

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

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} 1913.

Enclosures

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G.O. No. 629, 4th July 1913.

The Presidency College.

Recording report on the working of — during the academical year 1912-13.

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GOVERNMENT OF MADRAS.
EDUCATIONAL DEPARTMENT.

Read—the following paper:—

Letter—from the Hon'ble Sir ALFRED GIBBS BOURNE, D.Sc., F.R.S., K.C.I.E.
Director of Public Instruction.
To—the Secretary to Government, Educational Department.
Dated—the 17th June 1913.
No.—R.C. 3559/13.

I have the honour to submit for the information of Government a copy of my Proceedings R. C. No. 3559/13, dated 13th June 1913, reviewing the report on the working of the Presidency College during the academical year 1912-13.

ENCLOSURE.

Proceedings of the Director of Public Instruction, R. C. No. 3559/13, dated 13th June 1913.

Read—the following paper:—

Letter—from E. W. MIDDLEMAST, Esq., M.A., Acting Principal, Presidency College, Madras.
To—the Director of Public Instruction, Madras.
Dated—the 30th April 1913.
No.—C. 308/13.

I have the honour to submit the following report on the working of the College during the year extending from 1st April 1912 to 31st March 1913.

2. M.R.Ry. Rao Bahadur M. Rangacharya, Professor of Sanskrit, was absent on sick leave from 1st July 1912 till the end of the period under report. His place was taken by M.R.Ry. S. Kuppuswami Sastri, Principal of the Sanskrit school at Tiruvadi.

The college was strengthened by the creation of two new appointments in the subordinate service during the year. The posts were filled by M.R.Ry. R. Satakopa Aiyangar who joined duty as Assistant Professor of Physics on the 8th July 1912, and M.R.Ry. S. Subba Rao, who was appointed Assistant Professor of Sanskrit and joined duty on the 24th July 1912.

M.R.Ry. T. Ekambaram resumed the post of Assistant Professor of Botany on 2nd July after completing a course of training at the Teachers' College, Saidapet, and M.R.Ry. R. Gopala Aiyar who had been acting was sent to the same college for training.

M.R.Ry. K. Srinivasapatrachariyar, Assistant Professor of Mathematics, was transferred to the Teachers' College, Saidapet, on 27th November 1912 and M.R.Ry. C. N. Ganapati Aiyar acted for him.

M.R.Ry. S. Rama Aiyar, Malayalam Master, was sent for training to the Teachers' College, Saidapet, in July 1912 and his place was filled by M.R.Ry. K. Venkateswara Sastri.

M.R.Ry. N. K. Venkatesan, Assistant Professor of English, went on privilege leave for two months from the 31st January 1913 and M.R.Ry. M. Venkatesa Aiyangar acted for him.

There were also some changes in the appointments held by the Professors and in the grade and pay of the Assistant Professors which it is not necessary to detail as they did not affect the working of the college.

3. *Accommodation and Equipment.*—The new southern block was at last finished and the History Department was transferred to it in July 1912. The additional space thus made available enabled me to assign to each department of study, except mathematics, self contained accommodation providing for lecture rooms, library and study rooms, a private room for the Professors and a common room for the Assistant Professors.

The Department of Mathematics is not yet provided with a private room for the Professor or a library and study room. These deficiencies will be supplied when the downstairs hall is converted into an office and record-room, and the rooms now used as an office and record-room become available.

The construction of a verandah on the west side of the college was practically completed during the year.

No sanction has yet been received for the projected chemistry block, the plans of which were submitted on the 17th September 1912.

4. *Strength and attendance.*—The following statement shows the number of students on the rolls in the first and second terms of 1911-12 and 1912-13:—

	1911-12.		1912-13.	
	First term.	Second term.	First term.	Second term.
First year class	99	96	106	102
Second year class	110	108	117	112
Third year class (Hon.)	65	69	76	72
Do. (Pass)	87	85	122	119
Fourth year class (Hon.)	187	192	59	58
Do. (Pass)	40	35	32	31
M.A. Class	40	35	38	38
Total	588	577	600	582

Twenty-six students left at the end of the first term and eight students joined during the second term.

The average number on the rolls for the year 1912-13 was 577.9 and the average daily attendance 524.4.

Contrary to the opinion expressed in last year's report the strength of the college largely exceeded the figure laid down in Mr. Stone's proposals contained in his letter No. 293, dated 7th May 1908. The excess was mainly due to the fact that by a misunderstanding the students of the college who were successful in the Intermediate examination and wished to join the third year class did not register their names beforehand for admission. After the admissions had been settled and notice given to the students selected, it was found that a large number of our own students who had not sent in their applications beforehand presented themselves for admission to the third year class and obviously had to be admitted, thus very largely increasing the strength of the third year class.

Further, the proposals mentioned made no provision for M.A. students of whom there are as many as 38 in the college.

The total of 600 which was reached this year is I believe, the highest figure recorded for this college. It was found too large for the staff in English, which is a compulsory subject for the great majority of students, to cope with. I have taken precautions against the recurrence of the misunderstanding mentioned above, and anticipate that in 1913-14, the strength will be more manageable.

5. *Distribution of students.*—Appendix A gives the distribution of students on the 31st March 1913, according to (i) caste or race, (ii) wealth of parents and (iii) occupation of parents.

Appendix B shows the distribution of students according to the districts to which they belong.

There were 25 lady students.

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

	Composition.	
	First year class.	Second year class.
Tamil	38	46
Telugu	17	21
Canarese	1	1
Malayalam	8	3
Urdu	3	4
Total	66	75

Translation.

	First year class.	Second year class.
Sanskrit	26	27
Latin	3	8
French (Private study)	7	2
Total	36	37

The following table shows the number of students taking the various combinations of subjects under Group III of the Intermediate course in which the college provides instruction, or is prepared to do so:—

	First year.	Second year.
Ancient history, modern history and logic	37	43
Ancient history, modern history and a classical language.	3	1
Modern history and two languages	...	...
Two languages and logic	4	1
Total	44	45

It will be seen that the number of students taking up a language other than English has increased from 2 to 7, but the study of languages other than English is still unpopular.

7. *Statistics of science studies.*—The following statement shows the number of students in the several science divisions:—

	First year class.		Second year class.	
	First term.	Second term.	First term.	Second term.
Group I	36	36	40	39
" II	24	22	30	29
" III	46	44	47	44
Total	106	102	117	112

	Third year pass.		Third year (Hon.).		Fourth year pass.		Fourth year (Hon.).	
	First term.	Second term.	First term.	Second term.	First term.	Second term.	First term.	Second term.
Mathematics	16	16	16	15	10	10	14	14
Physical Science.								
Physics	18	18	7	7	30	19	4	4
Chemistry	12	11	2	2	14	14	1	1
Natural Science.								
Botany	9	9	5	5	5	3	2	2
Zoology	2	3	4	4	2	2	2	2
Geology	1	3	1	2	3	3	3	3
Mental and Moral Science.	19	19	...	10	10	...	...	...
History and Economics	43	41	10	9	19	12	12	12
Total	122	119	45	43	82	81	30	38

Twenty-one students in the third year class—honours and fifteen in the fourth year class honours were attending the course in English literature and eight and five respectively in Sanskrit literature.

Two students left the honours classes; one student was transferred to the pass course and one student died.

8. *M.A. Students.*—The 38 students reading for M.A. during the second term were distributed as follows:—

Mathematics	4
Physics	4
Chemistry	4
Zoology	1
Geology	1
Mental and Moral Science	3
History	1
English Literature	20
Total	38

9. *Library.*—The professor of English continued to be in charge of the library. During the year, the acting librarian and the peon were transferred, and their places filled by others.

Five thousand two hundred and eighteen volumes were issued on loan as against 5,556 in the previous year, as follows:—

	1911-12.	1912-13.
History, economics and biography	1,580	1,417
Literature	3,084	2,849
Mathematics and science	848	924
Philosophy	44	28
Total	5,556	5,218

The number of books studied in the library itself or issued on loan for short periods amounted to 13,193 as against 13,983 in the previous year.

The number of books issued to the staff was 606 as against 748 in 1911-12.

These figures have reference to the general library only and do not indicate that students use the college library as a rule less than in former years. The system of class libraries has been extended and readers, particularly honours students, and members of the staff, are not so dependent as formerly on the general library. A history class library was opened during the year and a large number of books transferred to it.

Books of the approximate value of Rs. 5,920 including those obtained under special sanction (chemistry, history and reference books) were added to the library during the year.

The library catalogue which had been for some time in preparation was published during the year. It is complete up to April 1911. A supplement bringing the catalogue to date is in preparation and, it is hoped, will be published within the next few months. The card catalogue is complete to date.

10. *Promotions.*—The promotions at the end of the second term were made as follows:—

First year class.		Number in class.	Number promoted.
Group I	...	36	31
" II	...	22	19
" III	...	44	36
		102	86

Third year class (pass).		Number in class.	Number promoted.
Group I (Mathematics)	...	16	14
" II-a (Physics)	...	18	14
" II-b (Chemistry)	...	11	10
" III-a (Botany)	...	9	9
" III-b (Zoology)	...	3	3
" III-c (Geology)	...	2	2
" IV (Mental and Moral Science)	...	19	19
" V (History)	...	41	36
Total	...	119	107

As in the previous year these promotions were made at the end of the term and were published on the last day of the term.

In the case of the honours classes promotions were not all made at the end of the term as the third year class had to appear for the preliminary examination of the University in English and it was not considered desirable to make them attend a college promotion examination as well, and the results of the promotion examination of the fourth year class could not, in all cases, be got ready by the end of the term.

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

1. Thompson scholarship	Miss K. Myers.
2. Subrahmanyam scholarship	Junior—B.V. Appa Rao. Senior—M.S. Lakshminarasimham.
3. Lord Elphinstone prize	V.V. Narasimhan.
4. Norton prize	Tamil—A. Ramaswami. Telugu—V. Suryanarayana.
5. Bourdillon prize	Tamil—V.V. Nagesvaran. Telugu—H. Suryanarayana Rao.
6. Travancore prize	E.R. Seshu Aiyar (Mathematics).
7. Maharaja of Vizianagram prize.	A. Fernandez (Zoology).
8. Arbutnot prize	T. Gomatinayakam Pillai. V.V. Narasimhan.
9. Gordon prize	T. A. Ananta Aiyar.
10. Kunjambu Nambiyar prize	C. Kunhirama Menon.
11. Innes prize	V. K. Aravamuthan. V. Saranathan.
12. Thomson prize	Junior—J. P. Sears. Senior—S. Subrahmanyam (Physics).
13. Oppert prize	K. Desikan.
14. Elliot prize	K. Chinnaswami.
15. Scott Elocution prize	H. Rama Rao.

The following were elected to College scholarships by the College council:—

Third year class—Honours.

1. V. Narayanan	(Mathematics).
2. R. Vaidyanathaswami	(Do.).
3. A. Narasinga Rao	(Do.).
4. T. R. Subrahmanyam	(Physics).
5. V. Rajaraman	(Chemistry).
6. T. V. Ramanathan	(Botany).
7. S. Srinivasa Rao	(Do.).
8. C. H. Subrahmanyam	(History).
9. A. N. Rama Rao	(Do.).
10. T. K. Sankara Menon	(English).
11. N. R. Kedari Rao	(Do.).
12. J. P. Sears	(Do.).
13. M. Atmaram	(Do.).

First year class.

1. K. C. Srinivasan	Group I.
2. S. Sengodaiyan	Do.
3. Sadasivam	Group II.
4. P. N. Rajagopal	Group III.

It was found necessary to remove the scholarship awarded last year from one of the scholars for neglect of work.

- * 1. Lord Elphinstone scholarship and prize endowment fund.
- 2. Thomson scholarship endowment fund.
- 3. Subrahmanya Aiyar scholarship endowment fund.
- 4. The Gordon prize endowment fund.
- 5. Thomson prize endowment fund.
- 6. Oppert prize endowment fund.

During the year schemes were settled for the making provision for the award of the scholarships and prizes under the altered conditions due to the introduction of honours courses and these endowments* were vested in the Treasurer of Charitable Endowments.

12. *University Examinations.*—The results of the University examinations held in March and April 1912 are given in appendix C.

The college has again had a large amount of success in every subject in the Intermediate, B.A. Degree, and M.A. Degree examinations, in which it presented candidates. In the degree examination sixteen students of the college were placed in the first class, and in mathematics, physics, chemistry, zoology, mental and moral science and history our students were first in the first class and two of them secured the rare distinction of a triple first. Seventeen University prizes were awarded to our students.

13. *Admission.*—The number of applications for admission on the strength of Secondary School-leaving certificates was again in excess of the number of vacancies; out of 566 candidates for admission only 97 were admitted. The Secondary School-leaving certificates of a large number of the applicants showed that they were not fit for a University course.

The certificates of a fair number of selected students showed that they had gone through a supplementary course at school and had greatly profited thereby.

14. *Fees.*—In the first term 171 out of 600 students and in the second term 156 out of 582 students paid their fees by instalments.

15. *Receipts and charges.*—The following statement shows the receipts and charges for the official years 1911-12 and 1912-13:—

	1911-1912.			1912-1913.		
	Receipts.			Receipts.		
	RS.	A.	P.	RS.	A.	P.
Fees	57,271	12	0	57,380	15	0
Miscellaneous	77	4	0	332	5	10
Total	57,349	0	0	57,713	4	10
	Charges.			Charges.		
Principal, Professors and Assistant Professors.	1,51,666	11	1	1,57,884	4	2
Masters and Teachers	5,304	2	1	5,580	3	0
Establishment including clerks, librarian and mechanic.	5,736	9	6	8,580	14	2
Demonstrators	735	7	8	1,419	13	10
Travelling allowance	820	0	11	1,142	5	11
Library and class books	3,536	4	6	6,041	10	8
Apparatus, laboratory and Europe stores.	11,116	8	8	22,405	4	7
Furniture purchased or repaired	6,829	5	7	1,916	3	0
Rents, rates and taxes	5,072	7	6	4,360	1	8
Other contingencies	2,376	12	0	3,181	13	1
Temporary establishment	280	10	4	...	...	...
Total	1,93,474	15	10	2,12,512	10	1

16. *College Council.*—Three meetings of the council were held during the year at which the usual business was transacted.

17. *Games and Athletics.*—Mr. J. H. Mackintosh continued to be Honorary Secretary during the year. The games of hockey, football, cricket, lawntennis and badminton were played during the year. Lawntennis and badminton were seriously interfered with by building operations. The need of some kind of fence to keep off outsiders is much felt; the cricket field is practically open on the sea front and there is a well marked track across the football and hockey ground made by trespassers.

18. *Residences of students.*—At the end of the year under report 162 students were living in the Victoria hostel and the remaining 420 either with parents or guardians or in lodgings.

The lodgings were inspected during the year by members of the college staff deputed for the purpose, and in only one or two cases were found unsuitable. In such cases, the students were required either to change their quarters, or in cases, where the defect was due to an easily remediable cause, e.g., want of protection against the rain, to make the landlord remedy the defect.

An impression seems to be prevalent that the Victoria hostel is under the management of the college: at any rate I received last year many applications into the college accompanied by applications for admission to the hostel. It would certainly be a great convenience to students if both applications could be disposed of by one authority.

19. *Madras Educational Rules*.—Such of the rules as apply to the college have been observed.

20. *Service registers*.—The entries have been verified up to the 31st March 1913.

21. *Professors' reports*.—I append extracts selected from the reports of the professors on the working of their respective departments.

The Professor of Physics (Mr. R. Ll. Jones) writes:—“In last year's report I mentioned that I was unable to work up to my time-table owing to the insufficiency of the staff in the Physics Department. This continued to be the case till the end of the first term in 1912. In June the additional assistance asked for was granted and Mr. Satakopa Aiyangar joined at the beginning of the July term. We are now able to carry out the work as given in the time-table and effort has also been made to recover some of the ground lost in the previous academical year. Some idea of the heavy work involved by the practical courses may be gained from the following fact. Apart from these taking the honours and M.A. course the number attending the laboratory and the time they spend in practical work was during the second term equivalent to 284 students each working two hours every week.

“The work on the internal fittings has progressed during the year but is still not completed. Considerable additions were made to the stock of apparatus and material in the laboratory during the year. The most urgent need at present is more opportunity for the staff to get the apparatus into good working order, which with the present heavy teaching work is not possible in ordinary term time and to undertake some work of their own.”

The Professor of History and Economics (Mr. H. J. Allen) writes:—“The chief event of our year has been the opening—long deferred—of the new history block. We entered into possession after the summer vacation and are thus just completing our experience of the new buildings under annual climatic conditions—an experience which during the monsoon included leakage that rendered one room almost unfit for use. The new block gives us two large and one small lecture rooms, two study rooms, one class library and three private rooms for the professors and assistant professors. Such space is highly advantageous; but unfortunately the absence of a through draught makes the rooms on the western side very hot and airless.

“The division of the work continued on the lines marked out in the previous year. Mr. Green, however, in addition to his lectures to the ordinary classes took the fourth year honours students in their special period of European history, while they came to me for political science. This class contains some promising material, and has got through a considerable amount of private reading during the year as is evident from the note books which they brought periodically for my inspection. The third year honours students do not impress me so favourably—in quantity and quality the class is inferior. To find a reason for the difference in average ability that manifests itself as between the students of one year and of another might furnish the believer in eugenics with an interesting problem; the fact itself is one frequently borne in upon the teachers.

“The students who went up for the B.A. of 1912 were another good class, and their success was the chief feature of the examination results in history. We have never done better. Of 37 who appeared for the examination only one failed, while nearly twice as many passes were obtained in the first class as in the third. Of the first eleven places in the Presidency eight (including first, second and fourth) were taken by students of the college and the two University prizes open to one competition were both secured. It is satisfactory that our connection with the old B.A. course should have closed upon this note.

“During the present term, I have been delivering a course of University lectures on Anglo-Saxon Federation to the honours students of the Christian and Presidency colleges; about half the course bore on the subjects entering into the M.A. examination and these lectures were attended by several M.A. students.

“In conclusion, I wish to thank Mr. Green and the Assistant Professors, Messrs. Rangachari and Duraiswami for their valuable assistance in the work of the classes throughout the year.”

The Acting Professor of English (Mr. J. M. Hunter) writes:—“The work of the year, Intermediate, pass and honours B.A., was, as a whole, quite satisfactory. The University examination results of 1911–12 were good and there is reason to hope that the results of 1912–13 will be equally good. The Third Year Honours Class at the close of the year consisted of twenty-one students besides several Post Graduate students reading for the M.A. Degree under the old Regulations.

“The Inter-collegiate system of lectures (the Presidency and Madras Christian colleges), instituted last year was continued, and was in some respects further developed. The removal of the history classes to the new block has set free the rooms formerly occupied by these classes for English work, and the department of English has now two large lecture rooms, two smaller lecture rooms for honours, an honours reading room and private rooms for the Professors and staff.

“The class library (honours) has been provided with a card catalogue, and a catalogue is being prepared for the press.”

The Professor of Botany (Mr. P. F. Fyson) writes:—“A new class, that of class IV in both honours and pass took the place of the old B.A. Senior. This opened with eleven students.

“Students for whom botany is to be a subsidiary subject were not required to attend botany classes during this year, but all except one, who is taking zoology, did. I pointed out to them that the courses would not do them any harm, that they would learn something, though not of direct use in the examination, and it says a good deal, I think for their attitude towards knowledge and the use of a University training that they attended the lectures and practical work in these courses.

“Classes I and II have been taken by the Assistant Professor, and I would here record that from what I have seen of their papers in the terminal examination his work has been very satisfactory. They have been taken in the new room, but at some inconvenience for no furniture has as yet been provided, though promised some months ago, and use has had to be made of small examination tables which are unsteady and quite unsuitable for practical work. I called attention to this last year, and trust that before another year is over, this may be remedied.

“A large new book case ordered last year and only complete by the end of March, has been set up and is already full. The convenient placing of its doors has proved very useful. Two important additions have been made. Early in the year, I heard that the librarian of the Connemara Library was proposing to Government to discontinue taking the *Botanical Magazine* issued from Kew. As it gives coloured illustrations of flowers, and the series has run for over 100 years, of which the library had from 1845, I thought it would be worthwhile taking it in at this college. I therefore applied to have the back numbers transferred here and to continue the series here. Sanction was given and I have found the figures of great use in illustrating the families as they are done in class. The second addition referred to was that of *Paxton's Magazine*, also a series of illustrations in colour. This has been used like the other for demonstration purposes.

“A set of new microscopes was obtained under a special indent and replaced as many old ones. Ten of the latter have been transferred at my suggestion to the Teachers' College, Saidapet.

“Provision has been made, by an opening in the roof, and a staircase leading to it, for the growing of plants in the open sunlight, and I have been able to use this in the investigation of the effect of light on the position taken by creeping stems and branches. A dark room has also been added, and proved useful for experimental work in the classes.

“A start has been made with the publication of a Botanical Bulletin. I was in hopes at the commencement that it would lead eventually to a regular publication of information or record of work done such as is issued by many University colleges. For the present the work has come to a standstill owing to the inability of the Survey Office to continue making the illustrative blocks.”

The Professor of Chemistry (Mr. W. E. Smith) writes:—"The work of the Chemical department is bound to be hampered until we receive an extension of our existing accommodation. The proposals which I made three years ago are still under consideration and, so far as I know, they have not received administrative sanction: the plans are at present being scrutinized by the Consulting Architect to Government. Under these conditions the practical instruction which we are able to give more particularly to the Intermediate students, is very far from satisfactory: the first and second year students have been working in pairs throughout the year: unfortunately the deficiencies in the practical training of these students are concealed to some extent by the fact that the University does not test them by a practical examination.

"A good deal of new apparatus has been purchased and brought into use for the new courses: and the Library has been greatly strengthened during the year by the purchase (with the aid of a special grant) of back numbers of the 'Journal' of the London Chemical Society and the 'Berichte' of the Berlin Chemical Society: but there is now practically no space available either for bringing new equipment into use or even for storing it.

"The 3rd and 4th year classes (pass and honours) have to be restricted in number owing to lack of space. The 4th year class of 1911-12 was distinctly above the average: none of the 15 students failed in chemistry in the University examination of 1912: one secured the only first class and 9 were placed in the second class. The 4th year class of 1912-13 has done good work during the year.

"I have had occasion before to refer to the difficulty experienced in finding technical posts (as distinct from teaching posts) for our passed chemistry students. This year I have been fortunate in placing one M.A. student and one 4th year student: they will take up posts in May as analysts in the Madras Portland Cement works. With a view to encouraging students to take an interest in industrial work, several of them have been afforded opportunities of carrying out various simple technical investigations (e.g. water, coal, cement, kerosine oil, transformer oils, flue gases). I hope to follow up this work next year by a course of lectures with practical work on 'Indian fuels'.

"Dr. Simonsen has published during the past year a note on 'Some Derivatives of Oxylene' and with Dr. Cain 'Experiments on Santalin, Pt. I' in the Journal of the Chemical Society and has several other researches nearing completion. Assistance has also been given to the Chemical Examiner in devising methods for testing for pinene in turpentine oils, and for detecting the poisonous principle of 'Cerbera Odollam'. Dr. Simonsen remarks that the lack of interest in research of post graduate students is much to be regretted and until advantage is taken of the facilities offered the chemical training in this college cannot attain a high standard."

The Professor of Geology (Mr. Murray Stuart) writes:—"At the beginning of the year under report the structural alterations in the geology laboratory were completed and it was thrown open to the use of the students. An additional room was also placed at the disposal of the department for microscope work.

"This year for the first time students entered the department for the pass B.A. courses under the new regulations and there are now eight pass students in the junior class, two of whom only are taking geology as their main subject. Only one student was entered in the honours courses taking geology as his main subject, and five taking it as their subsidiary subject.

"The progress of the three honours students in the 4th University year class has been satisfactory.

"Among the students from this college that sat for the B.A. examination in 1912, there were no failures in geology although no one obtained a first class, a fact which, in my opinion, is due to students coming directly to the final courses in geology without any previous knowledge of the subject and consequently without any grounding. The same is the probable explanation of the exceedingly small number of students who select geology as their subject particularly in the pass courses."

The Professor of Mental and Moral Science (M.R. Ry. A. Subrahmanya Aiyar) writes:—"Regarding honours instruction in philosophy, I may be permitted to state that those that pass the B.A. Degree examination this year will become eligible for admission into the post graduate honours class, and a class may be expected to be formed next July of such of them as may choose to prosecute their studies for the

honours degree. I have made provision in the time table for their instruction. Inter-collegiate lectures in advanced logic and advanced ethics have also been arranged with the Madras Christian college.

"The class library was well used by the students during the year under review. I beg to bring to your notice that, in view to the fact that the honours classes will soon come into existence, it will be necessary to vote a special grant of money for philosophy over and above the usual annual grant. I shall soon prepare a special indent of books for submission."

The Professor of Zoology (M.R. Ry. K. Ramunni Menon) writes:—"The work of the classes has been going on as usual. As in the previous year, a larger number of those taking zoology as their main subject for the B.A. have entered for the honours course than for the pass, the numbers being 4 and 3 respectively.

"Ten appeared for the B.A. examination in April 1912; of these, 8 passed with one in the first class who was also the first in the zoology list. This student intends to go to England shortly to continue his studies there. Of the two who appeared for the M.A., one passed.

"From October to December and on some days in January to February, I delivered a University course of lectures on embryology. The course was attended by the M.A. and the 4th and 3rd year honours students in zoology belonging to the Christian college and our own. The course occupied more than 50 hours which appears to be about twice the average period of the University course of lectures. However the time was fully utilised, and the comparatively large number, 14 altogether, of students attending and the special circumstances under which the course was undertaken rendered it possible to cover a good amount of practical work which generally does not fall within the scope of ordinary zoological courses. In conjunction with the Professor of Zoology in the Madras Christian college, it is intended to continue the system of Inter-collegiate lectures next year and this arrangement will obviate unnecessary duplication of work.

"Lecturing and laboratory work and the necessity to attend to all sorts of details relating to laboratory equipment and management preclude, at present, the possibility of my carrying on any investigations demanding long and uninterrupted attention. What time it is possible to spare, however, is being devoted to collecting marine organisms, especially medusae, which it is my hope to be able to work up some time, and also to making observations on various marine larvae and trying to keep them alive in the laboratory with a view to determine their adults. These observations are admittedly limited in scope and very modest in their aim. They are not yet complete, but so far, the results obtained are encouraging."

The Acting Professor of Sanskrit (M.R. Ry. S. Kuppuswami Sastri) writes:—"The actual work of the year in the Intermediate and the Sanskrit honours classes appears to me to be very encouraging. There was a noticeable increase during the year under report in the strength of the first year Intermediate Sanskrit class and of the third year honours Sanskrit class. In regard to Part II (Sanskrit) translation and vernacular composition of the intermediate course, I had numerous occasions to note that many students were labouring under certain real disadvantages on account of the utterly inadequate character of the provision made for the study of Indian languages in their school final course.

"The bulk of the fourth year honours work relating to the special and the general parts fell to me, besides a portion of the work in the third year honours and the Intermediate classes. The Assistant Professor attended to a portion of the fourth year honours work relating to the special part and to a considerable portion of the third year honours work relating to the general part and of the work in the Intermediate classes. The Sanskrit Master also attended to a portion of the work relating to the general part of the third and fourth year honours classes. I feel considerably satisfied with the rapid progress made by the honours students and the keen interest they evince in their work is full of promise for the future of the Sanskrit honours course. Owing to the insufficiency of the staff, I found it necessary to take advantage of the accidental circumstances of the Acting Malayalam Master Mr. K. Venkateswara Sastriar—being also a good Sanskrit pandit and gave him seven hours Sanskrit work, mainly in connection with the general part of the third year honours class. I shall be failing in my duty if I omit to mention that the Malayalam Master did most cheerfully and admirably well the Sanskrit work which was entrusted to him in

addition to his legitimate work relating to the Malayalam composition and that it would be highly useful if some arrangement could be made to retain him on the staff."

22. *General*.—The thanks of the College are due to the Hon'ble Sir Alfred Bourne, K.C.I.E., F.R.S., for his gift of numerous publications on Natural Science.

In conclusion, I have to thank the Professors and other members of the staff for services willingly and efficiently rendered.

APPENDIX A.

I.—Distribution of students according to caste or race.

Europeans and Eurasians	27
Indian Christians (Non-Panchamas)	13
Muhammadans	12
Hindus { Brahmans	446
Non-Brahmans	84
Total	582

II.—Distribution of students according to wealth.

Richer classes	44
Middle classes	502
Poorer classes	36
Total	582

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

Officials	307
Petty officials	16
Landholders	168
Traders	26
Others	65
Total	582

APPENDIX B.

Distribution of students according to districts to which they belong.

Districts.	I	II	III Hon.	III Pass.	IV Hon.	IV Pass.	M.A.	Total.
Anantapur	..	..	..	..	..	2	..	2
Arcoot { North	8	7	1	4	3	2	1	26
South	4	2	1	2	5	3	1	18
Bellary	..	..	2	1	..	..	..	3
Canara, South	..	3	3	6	3	7	3	25
Chingleput	..	7	7	4	1	3	..	22
Coimbatore	..	7	4	5	10	2	4	31
Cuddapah	..	1	..	..	..	..	..	1
Ganjam	..	..	..	5	..	..	2	9
Godavari	..	4	3	2	9	5	4	28
Guntur	..	1	2	1	2	1	1	10
Kistna	..	3	5	3	5	3	..	20
Kurnool	..	3	2	..	..	1	1	7
Madras	..	20	31	4	3	3	5	70
Madura	..	2	4	..	9	3	2	15
Malabar	..	5	3	6	13	6	11	45
Nellore	..	2	4	1	2	..	..	9
Ramnad	..	..	..	1	1	..	1	4
Salem	..	..	1	2	1	1	4	10
Tanjore	..	18	16	15	26	14	5	101
Tinnevely	..	3	6	4	5	2	3	29
Tiruchinopoly	..	2	..	..	3	3	..	15
Vizagapatnam	..	2	3	2	2	1	2	14
Cashmere	..	..	1	..	..	..	..	1
Cochin	..	2	2	11	8	2	3	29
Coorg	..	..	..	..	..	1	..	1
Hyderabad	..	1	..	1	..	..	..	2
Mysore	..	3	3	7	5	5	2	27
Pudukottah	..	2	..	..	..	1	..	3
Tiruvannamalai	..	..	1	..	..	4	2	7
Total	102	112	72	119	58	81	38	582

APPENDIX C.

Results of the University Examinations, 1911-12.

Examinations.	Number applied.	Number examined.	Number passed.				Percentage passed from College.	Percentage for the University.
			I	II	III	Total		
Intermediate	110	107	28	34	..	62	58	43.5
B. A. (Hon.) Preliminary	60	60	..	..	..	60	100	100
<i>B.A. Degree Examination.</i>								
English	174	167	5	54	80	139	88.2	56.4
Tamil	21	2.1	..	6	14	20	..	..
Telugu	18	1.8	1	13	2	16	..	..
Canarese	4	4	..	1	2	3	..	..
Malayalam	34	34	..	5	21	26	..	..
Sanskrit	69	6.8	4	41	16	61	..	..
Latin	3	3	1	1	1	3	..	..
Total	149	148	6	67	56	129	80.7	82.3
<i>Science Division.</i>								
Mathematics	32	31	3	11	8	22	..	..
Physics	29	29	2	11	7	20	..	..
Chemistry	15	15	1	9	1	11	..	..
Botany	16	16	..	7	6	13	..	..
Zoology	11	10	1	6	1	8	..	..
Geology	12	12	..	7	3	10	..	..
Mental and Moral Science	16	16	1	12	1	15	..	..
History	37	37	8	23	5	36	..	..
Total	168	163	16	87	32	135	82.8	61.4
<i>M.A.</i>								
English	3	3	..	1	2	3	..	..
Mathematics	6	6	..	1	1	2	..	..
Chemistry	2	2	..	..	1	1	..	..
Zoology	2	2	..	..	1	1	..	..
Botany	1	1	..	..	..	..	..	..
Total	14	14	..	2	5	7	50	36.5

R.C. No. 3559/13, dated 13th June 1913.

Recorded.

2. The report is as usual full and interesting.

3. Government have since approved of the construction of the new Chemistry block.

4. The Principal's suggestion in paragraph 18 cannot, in existing circumstances, be given effect to.

5. The working of the College during the year and the results of the various University examinations were very satisfactory.

(True Extract.)

A. G. BOURNE,
Director of Public Instruction.

To the Principal, Presidency College, with spare copies.

.. Principals of other Government Colleges.

Copy to Government with C.I.

No. 629, EDUCATIONAL, 4TH JULY 1913.

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(True Extract.)

W. FRANCIS,
Ag. Secretary to Government.

To the Director of Public Instruction.
Editors' Table.

$$\left[\frac{\text{E. \& L.}}{74.} \right]$$

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To the Director of Public Instruction

Editors' Table.

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