

Government of Madras

HOME DEPARTMENT (EDUCATION).

G.O. No. 832, 20th June 1917

Report

Recording the — on the working of the Presidency College, Madras, during 1916-17.

INDEXED

ORIGINAL

Government of Madras

HOME DEPARTMENT (EDUCATION).

G.O. No. 832, 20th June 1917

Report

Recording the — on the working of the Presidency College, Madras, during 1916-17.

Read—the following paper :—

Letter—from the Hon'ble Mr. J. H. STONE, M.A., F.R.H.S., C.I.E., Director of Public Instruction.

To—the Secretary to Government, Home (Education) Department.

Dated—Madras, the 13th June 1917.

No.—R.C. 3056/17.

I have the honour to submit herewith for the information of Government a copy of my Proceedings R.C. No. 3056, dated 31st May 1917, reviewing the report on the working of the Presidency College, Madras, during the year 1916-17.

Read—the following paper :—

ENCLOSURE

Proceedings of the Director of Public Instruction, R.C. No. 3056/17, dated 31st May 1917.

Letter—from H. J. ALLEN, Esq., M.A., Bar-at-Law, Principal, Presidency College.

To—the Director of Public Instruction.

Dated—Madras, the 14th April 1917.

No.—R.C. 197.

I have the honour to submit my report on the working of the college during the year extending from 1st April 1916 to 31st March 1917.

2. *Changes in the staff.*—Mr. R. Littlehales, the permanent Professor of Mathematics, who was on other duty and thence proceeded on leave, resumed charge of his appointment on his return to India and relieved M.R.Ry. T. K. Venkatarama Ayyar on the forenoon of the 26th October 1916.

Mr. N. D. Daru, sub *pro tem.* Professor of Geology, on his reversion to his permanent appointment in the Geological Survey of India, Calcutta, handed over charge on the afternoon of the 17th July to M.R.Ry. H. Narayana Rao, Lecturer in Geology in the Provincial Educational Service, who was appointed to act as Professor in the same service.

M.R.Ry. A. Subrahmanya Ayyar, Professor of Mental and Moral Science, on account of ill-health, was granted combined privilege leave and furlough for six months with effect from 10th August 1916 and M.R.Ry. S. Radhakrishna Ayyar, Assistant Professor, who was appointed to act for him, took charge on the 4th September. Mr. Subrahmanya Ayyar died on the 26th October and Mr. Radhakrishnan was appointed sub. *pro tem.* in the Provincial Educational Service from the 27th idem.

M.R.Ry. S. E. Ranganathan, Junior Professor of English, appointed to be Principal and Senior Lecturer, Government College, Anantapur (temporary) was relieved on the afternoon of 6th July and M.R.Ry. D. Subrahmanya Sarma, Assistant Professor, who was appointed to act for him, took charge on the 10th idem.

M.R.Ry. N. Raghunathan, M.A., I.T., was confirmed in the Subordinate Educational Service, Collegiate Branch, and attached permanently to this college as Assistant Professor in Mathematics, *vice* M.R.Ry. T. K. Venkatarama Ayyar promoted to the Provincial Educational Service and transferred to the Inspectorate.

M.R.Ry. T. R. Panchapakesa Ayyar, Assistant Professor in Mathematics, who was on deputation to the Indian Finance Department of the Government of India having been confirmed there, M.R.Ry. S. Purushottam, M.A., L.T., who had held the post sub. *pro tem.* was appointed substantively to it with effect from 18th May 1916.

In a third vacancy of Assistant Professorship in this department M.R.Ry. C. N. Ganapati, who was acting sub. *pro tem.* since June 1914, was confirmed with effect from 4th September 1916.

M.R.Ry. T. Ekambaram, Assistant Professor in Botany, who had been temporarily transferred to the Teachers' College, Saidapet, returned to the college on the 1st July 1916.

In place of M.R.Ry. H. Narayana Rao, acting as Professor of Geology, M.R.Ry. L. A. Narayana Ayyar, B.A. (Honours), was appointed to act as Assistant Professor from 19th July 1916.

M.R.Ry. S. Radakrishnan, Assistant Professor in Philosophy, appointed to be Junior Lecturer (temporary), Government College, Anantapur, and relieved in the afternoon of 14th July, was succeeded by M.R.Ry. S. Rama Ayyar, M.A. L.T., who joined duty on the 24th idem.

M.R.Ry. V. Krishnaswami Rao, B.A. (Honours), L.T., appointed sub. *pro tem.* Assistant Professor in English, *vice* M.R.Ry. D. Subrahmanya Sarma, acting as Junior Professor, joined his appointment on the 17th July.

M.R.Ry. K. V. Subba Ayyar, Assistant Professor in English, on deputation to the Madras University, was promoted to the Provincial Educational Service and transferred to the Inspectorate and M.R.Ry. M. R. Rajagopala Ayyangar, his locum tenens, was posted permanently to this college.

M.R.Ry. G. P. Krishnamurti and M.R.Ry. V. Rangachari, Assistant Professor in Physics and History, respectively, hitherto acting in this college, were posted permanently, *vice* M.R.Ry. V. Appa Rao and N. Raghavachari attached to the Rajahmundry College.

In view of the further affiliation of the college in (1) Sanskrit and a related subject and (2) Persian and Arabic under Group VI of the B.A. Pass courses, Government in their Order No. 265, Educational, dated 13th March 1916, sanctioned the temporary employment, for a period of three years from 1st July 1916, of—

One Junior Professor on Rs. 200 per mensem,

One Assistant Professor in Sanskrit in the cadre of the Subordinate Educational Service, Collegiate Branch, and

One munshi on Rs. 60—3/2—75 per mensem.

The post of Junior Professor (Arabic, Persian, etc.) was filled by the appointment of Muhammad Naimur Rahman Sahib, first of first class M.A. in Arabic and B.A. Honours in Persian, etc., of the Punjab University. He entered on his duties on the 15th August 1916. For the post of Assistant Professor in Sanskrit M.R.Ry. C. Viswanatha Sastri, M.A., L.T., Headmaster, Model section of the Government Higher Elementary Training School for Masters, was appointed in the fifth class of the Subordinate Educational Service, Collegiate Branch. He joined duty on the 8th July 1916. The appointment of munshi still remains unfilled.

M.R.Ry. S. Subba Rao, Assistant Professor in Sanskrit, appointed sub. *pro tem.* Superintendent of Sanskrit Schools, Madras, was relieved on the forenoon of the 14th March 1917.

The continuance of the appointment of the Additional Assistant Professor in Sanskrit was sanctioned in G.O. Mis. No. 1405, Home (Education), dated 25th December 1916, for another year from 17th December 1916.

The employment of an additional Assistant Professor in the last grade of the collegiate branch of the Subordinate Educational Service for teaching Physics and Chemistry to the students of the Madras College for Women, sanctioned in G.O. Mis. No. 838, Educational, dated 8th August 1915, up to 31st March 1916, and extended in G.O. Mis. No. 297, Educational, dated 20th March 1916, up to 31st March 1917, has been further extended to 31st March 1918 in G.O. No. 350, Home Education, dated 13th March 1917.

The entertainment from year to year of a temporary demonstrator on Rs. 50 per mensem in the Zoology laboratory was sanctioned in G.O. No. 1080, dated 30th September 1915.

3. *Accommodation and equipment.*—The installation of a low pressure gas-holder and the extension of the gas producer house, referred to in the previous year's report, have been completed during the year.

As for the construction of a new chemistry block, revised plans and estimates amounting to Rs. 3,04,400, were submitted to you with my letter R.C. No. 847/13, dated 13th February 1917.

4. *Strength and attendance.*—The following statement gives the number of students on the rolls in the first and second terms of 1915-16 and 1916-17.

	1915-16.		1916-17.	
	First term.	Second term.	First term.	Second term.
First year class	78	73	98	95
Second " " " " " " " " " " " "	105	99	65	60
Third " " (Pass) " " " " " " " "	110	105	114	110
" " (Honours) " " " " " " " "	42	37	55	53
Fourth " " (Pass) " " " " " " " "	119	117	123	120
Fifth " " (Honours) " " " " " " " "	64	62	42	41
" " (") " " " " " " " "	74	71	75	74
Total ..	592	564	572	554

The number of students who left during the first and second terms was 9 each term. The average number on the rolls was 561.15 and the average daily attendance, 513.48.

It will be seen that the college tends to recover its strength. The drop in the first year and third year (Honours) noticed 12 months ago, now makes itself felt in the second year and fourth year (Honours), but otherwise we appear to be back on normal lines.

5. *Distribution of students.*—The distribution of students on the 31st March 1917 according to (1) caste or race, (2) wealth of parents and (3) occupation of parents, is given in appendix A and that, according to the districts to which they belong, in appendix B.

The number of lady students was 10 excluding 23 students from the Madras College for Women who attended this college for instruction in Group II of the Intermediate course.

6. *Statistics of language students other than English.*—The subjoined statement shows the number of students who took up the various second languages for composition and translation in the Intermediate classes:—

	First year class.	Second year class.
<i>Composition.</i>		
Tamil	36	33
Telugu	16	5
Canarese	4	—
Malayalam	6	2
Urdu	6	3
Total ..	68	43
<i>Translation.</i>		
Persian	1	—
Sanskrit	22	12
Latin	4	1
French	1	—
Total ..	28	17

The number of students who took the various combinations of subjects under Group III of the Intermediate course in which the college provides instruction is as given below :—

	First year class.	Second year class.
Ancient History, Modern History and Logic	26	20
" " and a Classical Language	7	1
" " and a Vernacular	...	2
" Logic and a Vernacular	...	1
" " and a Classical Language	...	1
Logic, a Classical Language and a Vernacular	3	2
Total	37	28

7. *Statistics of the groups and branches.*—The number of students in each of the Intermediate groups and B.A. (Pass and Honours) groups or branches is given in the following statement :—

	First year.		Second year.	
	First term.	Second term.	First term.	Second term.
Group I	35	35	22	21
" II	25	24	13	11
" III	58	57	30	28
Total	98	96	65	60

	III Pass.		III Honours.		IV Pass.		IV Honours.		V Honours.	
	First term.	Second term.	First term.	Second term.	First term.	Second term.	First term.	Second term.	First term.	Second term.
Mathematics	20	18	14	13	17	17	12	12	16	16
Physics	14	13	5	5	12	12	3	3	5	5
Chemistry	8	8	3	3	15	15	1	1	4	4
Botany	7	7	...	...	5	5	1	1	3	3
Zoology	5	5	...	...	1	1	4	3	6	6
Geology	3	3	2	2	3	3	...	...	3	2
Mental and Moral Science.	28	27	3	3	23	23	8	3	10	10
History	28	28	16	16	51	49	10	10	14	14
Arabic	1	1	...	...	...	...	6	...	...	...
English Language and Literature.	...	...	7	...	...	...	6	...	13	12
Sanskrit Literature	...	...	5	5	...	...	2	2	3	3
Total	114	110	65	63	108	106	42	41	75	74

On reconsideration the application for the affiliation of the college in branch IX Arabic of the B.A. Honours course was withdrawn under section 21 (5) of the Indian Universities Act, 1904, and the affiliation in Sanskrit and a related subject and in Persian and Arabic under Group VI of the B.A. Degree courses was sanctioned in G.O. No. 402, Home (Education), dated 26th March 1917.

8. *Library.*—Mr. Mark Hunter, Professor of English, continued to be in charge of the library during the year.

Three thousand eight hundred and eighty-five volumes were issued on loan as against 3,945 in the previous year as follows :—

	1915-16.	1916-17.
History, Economics and Biography...	745	752
Literature	2,807	2,837
Mathematics and Science	353	257
Philosophy	40	39
Total	3,945	3,885

The number of books studied in the library itself or issued for short periods amounted to 14,473 as against 15,025 in 1915-16. The number of books issued to the staff was 480 as against 843 in 1915-16. These figures relate to the general library only and not to the separate class libraries.

Books of the approximate value of Rs. 3,300 including a special supply of books bearing on Arabic and Persian studies were added to the library during the year.

In accordance with the Director's Proceedings No. 5885, dated 6th September 1916, provision has been made for allowing outsiders to use the library in special cases, and the special register prescribed therein has been maintained.

To facilitate the annual stock-taking recently ordered a shelf catalogue is in preparation and the book cases are being lettered and numbered. Until this work has been completed it will not be possible to check the books in the general library. The class libraries meanwhile have all been checked.

The card catalogues are up to date.

9. *Promotions.*—Promotions made at the end of the short term were as follows :—

	Number in class.	Number promoted.
<i>First-year class.</i>		
Group I	35	30
" II	24	16
" III	37	34
Total	96	80

<i>Third-year class (Pass).</i>		
Group I	18	15
" II-A	13	12
" II-B	8	8
" III-A	7	7
" III-B	5	5
" III-C	3	2
" IV	27	24
" V	25	27
" VI	1	1
Total	110	101

<i>Fourth-year class (Honours).</i>		
Branch I	12	11
" II-A	3	3
" II-B	1	1
" III-A	1	1
" III-B	3	3
" III-C	3	3
" IV	10	10
" VII	6	5
" VIII	2	2
Total	41	39

The promotions of honours students from the third to the fourth year wait for confirmation upon the results of the Preliminary Examination in English.

10. *Scholarships and prizes.*—The endowed scholarships and prizes were awarded as follows :—

1. Lord Elphinstone Scholarship	...	...	(No vacancy.)
2. Conolly Scholarships	...	...	(No vacancy.)
3. Thompson Scholarship	...	...	S. Narasimhan.
4. Subramanya Ayyar Scholarship	...	...	(Senior) No vacancy.
5. Lord Elphinstone Prize	...	...	(Junior) C. N. Guruswami.
	...	...	(Not awarded.)
6. Norton Prize	...	...	(Tamil) V. C. Ramachandran.
	...	...	K. V. Srinivasan.
7. Bourdillon Prize	...	...	(Telugu) M. Janakiramayya.
	...	...	(Tamil) P. Senkaranarayanan
8. Travancore Prize	...	...	(Telugu) Ch. Dakshinamurti.
9. Powell and Morehead Vernacular Prize	...	...	T. K. Chinmayanandam.
10. Maharaja of Vizianagram Prize	...	...	V. Krishnamohan.
11. Arbuthnot Prize	...	...	S. P. Doraiswami.
12. Gordon Prize	...	...	A. Ranganatha Rao.
	...	...	S. Narayana Rao.
13. Kunjambu Nambiyar Prize	...	...	K. Rama Menon and
	...	...	T. Narayana Menon.
14. Innes Prize	...	...	S. V. Gopalakrishnan.
15. Thompson Prize	...	...	(Senior) G. A. Srinivasan.
	...	...	(Junior) C. S. Ganapathi.
16. Oppert Prize	...	...	C. Sankaraman.
17. Elliot Prize	...	...	S. V. Gopalakrishnan.
18. Scott Elocution Prize	...	...	V. Sivasankara Rao
	...	...	S. Narasimhan.
19. Gadgil Prize	...	...	K. Lakshmitantan.
20. Mackintosh Prize	...	...	(Not available.)

The following students were elected to the college scholarships during the year :—

First-year class.

1. K. N. Beliappa.	5. S. H. Ranganathan.
2. P. N. Chandrasekharan.	6. S. Krishnaswami.
3. P. Venkataramamurti.	7. T. P. Subrahmanyam.
4. S. Venkateswaran.	8. S. Rama Ayyar.

Third-year Honours.

1. P. N. Kuppuswami.	8. V. V. Subramanya Ayyar.
2. P. S. Krishnaswami.	9. O. N. Krishnaswami.
3. K. Venkataraya Kudva.	10. Ch. Sankara Sastri.
4. M. Gopalakrishna Rao.	11. S. Lakshmiapati Rao.
5. B. Parthasarathi.	12. C. S. Ganapati.
6. P. S. Krishnamurti.	13. E. K. Lakshmana Rao.
7. K. Seshagiri Rao.	

The total number of the college scholarship holders at the end of the year was 42.

11. *University examinations.*—The results of the University examinations held in March and April 1916 are appended (Appendix C).

In "the disastrous year of 1916" our Intermediate students did better than usual with a pass percentage between two and three times that of the Presidency. In the B.A. examinations, pass and honours, they maintained or exceeded the Presidency average in all save two subjects—the Preliminary English and History Honours. Out of some 19 University prizes open to students of the college 14 were secured; while in the B.A. (Honours) examination we obtained 8 first classes distributed as follows :—Mathematics 4, Physics 2, English 1, Sanskrit 1.

12. *Admission.*—Three hundred and seventy-six students applied for admission on the strength of Secondary School-leaving or of European High School examination certificates against 613 in the previous year. Of these, 100 students were selected but only 87 of them joined the college. The large reduction in the number that applied for admission is due to the control of eligibility recently assumed by the University.

13. *Fees.*—The number of paying students was 529 in the first term and 517 in the second term. Of these 206 and 189 students respectively paid their fees by instalments.

14. *Receipts and charges.*—The receipts and charges during the years 1915-16 and 1916-17 are given in the following statement :—

	Receipts.			1915-16.			1916-17.		
				RS.	A.	P.	RS.	A.	P.
Fees	...	...	...	55,631	11	0	55,990	1	0
Miscellaneous	...	...	...	422	10	3	407	14	6
Total	...	...	...	56,054	5	3	56,397	15	6
<i>Charges.</i>									
Principal, Professors and Assistant Professors.	1,71,614	2	6	1,81,162	4	7			
Masters, Teachers and Sergeant	6,341	14	2	6,408	0	0			
Establishment including clerks, librarian and mechanic	...	...	...	9,286	8	8	9,745	4	7
Demonstrators	...	...	...	2,671	5	1	3,541	12	4
Travelling allowance	...	...	...	2,755	2	5	1,445	5	7
Library and class books	...	...	...	3,955	11	8	3,311	1	5
Apparatus, laboratory and Europe stores	...	...	...	14,875	6	8	7,555	8	3
Furniture purchased or repaired	...	...	...	1,848	4	0	2,163	3	11
Rents, rates and taxes	...	...	...	6,028	14	4	6,068	8	10
Other contingencies	...	...	...	5,688	4	2	5,849	15	3
Total	...	...	...	2,25,095	9	8	2,27,231	0	9

15. *College Council.*—Dr. J. L. Simonsen continued to be the Secretary to the Council. Besides the ordinary business of making promotions, awarding prizes, etc., the council considered in special meeting a reference on the possibility of increasing tuition without increasing appointments in the college.

16. *Games and athletics.*—For the third year in succession the college won the Inter-Collegiate Cricket-Trophy and in the Presidency cricket match the highest individual score was made by one of our students. Football and hockey were played, but for the time being seem somewhat under a cloud though we revived the competition for our football cup intermitted last year. Tennis, however, continues to be popular and it was found necessary to open a fifth court. An interesting feature of the year was a visit from the hockey and football teams of Kumbakonam College.

The duties of Honorary Secretary of the Athletic Association were satisfactorily performed by Mr. Candeth who was elected on Mr. Ranganathan's departure for Anantapur.

17. *Residence of students.*—Out of 554 students in the college at the end of the year, 160 lived in the Victoria hostel, Triplicane, 238 with their parents or guardians and 156 in separate lodgings. These lodgings were, as usual, inspected by members of the staff and reported satisfactory.

18. *Madras Educational rules.*—Such of the rules as are applicable to the college have been observed.

19. *Service registers.*—The service books have been verified up to 31st March 1917.

20. *Professors' reports.*—Extracts from the reports received from the various professors on the working of their respective departments are given below.

The Professor of English (Mr. Mark Hunter) writes : " *University Prizes.*—The prizes for English literature and English language for which Pass and Honours students are eligible were both awarded to a student from this college.

" Examination results on the whole were satisfactory. In the Honours Degree examination (Honours Final), out of 14 who sat we scored the only first, and the only seconds (three) that were awarded. Six were ranked in the third class. Of the remaining four, three obtained the Pass degree.

" The Preliminary Honours examination was again the scene of more failures from this college than should be normally looked for. The failures this year seem to be due to the admission to certain Honours courses, of students who are distinctly

weak in English and whose general intelligence is presumably not of a higher order. In six out of the ten Honours branches in which we are affiliated all the students sent up passed.

"*B.A. Pass.*—One hundred and one students sat; one obtained a first class (there were three in the Presidency) and 63 passed. This is a better result than any other college secured—not counting certain colleges which sent up one candidate each and passed him (or her). Still it might be bettered. I am contemplating certain reforms in methods of study which if I am able to realise them in any measure should lead incidentally to better examination results, though that is not the main motive.

"*Intermediate examination.*—The percentage of passes was 77.4. The Presidency average was 84.1. Our results leave us no reason to think that the course in English is unduly heavy, or the standard of the examination unduly high."

The Professor of Mathematics (Mr. R. Littlehailes) writes: "The College Mathematical Association held its meetings as usual and the library was well utilised. By the courtesy of the Deputy Director of the Madras Observatory I was permitted to arrange for the students of the senior classes being shown over the Observatory and being initiated into the working of the transit instrument there. I could wish that it were possible to provide a real practical course in Astronomy for all students of this subject. I should further like to see Astronomy made a special optional subject for study for the Honours students of Mathematics and some provision made for bringing certain students of Astronomy into touch with the research work on Solar Physics that is being carried out at the Kodaikanal Observatory, either during their University course or as post-graduate students holding University scholarships.

"I was permitted to attend the fourth Indian Science Congress held at Bangalore in January, where I read a paper on 'The duration of school life: a new measure of instruction and a test of Educational administration'—subjects of the extreme importance. At the end of December the Indian Mathematical Association held its first annual meeting at this college and its meetings were attended by several senior students of the college in addition to the mathematical staff."

The Professor of Mathematical Physics (Mr. P. V. Seshu Ayyar) writes: "In addition to the usual course of lectures in this department, there were delivered two courses of University lectures. One was by me on 'Theory of functions of a real variable' which was attended by the fourth and fifth year (Honours, Branch I) students of this college and also by about a dozen post-graduate students. The other was by M.R.Ry. T. K. Venkatasama Ayyar, M.A., L.T., on 'Celestial Mechanics' which was also attended by the same set of college students."

The Professor of Physics (Mr. R. L. Jones) writes: "The scheme of work remained unaltered and there were no changes in the staff. The fourth and fifth year Honours students attended a course of University lectures on Thermodynamics given by Rev. A. Moffat and a short course of Physical Optics by Mr. B. Venkatesachar of Bangalore. These courses have been of great assistance as it is impossible for me to do thoroughly the Honours courses singlehanded.

"Two of the Honours students were placed in the first class in the B.A. examination in April last and occupied the first two places on the list. A former Honours student of the college Mr. V. Narahari Rao was successful in obtaining an appointment as a result of the Financial Department examination at the end of last year. One of the Honours students read a paper, at the Science Congress at Bangalore in January, embodying the results of work done at the college."

The Additional Professor of Chemistry (Dr. J. L. Simonsen) writes: "The activities of the department have been somewhat varied; a number of technical analyses have been done for private firms and other individuals, whilst at the request of the Surgeon-General a quantity of chaulmoogric acid was prepared for the Leper Hospital at Royapuram. At the request of Professor Perkin of the University of Oxford some experiments were also made on behalf of the Munitions Board.

"I was again permitted by Government to attend the meeting of the Indian Science Congress, whilst I was called upon to give evidence before the Indian Industries Commission.

"Mr. Gopala Rao, university student in chemistry, has continued to work in the laboratory, whilst B. Venkateswaran who took his degree last year, has also been awarded a university studentship in chemistry and is doing research work in physical chemistry at the Central College, Bangalore, under the direction of Mr. F. L. Usher.

"During the year the following papers have been published:—

'Note on the Constituents of the Bark of the *Hymenodactylon Excelsum*', by C. S. Gibson and J. L. Simonsen.

'The Nitration of 2-Acetylaminio-3: 4-Dimethoxy Benzoic Acid and 3-Acetylaminio-1: 2-Dimethoxy Benzene', by C. S. Gibson, J. L. Simonsen and M. Gopala Rao.

'The Nitration of Certain Acetylaminio Acids', by J. L. Simonsen and M. Gopala Rao.

"A new low pressure gasometer is in process of construction and it is hoped that it will be in working order by the end of March."

The Professor of Botany (Mr. P. F. Fyson) writes: "The Honours classes were taken on two tours by the Professor to the Pulneys and the West Coast respectively for the purpose of studying the flora on the spot. On the first a halt was made for five days to work out the material collected; and comparing the results of this and of the second tour where no lengthy stay of more than one day was made anywhere, it appeared clear that to go to some place where the flora is quite different from that of Madras and stay for a few days there is the most useful form of tour for class purposes. The same students joined a tour conducted by the Professor of Geology to view some remarkable fossil remains of petrified trees in South Arcot and brought back valuable material.

"*Herbarium.*—Considerable additions have been made again this year, and a not inconsiderable part of my time is occupied in working out plants sent in by correspondents, whose collections often contain species new to the college. Nearly 700 have been received in this way half of which were from the Forest College at Coimbatore, involving 187 fresh identifications, and about 130 duplicates have been sent out in exchange. In all over 1,200 sheets have been added to the herbarium

"Three papers were read before the Indian Science Congress at Bangalore by the Professor, on the Ecology of the Pulney and Nilgiri plateaus; on *Scirpus mucronatus*, L. and *Ammania rotundifolia* in the lake at Kodaikanal and on a monstrous form of Pine apple. The Assistant Professor, Mr. T. Ekambaram, has been continuing his investigation into the mechanism of the bladders of *Utricularia* and read a further paper before the Science Congress. M. O. Tirunaryanan, a student of the B.A. classes, read a paper before the same body descriptive of investigations he has been conducting on the bacteria in certain root-galls and nodules.

"That original work apart from teaching and class work is being done here is, I think, very satisfactory. It is also a matter for satisfaction that several other papers were read before the same congress by old students of this department who hold scientific posts in Agriculture Research Laboratory at Coimbatore or Bangalore.

"*Old students and appointments.*—A student of the last year Honours class, G. Viswanathan, has been appointed in charge of the Museum of the Forest College at Coimbatore. I have had more than one application from other parts of India for men suitable for scientific work in botany and I am hoping to place shortly old or present students in three posts outside the Presidency of considerable higher value than those ordinarily open to them in schools and colleges. Two of these are due directly to the work of this department becoming known at the meetings of the Science Congress of this and last year; and in view of the competition of the other universities of India this is, I think, a matter of congratulation."

The Professor of Zoology (Mr. Ramunni Menon) writes: "During the year under report, no admissions were made into the first year Honours class, as none of the applicants for admission to the zoology section, judged by their Intermediate examination marks which at the time of deciding furnish the only available criterion,

showed any outstanding merit. The step has, however, produced one very satisfactory result, viz., that the Pass Junior B.A. class this year is very much above the average.

"The third year Honours class was augmented this year by the admission of the Final (third) year students from the Madras Christian College.

"The number of lady students taking Group II in the Junior Intermediate class this year is too large to allow of their being accommodated along with the male students, and separate classes were accordingly arranged for them.

"The appointment of the demonstrator for the year was made under the new rules and on better terms, and it is satisfactory to be able to note that it has been possible to get better work out of him than in the past."

The Acting Professor of Geology (Mr. H. Narayana Rao) writes: "The fifth year Honours students, who have taken up geology as their main subject, have usually got to map a selected area to complete their training in practical fieldwork. The magnesite area near Salem was selected for this purpose for this year and the two Honours students were at work there for about a fortnight in November last. I visited the place and had occasion to inspect their work which I found to be satisfactory. Besides this special tour, excursions were made also to Tanjore, Trichinopoly and South Arcot districts, besides two minor excursions to St. Thomas' Mount and Pallavaram; in these excursions all the geology students both main and subsidiary joined.

"I have had in the course of the year under report a few models made in wood and added to our collection to illustrate the various structural features of stratified rocks, and models in plasticine of different colours are also being prepared to illustrate similar structures.

"The class library has been strengthened by the addition of more than sixty volumes in the course of the year. It seems to have been well used by the students."

The Acting Professor of Philosophy (Mr. S. Radhakrishnan) writes: "The college came out very well in the university examinations of the year 1916. For the first time, under the three year Honours course, four students were sent up for the Honours examination in Philosophy and all of them were successful. Both the second class of the university were secured by us. All the 22 candidates who sat for the Philosophy part of the B.A. ordinary degree came out successful. The two university medals open to Philosophy candidates were obtained by our students, the Sathianathan Gold medal by Mr. Tirukutasundaram Pillai, B.A. (Honours) and the Miller Gold medal by G. Subba Rao, B.A. Forty-two students appeared for the Intermediate examination in Group III taking logic as one of the subjects. Of these, 6 failed in logic along with one or more of the other subjects, and none failed in logic alone. Only four students, however, obtained distinction in logic.

"A portion of the upstairs (eastern) hall has been rendered available for the use of this department and it is proposed to convert this into an Honours library and reading-room from next year.

"Apart from disturbances due to changes in the staff, the year under review has been one of quiet and steady progress. In the final year Honours class we tried this year the system of weekly discussions on philosophical problems. These free and informal discussions in the class-room not only promote the critical power and alertness of mind by compelling the students to think for themselves but also help to give a vivid sense of reality to the high problems of life and mind. Regarding original and other publications issued in connection with this department may be mentioned—

(1) The Vedantic Approach to Reality by S. Radhakrishnan. The Monist (London and Chicago), April 1916.

(2) Bergsons Idea of God by S. Radhakrishnan. The Quest (London), October 1916.

(3) Religion and Life by S. Radhakrishnan. The International Journal of Ethics (London and Chicago), October 1916."

The Professor of Sanskrit (Mr. S. Kuppuswami Sastri) writes: "Throughout the year under report I was in charge of the following subjects comprised in the B.A. Honours Course for Branch VIII, viz.—

Comparative Philology and Indo-Germanic Comparative Grammar with special reference to Sanskrit Philology;

History of Sanskrit Language and Literature,

The Advaita and Visistadvaita Systems of Vedanta,

Mimamsa or the Science and Philosophy of Vedic Exegesis, and

The Nyaya and Vaisesika Systems of Philosophy.

"Mr. S. Subba Rao, M.A., the first Assistant Professor of Sanskrit, was in charge of some of the text-books comprised in the general part and certain Visistadvaita Prakaranas in the special part of the B.A. Honours course, as also of the History of the Vedic Literature with special reference to the Rig-Veda and Nirukta. Under the orders of the department, he was also in charge of a portion of the Sanskrit work in the Madras College for Women. The Intermediate Sanskrit work, together with certain text-books in the Honours Course and the tutorial work relating to the III and IV year Honours classes, was equally divided between Mr. K. Gopalakrishnamma, M.A., L.T., and Mr. C. Viswanatha Sastri, M.A., L.T., the second and third Assistant Professors of Sanskrit.

"The work of the year in all the branches of the Oriental Department has been on the whole quite satisfactory. The results in the last University examinations were good. All the four students that appeared from this college for the B.A. Honours Examination in Branch VIII in April 1916 were successful. One of them got first class Honours, two were placed in the second class and one in the third class. One of them, Mr. P. P. Subrahmanyan, has been awarded by the Madras University a research studentship in Sanskrit of Rs. 75 per mensem and he has been allowed to work in the Sanskrit section under the guidance and supervision of the Professor of Sanskrit and Comparative Philology at the Presidency College, the subject of his research being 'Bhadracharya's Philosophy.'

The Professor of History reports: "As a subject for Honours, history appears to keep up its popularity and the decline in last year's class has been more than recovered. The third year Pass class is also as large as is desirable. It contains, I may mention, a Nambudiri student who, though not working for any University test, was anxious to obtain the benefits of our college life.

"The Additional Professor of History notes one unsatisfactory result of the institution of Honours—that it has provided the Pass students with an excuse (parading as an argument) for doing only the minimum of work. As 'in the night all cats are grey' so in the outer darkness of the Pass course subtle distinctions of class they hold are meaningless. For them then a short text-book and a gay one! It is much to be hoped that examiners will not encourage this theory of the relations between Pass and Honours courses.

"In addition to his other duties the Temporary Additional Professor gave a course of lectures on 'Warren Hastings' which was attended by the fifth year Honours students of the Christian College and also a course under University auspices on 'The Co-operative Movement in India and elsewhere.'

"The results of the University examinations have been noted elsewhere; both the Raja Sir Ramaswami medal and Northwick prize fell to our students."

21. General.—Again for the third year in succession I have to close my report on a note of loss. To the great regret of all his colleagues M.R.Ry. A. Subrahmanya Ayyar, Professor of Mental and Moral Science, was carried off after a comparatively short illness. In the seven years he had been in the college he had by his vivid yet genial personality made for himself a very definite place in general esteem and had identified himself specially with the student population whose cause he had but recently championed in the Senate with marked success.

In memory of his father his son M.R.Ry. S. Venkataraman, B.A., B.L., has very kindly presented his books to the college as a special class library for students of Mental and Moral Science and I take this opportunity of recording my thanks.

APPENDIX A.

I. Distribution of students according to caste or race.

Europeans and Eurasians	12
Indian Christians	11
Muhammadans	23
Hindus { Brahmans	413
Non-Brahmans	90
Total	554

II. Distribution of students according to wealth of parents or guardians.

Richer classes	53
Middle classes	460
Poorer classes	41
Total	554

III. Distribution of students according to occupation of parents or guardians.

Officials	276
Petty officials	14
Landholders	228
Traders	29
Artisans	2
Others	5
Total	554

APPENDIX B.

Distribution of students according to the districts to which they belong.

Districts.	I	II	III Pass.	IV Pass.	III Honours.	IV Honours.	V	Total.
Amantapur	1	..	..	..	..	..	..	2
Arcoot { North	6	1	2	8	1	3	..	21
Arcoot { South	4	3	3	..	3	..	..	20
Bellary	..	..	..	..	..	..	..	3
Chingelput	4	1	5	5	3	..	6	24
Chittoor	1	..	1	1	1	..	..	5
Coimbatore	3	4	6	1	..	..	..	15
Cuddapah	1	..	1	2	..	1	..	6
Ganjam	..	2	2	1	..	1	..	10
Gondar	1	1	3	2	2	..	3	12
Kanara, South	4	1	5	3	6	..	..	20
Kannad	5	1	6	6	2	..	..	22
Kistna	1	1	1	1	..	..	..	4
Kurnool	16	9	10	11	4	2	7	59
Madras	1	..	2	2	1	..	2	10
Malabar	1	1	15	21	6	..	6	56
Nellore	1	1	3	3	..	1	..	9
Ramanad	..	2	4	1	1	1	..	11
Salem	23	18	15	15	15	10	12	108
Tanjore	3	6	9	1	..	..	..	26
Tiruchinopoly	1	5	3	1	..	1	..	13
Vizagapatnam	..	1	2	1	2	1	..	11
Burna	..	..	..	..	..	..	..	1
Cochin	3	..	9	6	3	..	3	30
Coorg	1	..	..	..	..	..	..	1
Dharwar	..	..	..	..	..	..	..	1
Kashmere	..	..	..	..	..	..	..	1
Hyderabad	1	..	..	..	..	..	..	1
Mysore	2	3	3	..	..	1	1	19
Pondicherry	..	..	..	..	..	..	..	1
Pudukkotta	..	..	..	..	..	1	2	3
Travancore	5	2	1	2	..	4	16	..
Total	95	60	110	120	53	41	74	554

APPENDIX C.

Results of the University examinations, 1915-16.

Examinations.	Number applied.	Number exam- ined.	Number passed.				Percentage passed from the college.	Per cent for the University.
			First.	Second.	Third.	Total.		
Intermediate	96	93	24	36	..	60	64.5	26.3
B.A. Pass Degree—								
Part I	102	101	1	63	..	64	63.4	66.4
Group								
I	24	24	1	17	..	18	75.0	73.6
II-A	16	16	..	9	..	9	56.0	62.2
II-B	9	9	..	7	..	7	77.8	44.7
III-A	3	3	1	2	..	3	100.0	..
III-B	1	1	..	1	..	1	100.0	95.8
III-C	3	3	..	3	..	3	100.0	..
IV	22	21	..	21	..	21	100.0	69.1
V	24	24	..	21	..	21	87.5	60.4
Total	102	101	2	82	..	84	..	..
B.A. Honours Preliminary	44	44	..	..	..	38	81.8	92.1
B.A. Honours Degree examina- tion—								
Branch								
I	17	13	4	2	5	11	84.6	77.7
II-A	7	6	2	2	2	6	100.0	100.0
II-B	5	4	..	1	2	3	75.0	75.0
III-A	2	2	..	..	1	1	50.0	50.0
III-B	3	2	..	1	1	2	100.0	100.0
III-C	4	4	..	1	2	3	75.0	75.0
IV	2	2	..	2	4	4	100.0	99.0
V	10	10	..	5	3	8	80.0	92.3
VII	17	14	1	3	6	10	71.4	70.6
VIII	4	4	1	2	1	4	100.0	100.0
Total	72	63	8	19	25	52	..	..

* Excludes one candidate who was granted B.A. Pass Degree.

† „ two candidates who were granted „

‡ „ three „ „

R.C. No. 3056/17, dated 31st May 1917

Recorded.

2. The report which is full and contains interesting extracts from the professors' reports is again a record of good and steady work done during the year.

3. There were numerous but unavoidable changes in the staffs of professors and assistant professors of which the most prominent was the reversion to the chair of mathematics of Mr. Littlehales after a long absence, first on other duty and then on leave, and to the Geological Survey of India of Mr. Daru, Professor of Geology. The Director concurs in the Principal's estimate of the great loss sustained by the college in the sudden and premature death of M.R.Ry. A. Subrahmanya Ayyar Avargal, Professor of Mental and Moral Science, who had been connected with the institution for a period of seven years and with the department for about 33 years.

4. The Principal remarks that the college tends to recover its strength, apparently because the difference in strength between the second terms of 1916-17 and 1915-16 is less than that between 1914-15 and 1915-16. Among the districts represented Tanjore headed the list as usual, and Madras and Malabar followed it in order though not very closely. The number of lady students had dropped from 13 to 10 owing presumably to the facilities afforded by the two local women colleges.

5. The proposals for the construction of a new chemistry block referred to by the Principal are now under the consideration of Government.

6. The college was affiliated during the year in Sanskrit and a related subject and in Persian and Arabic under Group VI of the B.A. Pass course and the necessary temporary additions to the staff of the college were also sanctioned in this connection.

7. The college obtained a singular success in the Intermediate as well as the B.A. Degree examinations (both Pass and Honours), the percentage of passes being above the Presidency average in almost all the groups.

8. The Director is glad to note that the college maintained its prestige and popularity and to congratulate the Principal and the staff of professors and their assistants on the efficient condition of the institution during the year.

J. H. STONE,
Director of Public Instruction.

To the Principal, Presidency College, with spare copies.
" Principals of other Government Colleges.
Copy to the Government, for information, with covering letter.

Order—No. 832, Home (Education), dated 20th June 1917.

Recorded.

(True Extract)

R. RAMACHANDRA RAO,
Secretary to Government.

To the Director of Public Instruction.
Editors' Table.

Report
Recording the — on the working of the Presidency College,
Madras, during 1916-17

Box 24
circ 19.6.17
recd. 20.6.17

READ AGAIN G.O. No. _____, dated _____ 191

" " " " _____, " _____ 191

READ ALSO:-

C. No. 2241A From the D.P.J., No. 3056, dated 13.6.1917

" " " " _____, " _____ 191

" " " " _____, " _____ 191

ORDER.

P.S.

No. 832, dated 20.6.1917

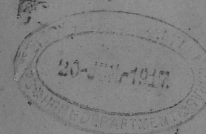
'Recorded'

Sc
16.6.17

Ca
18.6.17

19/6/17

H.E.
19/6/17 P
20.6.17



Issue

20/6/17

to the D.P.J.
ET.

ORDINARY.

PRESS SLIP.

PREFERENCE.

URGENT (a)

Sectt. II-38-1-17.

DEPARTMENT.

Current No. dated 191

G.O. No. 8.32 dated 20.6.191

Number of MS. pages sent

(b)

(b')

Notes.

Brief subject

(c)	E. T. copies to supply requisitions for purchase by the public.	Complete correspondence and orders.	Notes.
Number of copies required when struck off (not including copies for columns and editors' table which are retained on the Press).			
FOR RECORD.			
Madras Records	4	6	
Ooty Records		3	
For filing with original		1	
Total ..		20	

FOR ISSUE.

Signature copies

India Office			
Govt. of India	Dept.		
Revenue Department			
Public Works Department			
Local and Municipal Department			
Educational Department			
Public Dept.	Dept.		
Judicial Dept.			
Political			
Financial Dept.	Total		
Marine Dept.			
Ecclesiastical Dept.			

Spare copies

The		6	
The		6	
The			
The			
The			
The			
The			
The			
The			
The			
The			
The			
The			
The			
Total ..			

Copies distributed on (Press Clerk).

Copies distributed on (Press Despatcher).

To be initialed and dated.

INSTRUCTIONS FOR THE SECRETARIAT.

(a) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(b) Each letter, memorandum, or order or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(b) For rules regarding printing of notes, see rule 815 of the office Manual.

(c) The number of copies and the details of distribution should be filled in by the Superintendent or Referencee concerned.

(d) In the absence of special instructions to the Press to keep matter standing for a specified period, ordinary papers of 8 pages and under will be kept standing for one week, and larger papers for two weeks only. The type of notes and of all confidential papers is distributed immediately after striking.

(e) This slip, properly and completely filled in, should accompany every paper sent to Press; it will be returned by the Press when proofs are furnished; it should be sent to the Press when a call is made for revised proofs or when a corrected proof is sent for striking. When finally returned by Press it should be filed with the original order or letter.

INSTRUCTIONS FOR THE PRESS.

(a) If, in the opinion of the Superintendent of the Press, a paper has been marked urgent unnecessarily, he should send the Press slip to the Registrar with a remark to that effect.

(b) Unless a note to the contrary is made against the matter, pencil entries should not be printed. The Superintendent of the Press may bring to the notice of the Registrar any instance of incomplete or careless editing.

(c) Signature copies of letters to the Secretary of State or to the Government of India should be printed on hand-made paper.

(d) This slip should be returned by the Press to the Secretariat when proofs are furnished; it will be sent back to the Press when proofs are returned corrected and should be finally returned to the Secretariat when struck-off copies are supplied.

(e) The names of the Secretary and Members should be printed in full when they occur on the right hand side, only the first time when they appear on the left side, the initials alone being printed later.

TO PRESS, MADRAS CITY.

A
Please send proof in duplicate. The papers have been carefully edited.

B
Proof returned corrected. Please strike off and send number of copies as indicated.

C
As the matter is clear manuscript and has been carefully edited, (b) proof need not be sent. Please print and supply number of copies as indicated.

Type may be released after usual interval at once.

Type may be released after usual interval.

Referencer.
Clerk.

Referencer.
Clerk.

Referencer.
Clerk.

Supdt.

Supdt.

Supdt.

SPECIAL INSTRUCTIONS.

TO BE FILLED IN BY THE PRESS.

Diary.	Initials of Press official.
Received in Press on.....	
First proof furnished on.....	
Call for revised proof received on.....	
Revised proof furnished on.....	
Corrected proof received for striking on.....	
Final copies supplied on.....	

Account of copies.	Complete copies.	Notes.	Issue copies.	Special E.T. edition.
Supplied to Secretariat for Record.....				
" " " Issue.....				
" " " for Extra E.T. copies to supply requisitions for sale to the public.				4
For Volumes.....				
For supply to newspapers and institutions admitted to the privileges of the E.T.				
Total ...				