemnity bond was obtained from him. There was also no account showing the quantity of coal received by the University and supplied to the contractor, the amount of cost due and recovered from him, and the balance of cost outstanding with him as also the balance of stock still available with the University.

Reply:- A tentative rate was fixed and he was paid accordingly. This rate is less than the market rate by Rs. 3/-.

The accounts were produced and audited.

No indemnity bond was taken for supply of coal as supply in advance was stopped.

21. Payment at rates higher than the agreed rates.

Tenders were invited for the transport of bricks from the East and west quadrangle to the west of the new hostel block and the lowest rate was that of one Ramaswami Naidu at Rs. 2/- per 1000. The work was however given to 2 persons Ramaswami Naidu at Rs. 2/- per 1000 and Ramanujulu Naidu at Rs. 4/- per 1000. The number of bricks transported by Ramanujulu Naidu was 79560 and the payment at Rs. 4/- instead of at Rs. 2/- the lowest rate has resulted in a loss of Rs. 159/7. The excess payment would need recovery.

It is not understood how different rates can be allowed for the same work at the same time one at a lower rate and the other at a higher rate.

Reply:- The extra-ordinary expenditure has been incurred under special and abnormal conditions on special sanction of the Vice-Chancellor.

22. Excess or inadmissible payments.

The work of carrying out repairs to the gas-holder was entrusted to Vijiam Brothers for a lump sum contract of Rs. 900/-. But an additional claim of Rs. 72/- was preferred representing the wages of the contractor's staff for the days they had to remain idle due to the delay in baling out water from the tank (1 maistry at Rs. 8/- per diem for 4 days and 1 fitter at Rs. 5/- per diem for 8 days). This claim was paid in Vr. 2415/3-48. In as much as the work was given on a lump sum contract of Rs. 900/- any further claim was not admissible and should not have been paid. The payment of Rs. 72/- was irregular and would need recovery.

Reply:- The Professor of Chemistry insisted that the big gas-holder should first be tested after repairs before proceeding with painting. Originally

this item did not find a place in the contract that was entered into by the University Engineer, with the firm. In order to do this the gas-holder had to be filled with water over again and pumped out. This took time for the Engineering Department. In the circumstances the extra-expenditure had to be borne and this had been met according to the Professor of Chemistry for a very useful purpose.

23. Loss due to bad work of the original contractor pending recovery.

Vr. 1571/11-47 Rs. 185/4.

The work 'construction of Professors' quarters was first entrusted to the contractor Periathambi. In respect of the item of work 'Madras Terrace roofing I Floor. Item 4' the work done by this contractor was found to be not satisfactory and the work was got executed by C. Pichandi and a payment of Rs. 185/4 was made in Voucher 1571/11-47. In as much as the second execution was due to the bad work and default of the first contractor the payment made to him is inadmissible and would need recovery. Rs. 164/11 (the rate allowed for both being the same). Vr. 410/6-47.

Reply:- The approval of the Vice-Chancellor for the payment and subsequent deductions has been obtained. There has been no over-payment. The absentee contractor will not be paid without effecting the deduction and the deduction will be pointed out early.

24. Cost of instruments transferred to cooperative stores not recovered and account not produced.

In 1946-47, the instruments required by the students of the Engineering and Technological courses

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were obtained by the University after obtaining a deposit of Rs. 60/- from each student, and supplied to the students the cost being adjusted from the deposit. In 1947-48, the balance of stock of instruments pending sale to the students was transferred to the University Cooperative stores for sale to the students. The deposits outstanding were refunded to the students. There was no list of instruments transferred to the Cooperative stores as also their cost and no amount would appear to have been recovered, so far. The amount due from the stores towards the cost of the instruments transferred was not worked and shown as advances recoverable.

Reply:- The matter is under investigation.

25. Delays in payment.

In the following cases inordinate delays over 2 years were noticed in the final settlement of the claims. The cause of delay was not explained nor was the sanction of the Syndicate obtained under Rule 56 of the Financial and account Rules.

(i) Giving Pipe connection to the hostel. This work was completed in 1945-46. Though it was measured in November 1945, the check measurement was made only in February 1947 after a delay of over 15 months and the final payment of Rs. 93/5 was made in Voucher 433/6-47.

(ii) Cost of one distilled water plant. As 3009 New Industrials Limited.

The supply was received in May 1944 but the payment was made in July 1947 in Vr. 644/7-47 Rs. 339/12 the inordinate delay of over 3 years in the settlement of this claim was not explained.

(iii) Reconstructing the Fern house in Botanical garden.

The work was completed in 1945 itself but the final payment was made only in October 1947. The delay of 2 years was not explained.

Reply:- (1) Sanction of the Syndicate for the payment has been obtained and shown to the Auditor.

(2) The distilled water plant was ordered for urgently on 1-2-44 and got in April 1944 but due to the non-availability of cocks which the company also tried to supply and fit up, the plant was lying idle till February 1947. A cock was purchased locally and the plant was fitted and brought into working condition. As the delay in fitting up the plant was mainly due to the Company, the bill lay unpaid till the plant was brought to a working condition.

(3) Such delay will be avoided in future.

26. Advances recoverable. Pending adjustment.

A sum of Rs. 46147-2-7 was outstanding on 31-3-1948. This included Rs. 21202-4-4 pertaining to 1946-47 and Rs. 2451/- pertaining to previous years. The advances pertaining to the previous years related to the cost of paper to the extent of Rs. 300/4 supplied to A. Nathamuni Naidu, Rs. 2000/- paid to Trichy United Printers Rs. 95/- to the union secretary and Rs. 31/4 to the Tamil society. It is not clear why these items should still be kept outstanding without obtaining accounts for the amounts paid as advance.

Similarly in 1946-47, advances were paid to Controller of Disposals and the cost of articles received was pending adjustment. The advances paid to

Crossword Press and Nathamuni Naidu for paper were pending adjustment. Early action would need to be taken to have all the pending advances adjusted without further postponement.

Reply:- The adjustment of advances will be made on receipt of bills of the printers. The matter of adjustments of advance made to the Controller of Disposals is under correspondence with the Director of Disposals.

27. Endowments accounts. Accounts of each endowment not separately kept.

The several endowments made by philanthropic gentlemen in the cause of the University education for the award of prizes and scholarships were treated as one account instead of keeping a separate account for each endowment. Consequently the financial position of each endowment could not be known. As each endowment is a separate one by itself and as the funds of one endowment cannot even be diverted to another, it is essential that the accounts of each endowment are kept distinct so that the income derived and the expenditure incurred from each may be known as also its financial position at any time.

If for purposes of facility, one investment is made comprising the funds of several endowments, the amount of each endowment included in the investment should be noted in the account of the respective endowments even though there may be only one common entry in the investment register. The interest derived should similarly be apportioned to the respective endowments and noted in the accounts of each.

Reply:- Noted and will be adopted in future.

28. Land accounts.

(a) Discrepancy in the area under cultivation.

According to the Demand Register, the total extent of land leased out for varam cultivation was 218 acres and 41½ cents while the harvest register showed only 195 acres and 14½ cents including a double cultivation of 10 acres. Information was not available whether the balance of land to the extent of 23 acres and 27 cents was actually cultivated and if so, what became of the melvaram. If not cultivated the circumstances under which the cultivation was not made would need to be explained.

(b) Sanction of Government - not obtained for cultivation.

In G. O. No. 1368 Revenue dated 26-6-1946 permission was granted to the University to cultivate an extent of 78-77 acres of land in Thiruvakkulam village for a period of 2 years from 1945. The permission expired with 1946. Though the lands continued to be under cultivation during 1947, the sanction of Government for the continuance of the cultivation from 1947 was not obtained.

(c) Sale of paddy Bills pending production.

The following quantities of paddy were sold.

Date of sale.	Quantity sold.	To whom sold.
	K. M. P.	
20 to 23-3-1948	1171 10 2	Central stores Chidambaram.
		Rs. 5426-4-0 received on 8-4-48.
		43-5-0 do. 27-5-48.

Date of sale.	Quantity sold.	To whom sold.
	K. M. P.	
4-4-48 and 5-4-48	233 4 0	Agricultural department Rs. 1081-8-0 received on 12-5-48
16 and 17-4-48 and 19-5-48.	581 2 0	University Co-operative Stores. Rs. 2726-7-9 received on 9-7-48.

The bills of sale in these cases were not available to see the rate at which the paddy was sold and whether the entire amount due had been realised.

It was also noticed that sale to the Central Stores, Chidambaram made on 20th to 23-3-48 was brought to account only on 17-6-48.

The bonus due from Government for the paddy sold was not yet received. The matter was stated to be under correspondence.

(d) Shortage in yield. It was estimated that the yield of black and green gram during the year would be k. 153-m. 11-p. 0 and k 188-m. 8-p. 0 respectively and the share due to the University on this estimate was 76-11-0 and Rs. 94-2-0. Against this estimate the actual quantity received was 22-9-2 plus 34-0-2. The large shortage would need investigation to see whether there was not any leakage and whether the low yield was not due to any negligence or abnormal conditions.

(e) Shortage during verification of stock: The stock of paddy on hand was verified on 20-7-47 and it was noticed that against a book balance of 144-2-½

only 74-4-0 was actually available in the stock. The shortage of 69-10- $\frac{1}{2}$ was not properly explained or accounted for. The cost would need recovery from the persons responsible.

(f) Registers not maintained: The following registers were not maintained.

Cultivation register.

Stock account of grain.

Rent on lands occupied (stated to be maintained but not shown)

Reply:- (a) The lands measuring 23 acres and 27 cents are on higher level and without proper irrigation facilities and therefore the cultivation was not feasible. Reclamation has since been effected and nearly 14 acres have been brought into cultivation in fasli 1358.

(b) Sanction of Government for the continuance of cultivation of lands of the extent of 78-77 acres for a period of 5 years from 1947 has since been obtained. (G. O. Ms. 129 Rev. Dept d. 20-1-49)

(c) Paddy was sold at the rate of Rs. 6-14-0 per maund for the first sort and Rs. 6-7-0 for the second sort.

The entire amount by the sale of paddy had been realised and duly credited into account as follows:- Central Co-operative Stores, South Arcot :- Rs. 5,426-4-0 on 8-4-48 and Rs. 43-5-0 on 21-5-48.

The objection evidently refers to the University Co-operative Stores from whom the amount was realised after the reopening of the College.

For the paddy sold a cash bonus of Rs. 157-14-0 and bonus in the shape of coupons for Rs. 15-14-0 were received.

The cash bonus was credited into the Treasury on 22-9-48. The coupons are pending encashment. The Taluk Supply Officer, Kumbakonam has been addressed in the matter.

(d) Shortage is due to low yield.

(e) Total quantity of paddy realised during fasli 1356 was 1920 kalams and the arrear outstanding of paddy collected was 100 kalams. 2020 kalams of paddy were stored in the granary. Dryage and wastage generally allowable is 3 $\frac{1}{2}$ kalams for every 100 kalams of paddy.

(f) The Registers are since maintained and produced for audit.

29. Tiruppandal endowment lands: The cultivation of these lands was done by the tenants of His Holiness Sri Pandarasanadhi as proper applicants were not forthcoming to take up the lease. The proceeds due to the University was however remitted but its correctness could not be checked in the absence of the harvest account for fasli 1357. The harvest account would need to be shown to check the correctness of the collections and whether there is any balance pending realisation.

The extent of the lands endowed to the University was:-

		Acres. Cents.	
No. 21 Sirugudi village	Wet	20	49
	Dry	0	22
23 Kilamandu village	Wet	93	54
	Dry	4	50

Against the total extent of 11 acres 03 cents wet lands the extent of the lands sublet as per muchilikas obtained showed that only 109.88 acres of wet lands were cultivated. Information was not available as to whether the balance of land to the extent of 4.15 acres was cultivated and if so, what became of the proceeds. If not cultivated the reasons for the same may be furnished.

Reply:- Harvest account has since been produced and verified. The difference of 4 acres and 15 cents between the total extent of wet lands and the extent of the lands leased out on Waram is due to the inclusion of temple, well and other porombokes.

Hostel accounts.

30. (a) Loss due to default of agreed contractors, pending recovery: (a) Tenders were invited for the supply of meals ghee in August 1947 and the lowest tender of Tropical Traders, Kumbakonam at Rs. 85-5-0 per tin was accepted. As the contractor failed to supply, ghee was purchased from the local dealers at the following increased rates.

Vr. 225/9-47	7 tins at Rs. 90/-	Excess 32-13-0
287/ do	1 tin at Rs. 94/-	do 5-11-0
		38-8-0

The loss of Rs. 38/8 was pending recovery from the defaulting contractor.

(b) The tender of S. Radhakrishna Pillai for the supply of plantain leaves plantains and cocoanuts for November 1947 was accepted at the following rates.

Plantain leaves	Rs. 2-8-0 per 250
Plantains	3-8-0 per 100
Cocoanuts	13-0-0 per 100

The contractor supplied for 10 days only and then defaulted. The articles were purchased from 11-11-47 from one Muhammad Sheriff at the following rates.

Plantain leaves	Rs. 2-12-0 per 250
Plantains	3-4-0 per 100
Cocoanuts	15-4-0 per 100

He supplied 3600 leaves, 7235 plantains and 2143 cocoanuts and was paid Rs. 958-15-2. The resultant excess payment consequent on the failure of the original contractor amounting to Rs. 66/2 was pending recovery.

It has to be mentioned in this connection that it is but necessary that adequate security deposit is taken from the intending tenderers so that any failure on the part of the accepted tenderer may result in the forfeiture of their deposit and also be a set off against any possible loss due to the default of the accepted tenderers as in the cases cited above.

Reply:- (a) Tenders were invited for the supply of ghee to the Hostel. Messrs. Tropical Traders, Kumbakonam quoted lowest rate which was accepted. They failed to respond to our communication and did not enter into any agreement with us. Therefore to keep the mess running ghee was urgently required and purchases were made from the next lowest tenderer.

Re: Auditor's suggestion about avoiding such contingencies in future by insisting on deposits from 'intending tenderers' the amount involved in such purchases is small. If deposit is insisted upon it is likely to deter tenderers.

At present as soon as the tenders are received and classified samples are taken from the lowest tenderer. If they are satisfactory the tenderer deposits a sum of Rs. 50/- and enters into a stamped agreement

No payment for bills is made before he executes the agreement deed. This system has worked satisfactorily till now.

(b) Rs. 316-2-0 Efforts are being made to recover the amount.

31. Canteen Deposit from students-Enhancement suggested.

It was noticed during the course of audit that the monthly bills of the hostel per student ranged between Rs. 40/- and Rs. 50/- against a caution deposit of Rs. 40/- only obtained. The bills of each month are given to the students by about the middle of the succeeding month by which time the dues would have mounted to twice the caution deposit. It was further noticed that no other early action could be taken against the students who failed to pay the dues within the prescribed date to remove them from the hostel with the result that the defaulters were allowed to continue in the hostel not to speak of the college and this had resulted in heavy arrears outstanding from 1942-43 without any chance of recovery. In order to guard against such losses it is suggested for consideration as to a caution deposit of whether two months charges viz. Rs. 100/- may not be obtained from each student and also the penalty of removal of such student from the hostel and from the college also, if necessary, if the nonpayment was persisted.

The arrears as on 31st March 1948 are given below:

Men's hostel	1942-32	Rs. 3162-2-0
	43-44	790-9-0
	44-45	1460-3-0
	45-46	1653-3-0
	46-47	1612-4-0

Women's hostel	42-43	23-4-0
	43-44	12-4-0
	44-45	39-4-0
	44-46	8-8-0
	46-47	93-12-0

Reply:- The suggestions made by the auditor regarding method of recovery of dues from the students are covered by the Hostel rules. These rules are now being strictly enforced and every effort is made to collect the arrears.

Efforts are being made to collect the arrears and a large amount has since been collected.

The suggestion regarding the increase of caution deposit is under consideration by the authorities.

Women Students' Hostel. Efforts are being taken to realise arrears.

32. Registers not maintained or not properly maintained.

(a) The following registers were not maintained.

(i) Register of Fruit bearing trees and other avenues.

(ii) Register of Miscellaneous sales.

(b) Miscellaneous Demand register.

This register contained entries pertaining to the sale of avenue produce only and did not include other items of revenue such as rent of staff quarters, stalls, bunks and other items. It is necessary that all items of revenue for which separate registers are not maintained are included in this register.

In the case of staff quarters the quarters in existence under each category should be numbered and each house entered serially to show the name of the occupant, his pay for purposes of recovery of rent and the rent due. The rent recovered should be posted in the respective column. Where the building happens to be vacant and no rent is recoverable, reasons should also be recorded. A D. C. B. would need to be worked out at the close of the year. Any new constructions should be added as soon as they are completed and ready for occupation.

Reply :- The registers are since being maintained and will be produced for audit.

33. Objection statements not returned with replies.

The monthly objection statements issued on the dates noted against each were pending return with replies. The object of concurrent audit is frustrated when action is not taken immediately on the objections for their settlement and when in consequence the same objection or category of objections is likely to be repeated. As the number of objections pending is very large, it is suggested that a clerk is specially posted for this work till they are completely settled. It has also to be mentioned in this connection that several of the objections are due to the non-production of papers and account when called for particularly from the Engineering and technological department and physical education department.

Month of objection statement.

Date of issue.

April to June 1947	28-10-1947
July to August 1947	11-12-1947
September to November 1947	25-3-1948
December 1947 to February 1948	29-5-1948
March 1948	30-7-1948

Reply :- Objection Statement for the months of April, May and June 1947 have been returned with replies.

The return of other objection statements is expedited.

34. Result of Audit.

The general result of audit may be considered fairly satisfactory.

35. Receipts and charges.

The receipts and charges of the year were Rs. 30,00,463-4-11 and Rs. 29,37,549-15-7 respectively.

36. Objection pending settlement.

503 items of objections involving Rs. 1,44,005-0-2 were pending settlement at the close of audit.

	120			
<i>Year</i>	<i>Items</i>	<i>Amount</i>		
		Rs.	A.	P.
1943-1944	1			
1944-1945	2			
1945-1946	16	1454	3	0
1946-1947	208	43730	4	6
1947-1948	276	98820	8	8
	<u>503</u>	<u>144005</u>	<u>0</u>	<u>2</u>

(Sd.) S. Rangaswamy Ayyar,
 Assistant Examiner of Local Fund Accounts,
 Southern Circle, Trichinopoly.

