Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd. } 1907. *Enclosures*

Regd. *Spare copies*

G.O., No. 378, 15th June 1907.

Presidency College.

Recording the Proceedings of the Director of Public Instruction reviewing the report on the working of the — for the year 1906.

Educational (1907) Department.

ORDINARY PRINTED.

G.O., No. 378

DATED 15th June 1907.

[Despatch Abstract.]

Presidency College

Recording the proceedings of the Director of Public Instruction reviewing the report on the working of the — for the Year 19 .

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

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GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper:—

Letter—from the Hon'ble Mr. T. T. Logan, B.A., Acting Director of Public Instruction.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 11th May 1907.
No.—Cur. No. 3544.

I have the honour to submit, for the information of Government, a copy of my Proceedings, Dis. No. 2760, dated 7th instant, reviewing the report on the working of the Presidency College for the year 1906.

Enclosure.

Proceedings of the Director of Public Instruction, Dis. No. 2760, dated 7th May 1907.

Read—the following paper:—

Letter—from H. J. Allen, Esq., M.A., Acting Principal, Presidency College, Madras.
To—the Director of Public Instruction.
Dated—the 26th March 1907.
No.—155.

I have the honour to submit my report on the working of this College during the year 1906.

2. *Changes in the staff.*—During the year the College has suffered severely from the death, illness, or retirement of members of its staff. Mr. J. B. Bilderbeck, the Principal and Professor of English, who in 1905 went on furlough to England, retired from the service from the 30th May, and with him the College lost one who had never failed to spend himself in its interests. In the vacant Principalship I continued to act, while Mr. H. S. Duncan was confirmed as Professor of English. From the 17th August—19th December 1906 inclusive, Mr. Littlehailes, the Professor of Mathematics, who had been attacked by typhoid fever was on leave on medical certificate. In his absence the mathematical work was carried on by rearrangement between the Assistant Professors.

During the Christmas holidays Mr. Fyson also, the Professor of Biology, was struck down by the same disease and he is at present absent from duty; he has been granted furlough on medical certificate from the 24th December in combination with the midsummer vacation.

In the death of Dr. Sathianadhan, the Professor of Mental and Moral Science, in April during his absence on furlough the cause of Indian education suffered a loss to which testimony has been borne elsewhere. But the circumstances of his death and the fact that he was returning from a tour which had doubtless enriched his wide acquaintance with our Indian problems by contact with American educationalists add a special poignancy to our loss. The vacant professorship was filled by the confirmation of M.R.Ry. S. Mangesh Rao who had been acting in that appointment.

On April 1st Mr. Messinier, the Junior Professor of English, retired from the service, but, to the great regret of the College, survived his retirement by only a few weeks. Mr. T. R. Scott was permanently appointed as his successor and took over charge on 31st March (afternoon).

From 31st July—29th October (afternoon) M.R.Ry. M. Rangachariyar was on privilege leave on medical certificate. M.R.Ry. R. Krishnamachariar, the Sub-Assistant Inspector of Sanskrit Schools, acted for him and took charge on the 27th August (afternoon).

M.R.Ry. L. A. Ganapati Aiyar, the Acting Fifth Junior Assistant Professor was, on transfer to Rajahmundry College, relieved on the 31st January 1906 (afternoon). In his place Mr. A. Vas, the Latin Master, was appointed to act, while M.R.Ry. K. Natesa Aiyar, the Malayalam Master, acted as Latin Master. This brought in M.R.Ry. A. Chakravarti from the Accountant-General's office to act as Malayalam Master.

M.R.Ry. T. Vaidyanatha Aiyar, the Clerk of the College, was transferred as Head Clerk to the office of Inspector of Schools, sixth circle. He was relieved on the 1st May 1906 (forenoon) by M.R.Ry. V. Atmanadha Aiyar, the clerk of Kumbakónam College, appointed sub. *pro tem.* in the vacancy.

The librarian M.R.Ry. T. S. Srinivasa Aiyangar was from the 16th February—30th April 1906 on privilege leave and from the 1st May on nine months' furlough. In his place M.R.Ry. M. Rama Aiyangar, a clerk in the office of the Director of Public Instruction, was appointed to act and joined duty on 16th February (forenoon).

3. *Accomodation and equipment.*—During the summer vacation the building operations in connection with the extension of the College referred to in last year's report were started and having been vigorously pushed on are now approaching completion. A serviceable counter has been erected in the library.

One hundred and fifty sets of drawing apparatus were received towards the end of the year which have been divided between the Professors of Physics and Mathematics for the use of their classes.

Nothing has yet been done, I regret to say, to inclose more effectually the College grounds and playing fields and they remain practically at the mercy of the local population.

4. *Strength and attendance.*—The following statement shows the number of students on the rolls in the first and second terms of 1905–1906:—

Classes.	1905.		1906.	
	First term.	Second term.	First term.	Second term.
Class I	55	49	54	55
,, II	71	69	69	66
,, III	175	170	119	107
,, IV	179	187	188	204
M.A. Class	23	21	21	19
Total ..	503	496	451	451

At the end and during the course of the first term 26 students left, while in the second term 26 were admitted and 2 left.

The average number on the rolls for the year 1906 was 435·01 and the average daily attendance was 405·39.

The marked decrease in the strength of class III is to be explained mainly by the results of the F.A. examination of 1905, as will be seen from the following table:—

F.A. examination.	1904.	1905.
Candidates registered	2,465	2,279
Failures	1,450	1,546
Absent	35	43
Passes	980	680

The same cause will of course affect the strength of class IV in 1907.

5. *Distribution of students.*—Appendix A gives the distribution of students on the rolls on 31st December 1906 according to (i) caste or race, (ii) wealth of parents, (iii) occupation of parents.

It will be seen that the non-Brahman Hindus have slightly increased and that despite the diminution in our total strength the sons of "others" have risen from 97 to 107.

Appendix B shows the distribution of students according to their districts. The large number of those from Malabar who join our senior department continues to be a gratifying feature; there were actually nine more students from this district in our B.A. and M.A. classes than from Tanjore.

Appendix C gives the numbers of those studying the various second languages.

6. *Science divisions.*—The following statement shows the number of students in the several Science divisions. History, it will be seen, is still the most popular subject with Mathematics ranking next. The views of the Professor of Mental and Moral Science on the striking fall in that subject are given elsewhere.

—	Class III.		Class IV.	
	First term.	Second term.	First term.	Second term.
Mathematics	26	23	29	32
Physics	18	18	18	23
Chemistry	10	8	13	14
Botany	14	10	9	9
Animal Physiology	..	..	1	..
Zoology	4	3	8	10
Geology	12	12	15	15
Mental and Moral Science	7	6	22	24
History	42	41	43	43
Total	133	121	158	170

Of the 121 students in the Science divisions of class III, 19 were reading languages in class IV and of the 170 in class IV, four attended the language lectures of class III.

There were 38 students taking languages only in class IV.

7. *M.A. students.*—The nineteen students reading for M.A. in the second term were distributed as follows:—

Mathematics	2
Physics	7
Chemistry	6
Botany	2
Zoology	1
History	1
Total	19

8. *Library*—(i) *The General library.*—During the year 4,835 volumes were issued to students as against 5,631 in 1905. They were distributed as follows:—

Subject.	1905.	1906.
History and Economics	1,319	1,480
Biography	145	134
Travels	14	13
Fiction and Literature	3,033	2,422
Mathematics and Science	872	571
Philosophy	248	215

On the other hand the consultations in the room from the General library numbered 3,026 as against 1,801 in the previous year and 714 in 1904. This large increase was due undoubtedly to the library hours kept by the two History classes

throughout the year. It is to be observed too that this reading in the library seems to have stimulated home reading since while nearly 800 fewer books were taken out in 1906 than in the previous year the History and Economics section shows an increase of over 160. That the library hours then fulfilled the object with which they were instituted—of calling the students' attention to the books at their command cannot, I think, be questioned.

To members of the staff 501 volumes were issued in 1906 as against 654 in 1905.

(ii) *The Consulting library.*—Here the number of consultations was as under—

	1905.	1906.
Class I	828	583
„ II	1,493	1,110
„ III	2,578	1,977
„ IV	2,956	2,748
M.A. students	252	244
Members of the staff	238	147
Total	8,345	6,809

These figures appear to show a serious decline, but it is impossible with our present staff to keep an accurate record of the consultations. This part of the library has to be left to the peon who is often called away elsewhere with a result that books lie about and many consultations are probably not checked.

In this connection I may mention that during the year I applied for the services of an Assistant Librarian partly because the general work of the library already taxes the capacity of our staff of a single librarian and a single peon, partly because I had hoped to extend the library hours to classes other than the History. I regret I was unable to convince Government of the necessity, and I have had accordingly to diminish considerably the work of the History classes in the library and to abandon a scheme I had for turning the large lecture room upstairs, soon to be left available by our new buildings, into a library annexe. This would have given us room for our books downstairs and upstairs for our readers.

During the year 422 books or parts of works were added to the library. The question of accommodation led to a move from the north to the south side of the college and the library is now located in the former hall which is in every way, I think, a more suitable room. Here a library counter (as already mentioned) has been erected.

A third supplement to the catalogue containing the books received between January 1st, 1901—January 1st, 1906 was prepared and issued in the year.

The former library, I may add, has been fitted up with chairs and tables and is utilised by the Professor of Mathematics for his classes in practical work.

9. *College examinations.*—(1) The annual examinations were held as usual in December and on their results promotions from classes I and III were awarded with due care as is shown in the following table:—

Class.	Number examined.	Number promoted.
Class I	55	47
Class III—		
English division	102	89
Second Language division	102	88
Science division	102	90

(ii) The College scholarships and prizes were awarded as under :—

The Thompson scholarship	S. Venkataramamurti.
The Senior Subrahmanya scholarship	K. Virasawmy.
The Lord Elphinstone prize	V. S. Sundaram.
The Bourdillon prize for Tamil	V. Muthuswami.
The Bourdillon prize for Telugu ...	M. Balarama Reddi.
The Maharaja of Travancore's prize	K. Govinda Menon.
The Maharaja of Vizianagram's prize	T. G. Sankaran Nayar.
The Arbuthnot prize	T. M. Kelu Nedungadi. D. B. Krishnamurti.
The Gordon prize	K. Achyuta Menon.
The Senior Thomson prize	R. Srinivasan.
The Junior Thompson prize	M. Subba Rao.

The Oppert, Innes and Kunjambu Nambiyar prizes were, on the ground of insufficient merit, not awarded and for the Powell and Morehead Vernacular prize, there was no competitor.

By Government notifications Nos. 60 and 61 (*Fort St. George Gazette* of May 22nd, 1906), the Innes and Kunjambu Nambiyar endowment funds were vested in the Treasurer of Charitable Endowments and some slight changes were introduced into the conditions of award.

10. *University Examinations.*—The results of the University examinations of 1906, so far as they affected the College, are given in Appendix D and Appendix E.

In the F.A. examination only one student of the College obtained a 1st class and the results were otherwise far from satisfactory though the Presidency as a whole fared little better. Mathematics and History were the subjects in which the greater number of failures took place. As regards the first the work of the class was necessarily disorganised to some extent by Mr. Littlehailes' illness, while the students' idea that History can be crammed up in the last month or so appears chiefly responsible for the disasters in that subject. Here the students received the same lectures in quantity and quality as their predecessors and, unless the examination was unusually stiff or the class unusually bad, there seems no reason why better results were not obtained.

The poor quality of the class is however further suggested by the fact that 17 students in it—more than a quarter of the total—had already appeared for the examination and failed. Of these 17, only three succeeded in passing on the present occasion. These failed students are usually the least satisfactory element in a college, and the question of their admission is a highly debateable one—rendered still more difficult by the new regulations of the Madras University. On the one hand, there seems little reason why we should fill our classes with those who have already shown themselves unable or unwilling to assimilate the instruction provided, and who, as shown in the above results, will probably continue incapable; on the other, old students of a college may be deemed entitled to the consideration of "another chance", as accommodation may not be forthcoming elsewhere.

In my recent admissions I have adopted certain principles which reconcile, so far as may be, these conflicting views and satisfy the legitimate claims of former students without, it is hoped, impairing the quality of our classes: the failures of other colleges are not save in very special circumstances admitted, while of our own students those who fail twice or who fail hopelessly are not taken back. In this way, I trust, the circulation in our classes will be maintained in a healthy condition.

Turning to the B.A. examination the results may, I think, be described as decidedly good, since in no case are they below, while in most subjects they are far above the percentages for the Presidency. In the Science Division we obtained first classes in Mathematics—3, Chemistry—2, Zoology—1, Geology—1, Mental and Moral Science—1, History—3. Of the second languages Kanarese provided 1 and Latin 2, while in each of these our pass figure reached 100 per cent.

In the M.A. Degree examination, 4 (first class—1, second class—1, third class—2) out of 5 candidates passed in Branch II-A and one out of four candidates in Branch II-B.

In Branch I, two students and in Branches III-C and V one student apiece appeared from the college, but were not successful. In this connection I may mention that the first place in the recent examination for the Mysore Civil Service was taken by an ex-student of the Presidency College.

University Prizes.—The following distinctions in the Madras University have been obtained :—

The Arni Gold Medal in Physics.
" " " " in Chemistry.
The Pitti Muniswami Chetti Gold Medal.
The Marsh Prize.
The Grigg Memorial Medal.
The Pulney Andy Medal.
The Bysani Madhava Chetti Gold Medal.
The Cromarty Prize.

11. *Fees.*—In the first term 109 students and in the second 93 paid their fees by instalments.

12. *Finance.*—The following statement shows the receipts and charges during the years 1905 and 1906 exclusive of the charges on account of scholarships and buildings :—

	1905. Rs. A. P.	1906. Rs. A. P.	
Receipts.			
Fees	45,576 6 3	40,080 5 0	*
Charges.			
Principal, Professors and Assistant Professors.	1,12,992 8 3	1,11,349 15 2	†
Masters and Teachers ...	6,352 2 9	7,295 8 0	‡
Establishment including Clerk, Librarian and Mechanic.	5,328 5 2	5,199 9 8	
Demonstrators	750 0 0	650 0 0	
Travelling allowance	1,060 6 8	176 8 0	
Library and class books	2,401 2 11	1,715 9 9	
Apparatus, laboratory charges and Europe stores.	5,301 5 8	5,856 10 1	§
Furniture purchased or repaired ...	219 0 10	258 3 9	
Rents, rates and taxes	2,786 12 2	3,152 4 0	
Other contingencies	796 2 6	878 4 4	
Printing at private expenses ...	38 0 0	...	
Total ...	1,38,025 14 11	1,36,532 8 9	

13. *College Council.*—Four ordinary meetings were held during the year—two in January to make promotions on the results of the annual examination, one in March to award the endowed scholarship and prizes, and one in September to draw up the list of holidays and vacations for 1907. In addition a special meeting was held in April to pass a vote of sympathy with the family of Dr. Sathianadhan.

* Includes library fees and fines Rs. 45-12-0 and sale-proceeds of catalogues Rs. 4-8-0.

† After deducting Rs. 9 subsistence allowance. ‡ After deducting Rs. 1-8-0 subsistence allowance.

§ Includes Rs. 180 batta to students but has been arrived at after the following deductions: sale-proceeds of distilled water, Rs. 3; contribution from the College of Engineering and the Board of Revenue for gas supplied, Rs. 146-10-7; value of medical stores returned, Rs. 7-3-0.

14. *Games and Athletics.*—During the year Mr. P. F. Fyson was the Honorary Secretary of the Athletic Association.

In the Madras Collegiate Athletic Association competitions the College was remarkably successful—in fact, it almost "swept the board". The cricket club won both the Professors Cup (matches 10, won 7, walked over 3) and the Pennycuick Trophy (3 matches played and won). It also beat a team of the Madras Cricket Club.

In football we carried off the inter-collegiate competition with a record of 10 matches played, 9 won, 1 drawn and 31 goals against 1.

The other football tournament, that for the cup offered by the Presidency College, has not yet been decided as I write.

The hockey competition also fell to us (matches 8, won 7, drew 1).

Thus in cricket, football and hockey we went through the season without the loss of a match.

Athletic sports were carried through successfully in September.

15. *College Societies.*—During the year the numbers in the Literary Society continued large, and both public and ordinary meetings were held. The Historical Association regained its vigour and had over 50 members in the second term; several essays were contributed. The Philosophical Association also is reported to have worked satisfactorily throughout the year. Natural Science too contributed its quota to our College societies. The Botany, Zoology and Geology students formed an association which held meetings for discussion and made an excursion to St. Thomas' Mount to encourage collections.

16. *Residence of students.*—In the second term 135 students were living in the Victoria Hostel, 204 with relatives or guardians and 99 with fellow-students. The lodgings of these last were systematically inspected during the course of the term by the Assistant Professors and five or six students were called on to change their rooms.

17. *Madras Educational Rules.*—These rules so far as they apply to the College (*i.e.*, chapter VIII, Madras Educational rules, 5th edition, 1906) have been observed and the registers have been properly kept.

18. *Service registers.*—The entries have been verified to the end of 1906.

19. *Professors' reports.*—The Professor of Chemistry complains of promotions in Branch II-A being made without reference to him, and considers that the results of the M.A. examination in II-B "afford a fresh illustration of the impossibility of educating students to this standard with the inadequate staff provided".

The Professor of Physics calls attention to the fact that, for the first time since the regulations came into force over twenty years ago, a first-class in the M.A. Branch II-A has been obtained, and by a student of the college. Another interesting feature of his report is his account of the occasional discussions he has introduced among the M.A students in Physics and Chemistry. These are held in connection with the students' laboratory work, and at them papers are read giving an account of any novel features that may have been observed in its course. "The one (unwritten) rule about these meetings is that the matter under consideration must be directly connected with their practical work and within the experience of the reader; mere accounts of the work of others are not allowed. Four such meetings were held during the year. At the first meeting S. Muthuswami gave an account of his work in determining ionic velocities, and a demonstration. At the second meeting (i) Appa Rao explained certain anomalies he met while working with the copper voltameter, (ii) Venkataraman gave an account of his work on diffraction, and a demonstration. At the third meeting Muthuswami exhibited the means by which he prepared argon and gave an account of the method; at the fourth meeting Ramaswami Aiyangar showed one of the methods used to trace the course of a chemical reaction and the results he obtained by its use. A paper embodying Venkataraman's work was published in the *Philosophical Magazine*, and a note on some work by Venkataraman and Appa Rao on vibrating strings appeared in *Nature* during the year".

The Professor of English describes class III as a good one; the students availed themselves of the advantages of the library and made gratifying progress. The size of class IV made it impossible to keep in touch with many of its members. Of the first four students in the second class in the B.A. examination three, he notes, belonged to the College, while a lady student ranked close at hand.

The Professor of Mathematics reports that practical work is now carried out in several classes, but that the full course proposed cannot be undertaken unless a demonstrator is provided for whose services a special report has been submitted to the Director. In the B.A. examination the only first classes awarded were taken by the College.

Mr. Fyson's illness unfortunately renders a report from him impossible, but the Senior Assistant Professor has furnished one in his place. He notes that a first class in Zoology was again, after an interval of some years, secured by the College; that the botanical collection was increased by a set of wood blocks from Coimbatore, while a set of mineralogical slides from Europe was added to the geological section. Regular dredging for marine specimens for the Class Museum was suspended during the greater part of the year as not yielding interesting results, but as soon as the Marine Aquarium is ready it is hoped to resume operations.

Two geological excursions were made—the first in charge of Mr. Fyson and the Assistant Professor to Salem and Coimbatore for mineralogical and petrological observation, the other to Nellore where under M.R.Ry. H. Narayana Rau's guidance the students investigated mica mines.

The Professor of Mental and Moral Science calls attention to the decrease in the number of students reading Philosophy and explains it by "the sudden awakening of a desire for improving the industries of the country and the notion that the study of the physical and natural sciences will somehow help in this industrial regeneration, combined with the idea which generally prevails that the study of Philosophy serves no useful purpose in practical life". He also thinks that the severity of the examination in recent years has augmented the disinclination of the students for "a subject which strains their powers to the utmost".

The Professor of Sanskrit reports that to his knowledge "all the Second Language Masters have been doing their duties with zeal and earnestness" as proved by the results of the College and University examinations. He notes afresh the greater severity of Sanskrit as a test, and quotes with apparent approval a remark of the late Mr. G. H. Stuart to the effect that the high percentage of passes secured in the South Indian vernaculars indicates either that the examinations are particularly lax or that there can be little of adequate difficulty in their literatures.

In conclusion I wish to offer my thanks to Mr. Mark Hunter for his assistance in valuing, yet again, the essays sent in for the Arbuthnot Prize, and to my colleagues and the members of the staff for their co-operation in the work of the College.

Appendix A.

(i) Distribution of students according to caste or race.

Europeans and Eurasians	8
Native Christians (Non-Panchamas)	6
Muhammadans	5
Brahmans	339
Non-Brahmans	91
Total ...	449

(ii) Distribution of students according to wealth.

Richer class	53
Middle ,,	376
Poorer ,,	20
Total	449

(iii) Distribution of students according to the occupation of parents or guardians.

Officials	200
Petty officials	4
Landholders	122
Traders	16
Others	107
Total	449

Appendix B.

Distribution of students according to districts.

Districts.	Junior F.A.	Senior F.A.	Junior B.A.	Senior B.A.	M.A.	Total.
Anantapur	1	..	..	..	..	1
North Arcot	2	2	1	7	..	12
South do.	1	2	1	3	..	7
Bellary	..	..	4	3	..	7
South Canara	2	4	5	12	1	24
Chingleput	5	3	4	5	..	17
Coimbatore	..	5	7	3	1	16
Cuddapah	..	1	..	..	..	1
Ganjám	..	..	1	4	..	5
Gódávari	1	2	3	6	2	14
Guntúr	1	..	..	..	1	2
Kistna	..	2	4	5	..	11
Kurnool	..	..	1	1	..	2
Madras	11	7	6	13	..	37
Madura	2	..	6	12	..	20
Malabar	5	4	18	43	2	72
Nellore	1	4	1	3	..	9
Salem	3	1	2	4	..	10
Tanjore	12	16	17	28	9	82
Tinnevelly	2	1	6	14	3	26
Trichinopoly	3	6	5	8	..	22
Vizagapatam	1	1	3	2	..	7
Cochin	..	..	7	13	..	20
Coorg	..	1	..	..	..	1
Jaffna	..	..	2	..	..	2
Mysore	2	2	1	8	..	13
Pudukkóttai	..	..	..	2	..	2
Travancore	..	1	..	5	..	6
Europe	..	..	1	..	..	1
Total	55	65	106	204	19	449

Appendix C.

The following statement shows the number of students studying the various second languages:—

Tamil	88
Telugu	54
Canarese	18
Malayalam	64
Sanskrit	144
Persian	1
Hindustani	1
Latin	9
French	1
Total	380

Appendix D.

Examinations—Results of the University Examinations—December 1906.

Presidency College.

—	Applied	Examined.	Passed. First class.	Passed. Second class.	Passed. Third class.	Passed. Total.	Percentage passed from the college.	Percentage passed for the whole University.
First Examination in Arts	65	63	1	18	..	19	30	31·4
B.A. Degree Examination—								
I. English Language Division	170	168	...	40	68	108	64·8	48
II. Second Language Division—								
Tamil	31	31	..	13	15	28	90	
Telugu	18	18	..	2	14	16	89	
Canarese	7	7	1	6	..	7	100	
Malayalam	40	40	..	29	10	39	97·5	
Sanskrit	52	51	..	14	25	39	76·5	80·9
Hindustani	..	..	..	..	..	..	..	
Persian	..	..	..	..	..	..	..	
Latin	4	4	2	2	..	4	100	
Total	152	151	3	66	64	133	86·7	
III. Science Division—								
Mathematics	33	33	3	4	6	13	39·4	28·7
Physics	23	22	..	2	11	13	59	36·9
Chemistry	13	13	2	5	4	11	84·6	60·5
Botany	9	8	..	5	2	7	87·5	87·5
Zoology	10	10	1	4	2	7	70	60·0
Geology	15	14	1	8	4	13	93	80·1
Mental and Moral Science	24	24	1	10	10	21	87·5	54·6
History	43	42	3	24	11	38	90	63·4
Total	170	166	11	62	50	123	74	

Appendix E.

Statement giving information regarding the number of students that were examined and the number that failed in different subjects of the First Examination in Arts, 1906.

	Examined.	Failed.
I. English	63	10
II. Second Language—		
Tamil	18	5
Telugu	11	1
Canarese	5	1
Malayalam	5	...
Sanskrit	23	11
Persian	...	...
Hindustani	...	...
Latin	1	...
III. Mathematics	63	31
Physiology	63	22
History	63	32
Deficiency in total marks	...	2
Failed in English only		3
,, Second Language only	...	2

Proceedings, Dis. No. 2760 of 1907.

Recorded.

2. The changes in the staff detailed in paragraph 2 of the report were unavoidable: but it is hoped that with the grading recently effected of officers in the subordinate collegiate service such changes will, in future, be greatly minimised. The Acting Director concurs with the Acting Principal in his estimate of the loss sustained by the college in the retirement of Mr. Bilderbeck and by the cause of Indian education generally in the untimely death of Dr. Satyanadhan.

3. There was a considerable fall in the strength of the college which was mostly confined, however, to the third year class and was due to the poor results of the First Examination in Arts of December 1905. The decrease in the Philosophy section is ascribed by the Professor to the non-utilitarian nature of the subject. The results of the First Examination in Arts of 1906 were poorer than in the previous year, the largest number of failures occurring in Mathematics and History. The Acting Principal's comments made in this connection are noted and the Acting Director trusts that with greater strictness in making admissions and promotions and with more tutorial help being given to the students better results will be secured in future. The college acquitted itself generally satisfactorily in the higher university examinations; and in Branch II-A Physical Science a first class was obtained for the first time by a student of the college since the examination in that subject was instituted.

4. The extracts from the reports of the Professors furnished in paragraph 19 of the report are interesting and the Acting Director notes with pleasure the activity of the students in their post-collegiate course.

5. A great improvement was made during the year in the use of the college library which was largely due to the institution by Mr. Allen of a library class for the students in the History and Economics Section. The extension of this system to the other sections is reported to be held over for want of an assistant librarian. But the Acting Director thinks that to secure the desired good the students should not be left during the library hours under the charge of the librarian but should be under the personal supervision and guidance of their teachers in the several subjects.

8

6. The questions of additions to the staff and to the supply of apparatus and appliances will be taken up in the consideration of the requirements imposed by the new University Regulations. Orders will be passed in separate proceedings on the Principal's communication regarding the employment of a mathematical demonstrator.

7. The Acting Director notes with pleasure the increasing interest taken by the students in athletics and the success achieved by them in inter-collegiate sports and games. The attention of the Executive Engineer, Presidency division, will be invited to the Principal's remarks regarding the delay in the construction of a compound wall.

8. Owing to an increase in the net cost of the college from Rs. 92,450 to Rupees 96,452 and the fall in the average number on the rolls the net cost per student during the year rose from Rs. 192 to Rs. 222.

9. The administration of the college during the year was efficient and creditable to the Acting Principal and the staff.

(True Extract.)

T. T. LOGAN,
Ag. Director of Public Instruction.

To the Principal, Presidency College, with spare copies.
,, Principals of other Government Colleges.
,, Inspector of Schools, III Circle.
,, Assistant Inspector of Schools, Presidency division.
Copy to the Executive Engineer, Presidency division, for information with reference to paragraph 7 of the proceedings.
,, Editors, *Indian Journal of Education* and the *Educational Review*.
,, Government (with C.L.).

Order—No. 378, Educational, dated 15th June 1907.

Recorded.

(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

To the Director of Public Instruction.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 378, EDUCATIONAL, DATED 15TH JUNE 1907.

[SUBJECT.—*Report on the working of the Presidency College during* 1906.]

Previous papers.

G.O., No.	358,	*Educational, dated*	22*nd May*	1906.
,, *Nos.*	680–81	,, ,,	23*rd Oct.*	,,
,, *No.*	695	,, ,,	1*st Nov.*	,,
,, ,,	113	,, ,,	4*th Mar.*	1907.

From the Director of Public Instruction, dated 11*th May* 1907, *No.* 3544.

The report is a record of progress. The general working of the institution appears to be satisfactory. Attention is solicited to the portion marked **A** in paragraph 19 of the Principal's report.

2. The draft placed below is for approval.

K. RANGASWAMI AIYANGAR—30–5–07.

The F.A. classes seem to have done badly. Otherwise the report is good. If, as is said, philosophy is being given up in favour of more material subjects, the cause of industry would seem to be looking up.

C. A. SOUTER—31–5–07.

H. D. TAYLOR—1–6–07.

(1) The office has not noted the reference about the assistant librarian (paragraph 8 of report).

(2) What does the Principal mean by extending the "library hours to classes other than the history."

The application for the assistant librarian was for an admirable Creichton who could assist the boys in every subject under the sun: not a mere physical attendant?

G. S. F[ORBES]—3–6–07.

(1) Please see G.O., No 695, Educational, dated 1st November 1906, in which the proposal to appoint an assistant librarian on Rs. 20 was disallowed.

(2) In paragraph 8 of his report the Principal says that he asked for the entertainment of an assistant librarian partly because he had "hoped to extend the library hours to classes other than the history." What he appears to have meant by the above remark seems to be that the library hours had already been introduced into the history classes and that he hoped to extend the system to other classes, namely, mathematics, and mental and moral science classes. Please see the extract from the Principal's letter to the Director of Public Instruction on page 5 of G.O., No. 695, Educational, dated 1st November 1906.

K. RANGASWAMI AIYANGAR—11–6–07.

The library classes seem to be of the nature of tutorial classes, only the librarian is in charge. So far as he is concerned his work can only be the distribution of books, which no doubt have been referred to in lectures. The classes therefore are an adjunct to private home study. They were started in 1905—see paragraph 19 of the report recorded in G.O., No. 358, Educational, dated 22nd May 1906, and consisted at first of only history classes. The Principal wishes to extend the system to classes in other subjects.

A

C. A. SOUTER—12–6–07.

In the report referred to at "**A**" the librarian was stated to be *in charge* of the classes.

2. As to the proposed duties of the assistant librarian please see Mr. Allen's letters as extracted on pages 5 and 8 of G.O., No. 695, Educational, dated 1st November 1906. His work is not "tutorial" and there is no one in charge of the class to direct its studies. The students may idle away their time without referring to any books at all. The reading that they do in the library appears to be left entirely to their own choice.

H. D. Taylor—13-6-07.

G. S. F[orbes]—14-6-07.

Issue.

H. D. Taylor—15-6-07.

[G.O., No. 378, Educational, dated 15th June 1907.]

CURRENT FILE.

CONTENTS.

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PAPERS PUT UP WITH CURRENT No. 1

Papers of the department to which the current belongs.

Number.	Date.	Original (=O) or spare copy (=S. C.).	Remarks. (In this column such of the papers as have been removed for copying, printing, &c., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

Papers of other departments.

Department.	Number.	Date.	Original (=O) or spare copy (=S. C.).	Despatcher to note the return of the papers to the departments concerned.

Stock Form No. 135
8,700—17-6-05.

1. Ed No. 1127 18

LOCAL & MUNICIPAL SECRETARY T. 13 MAY 1907

EDUCATIONAL DEPARTMENT.

Received 190 , *Registered* 14 - 5 - 1907.

Subject.

Submitting for the information of Government a copy of Proceedings Dis. No. 2760, dated 7th instant reviewing the report on the working of the Presidency College for the year 1906.

ENCLOSURES.
No.
Spare copies

Current. No. 3544/07 1P

Station Madras , *Dated the* 11th May 1907.

From (*Name*) The Hon'ble Mr. T.T. LOGAN, B.A.,

(*Designation*) Ag. Director of Public Instruction.

To The Secretary to the Government of Madras,
Educational Department.

Sir,

I have the honour to submit, for the information of Government, a copy of my Proceedings Dis. No. 2760, dated 7th instant reviewing the report on the working of the Presidency College for the year 1906.

I have the honour to be,
Sir,
Your most obedient servant,

A. Ramachandra Iyer
"

For Director of Public Instruction.

10-5-07 K.P.D.

Proceedings of the Director of Public Instruction.

Dis. No. 2760, 7th May 1907.

Despatched	1907.	Enclosures
Received		Spare copies

Subject:

Presidency College, Madras:—Reviewing the report on the working of the — for the year 1906.

Dis. No. 2760

PROCEEDINGS OF THE DIRECTOR OF PUBLIC INSTRUCTION, dated 7th May 1907.

Presidency College, Madras.

Read the following letter from H. J. ALLEN, Esq., M.A., Acting Principal, Presidency College, Madras, to the Director of Public Instruction, dated 26th March 1907, No. 155:—

I have the honour to submit my report on the working of this College during the year 1906.

2. *Changes in the staff.*—During the year the College has suffered severely from the death, illness, or retirement of members of its staff. Mr. J. B. Bilderbeck, the Principal and Professor of English, who in 1905 went on furlough to England, retired from the service from the 30th May, and with him the College lost one who had never failed to spend himself in its interests. In the vacant Principalship I continued to act, while Mr. H. S. Duncan was confirmed as Professor of English. From the 17th August—19th December 1906 inclusive, Mr. Littlehailes, the Professor of Mathematics, who had been attacked by typhoid fever was on leave on medical certificate. In his absence the mathematical work was carried on by rearrangement between the Assistant Professors.

During the Christmas holidays Mr. Fyson also, the Professor of Biology, was struck down by the same disease and he is at present absent from duty; he has been granted furlough on medical certificate from the 24th December in combination with the midsummer vacation.

In the death of Dr. Sathianadhan, the Professor of Mental and Moral Science, in April during his absence on furlough the cause of Indian education suffered a loss to which testimony has been borne elsewhere. But the circumstances of his death and the fact that he was returning from a tour which had doubtless enriched his wide acquaintance with our Indian problems by contact with American educationalists add a special poignancy to our loss. The vacant professorship was filled by the confirmation of M.R.Ry. S. Mangesh Rao who had been acting in that appointment.

On April 1st Mr. Messinier, the Junior Professor of English, retired from the service, but, to the great regret of the College, survived his retirement by only a few weeks. Mr. T. R. Scott was permanently appointed as his successor and took over charge on 31st March (afternoon).

From 31st July—29th October (afternoon) M.R.Ry. M. Rangachariyar was on privilege leave on medical certificate. M.R.Ry. R. Krishnamachariar, the Sub-Assistant Inspector of Sanskrit Schools, acted for him and took charge on the 27th August (afternoon).

M.R.Ry. L. A. Ganapati Aiyar, the Acting Fifth Junior Assistant Professor was, on transfer to Rajahmundry College, relieved on the 31st January 1906 (afternoon). In his place Mr. A. Vas, the Latin Master, was appointed to act, while M.R.Ry. K. Natesa Aiyar, the Malayalam Master, acted as Latin Master. This brought in M.R.Ry. A. Chakravarti from the Accountant-General's office to act as Malayalam Master.

M.R.Ry. T. Vaidyanatha Aiyar, the Clerk of the College, was transferred as Head Clerk to the office of Inspector of Schools, sixth circle. He was relieved on the 1st May 1906 (forenoon) by M.R.Ry. V. Atmanadha Aiyar, the clerk of Kumbakónam College, appointed sub. *pro tem.* in the vacancy.

The librarian M.R.Ry. T.S. Srinivasa Aiyangar was from the 16th February—30th April 1906 on privilege leave and from the 1st May on nine months' furlough. In his place M.R.Ry. M. Rama Aiyengar, a clerk in the office of the Director of Public Instruction, was appointed to act and joined duty on 16th February (forenoon).

3. *Accomodation and equipment.*—During the summer vacation the building operations in connection with the extension of the College referred to in last year's report were started and having been vigorously pushed on are now approaching completion. A serviceable counter has been erected in the library.

One hundred and fifty sets of drawing apparatus were received towards the end of the year which have been divided between the Professors of Physics and Mathematics for the use of their classes.

Nothing has yet been done, I regret to say, to inclose more effectually the College grounds and playing fields and they remain practically at the mercy of the local population.

4. *Strength and attendance.*—The following statement shows the number of students on the rolls in the first and second terms of 1905–1906:—

Classes.	1905.		1906.	
	First term.	Second term.	First term.	Second term.
Class I	55	49	54	55
,, II	71	69	69	66
,, III	175	170	119	107
,, IV	179	187	188	204
M.A. Class	23	21	21	19
Total ..	503	496	451	451

At the end and during the course of the first term 26 students left, while in the second term 26 were admitted and 2 left.

The average number on the rolls for the year 1906 was 435·01 and the average daily attendance was 405·39.

The marked decrease in the strength of class III is to be explained mainly by the results of the F.A. examination of 1905, as will be seen from the following table:—

F.A. examination.	1904.	1905.
Candidates registered	2,465	2,279
Failures	1,450	1,546
Absent	35	43
Passes	980	680

The same cause will of course affect the strength of class IV in 1907.

5. *Distribution of students.*—Appendix A gives the distribution of students on the rolls on 31st December 1906 according to (i) caste or race, (ii) wealth of parents, (iii) occupation of parents.

It will be seen that the non-Brahman Hindus have slightly increased and that despite the diminution in our total strength the sons of "others" have risen from 97 to 107.

Appendix B shows the distribution of students according to their districts. The large number of those from Malabar who join our senior department continues to be a gratifying feature; there were actually nine more students from this district in our B.A. and M.A. classes than from Tanjore.

Appendix C gives the numbers of those studying the various second languages.

6. *Science divisions.*—The following statement shows the number of students in the several Science divisions. History, it will be seen, is still the most popular subject with Mathematics ranking next. The views of the Professor of Mental and Moral Science on the striking fall in that subject are given elsewhere.

	Class III.		Class IV.	
	First term.	Second term.	First term.	Second term.
Mathematics	26	23	29	32
Physics	18	18	18	23
Chemistry	10	8	13	14
Botany	14	10	9	9
Animal Physiology	.	..	1	..
Zoology	4	3	8	10
Geology	12	12	15	15
Mental and Moral Science	7	6	22	24
History	42	41	43	43
Total	133	121	158	170

Of the 121 students in the Science divisions of class III, 19 were reading languages in class IV and of the 170 in class IV, four attended the language lectures of class III.

There were 38 students taking languages only in class IV.

7. *M.A. students.*—The nineteen students reading for M.A. in the second term were distributed as follows :—

Mathematics	2
Physics	7
Chemistry	6
Botany	2
Zoology	1
History	1
Total	19

8. *Library*—(i) *The General library.*—During the year 4,835 volumes were issued to students as against 5,631 in 1905. They were distributed as follows : —

Subject.	1905.	1906.
History and Economics	1,319	1,480
Biography	145	134
Travels	14	13
Fiction and Literature	3,033	2,422
Mathematics and Science	872	571
Philosophy	248	215

On the other hand the consultations in the room from the General library numbered 3,026 as against 1,801 in the previous year and 714 in 1904. This large increase was due undoubtedly to the library hours kept by the two History classes

throughout the year. It is to be observed too that this reading in the library seems to have stimulated home reading since while nearly 800 fewer books were taken out in 1906 than in the previous year the History and Economics section shows an increase of over 160. That the library hours then fulfilled the object with which they were instituted—of calling the students' attention to the books at their command cannot, I think, be questioned.

To members of the staff 501 volumes were issued in 1906 as against 654 in 1905.

(ii) *The Consulting library.*—Here the number of consultations was as under—

	1905.	1906.
Class I	828	583
„ II	1,493	1,110
„ III	2,578	1,977
„ IV	2,956	2,748
M.A. students	252	244
Members of the staff	238	147
Total	8,345	6,809

These figures appear to show a serious decline, but it is impossible with our present staff to keep an accurate record of the consultations. This part of the library has to be left to the peon who is often called away elsewhere with a result that books lie about and many consultations are probably not checked.

In this connection I may mention that during the year I applied for the services of an Assistant Librarian partly because the general work of the library already taxes the capacity of our staff of a single librarian and a single peon, partly because I had hoped to extend the library hours to classes other than the History. I regret I was unable to convince Government of the necessity, and I have had accordingly to diminish considerably the work of the History classes in the library and to abandon a scheme I had for turning the large lecture room upstairs, soon to be left available by our new buildings, into a library annexe. This would have given us room for our books downstairs and upstairs for our readers.

During the year 422 books or parts of works were added to the library. The question of accommodation led to a move from the north to the south side of the college and the library is now located in the former hall which is in every way, I think, a more suitable room. Here a library counter (as already mentioned) has been erected.

A third supplement to the catalogue containing the books received between January 1st, 1901—January 1st, 1906 was prepared and issued in the year.

The former library, I may add, has been fitted up with chairs and tables and is utilised by the Professor of Mathematics for his classes in practical work.

9. *College examinations.*—(1) The annual examinations were held as usual in December and on their results promotions from classes I and III were awarded with due care as is shown in the following table :—

Class.	Number examined.	Number promoted.
Class I	55	47
Class III—		
English division	102	89
Second Language division	102	88
Science division	102	90

(ii) The College scholarships and prizes were awarded as under :—

The Thompson scholarship	S. Venkataramamurti.
The Senior Subrahmanya scholarship	K. Virasawmy.
The Lord Elphinstone prize	V. S. Sundaram.
The Bourdillon prize for Tamil	V. Muthuswami.
The Bourdillon prize for Telugu	M. Balarama Reddi.
The Maharaja of Travancore's prize	K. Govinda Menon.
The Maharaja of Vizianagram's prize	T. G. Sankaran Nayar.
The Arbuthnot prize	T. M. Kelu Nedungadi. D. B. Krishnamurti.
The Gordon prize	K. Achyuta Menon.
The Senior Thomson prize	R. Srinivasan.
The Junior Thompson prize	M. Subba Rao.

The Oppert, Innes and Kunjambu Nambiyar prizes were, on the ground of insufficient merit, not awarded and for the Powell and Morehead Vernacular prize, there was no competitor.

By Government notifications Nos. 60 and 61 (*Fort St. George Gazette* of May 22nd, 1906), the Innes and Kunjambu Nambiyar endowment funds were vested in the Treasurer of Charitable Endowments and some slight changes were introduced into the conditions of award.

10. *University Examinations.*—The results of the University examinations of 1906, so far as they affected the College, are given in Appendix D and Appendix E.

In the F.A. examination only one student of the College obtained a 1st class and the results were otherwise far from satisfactory though the Presidency as a whole fared little better. Mathematics and History were the subjects in which the greater number of failures took place. As regards the first the work of the class was necessarily disorganised to some extent by Mr. Littlehailes' illness, while the students' idea that History can be crammed up in the last month or so appears chiefly responsible for the disasters in that subject. Here the students received the same lectures in quantity and quality as their predecessors and, unless the examination was unusually stiff or the class unusually bad, there seems no reason why better results were not obtained.

The poor quality of the class is however further suggested by the fact that 17 students in it—more than a quarter of the total—had already appeared for the examination and failed. Of these 17, only three succeeded in passing on the present occasion. These failed students are usually the least satisfactory element in a college, and the question of their admission is a highly debateable one—rendered still more difficult by the new regulations of the Madras University. On the one hand, there seems little reason why we should fill our classes with those who have already shown themselves unable or unwilling to assimilate the instruction provided, and who, as shown in the above results, will probably continue incapable; on the other, old students of a college may be deemed entitled to the consideration of "another chance", as accommodation may not be forthcoming elsewhere.

In my recent admissions I have adopted certain principles which reconcile, so far as may be, these conflicting views and satisfy the legitimate claims of former students without, it is hoped, impairing the quality of our classes: the failures of other colleges are not save in very special circumstances admitted, while of our own students those who fail twice or who fail hopelessly are not taken back. In this way, I trust, the circulation in our classes will be maintained in a healthy condition.

Turning to the B.A. examination the results may, I think, be described as decidedly good, since in no case are they below, while in most subjects they are far above the percentages for the Presidency. In the Science Division we obtained first classes in Mathematics—3, Chemistry—2, Zoology—1, Geology—1, Mental and Moral Science—1, History—3. Of the second languages Kanarese provided 1 and Latin 2, while in each of these our pass figure reached 100 per cent.

In the M.A. Degree examination, 4 (first class—1, second class—1, third class—2) out of 5 candidates passed in Branch II-A and one out of four candidates in Branch II-B.

In Branch I, two students and in Branches III-C and V one student apiece appeared from the college, but were not successful. In this connection I may mention that the first place in the recent examination for the Mysore Civil Service was taken by an ex-student of the Presidency College.

University Prizes.—The following distinctions in the Madras University have been obtained :—

The Arni Gold Medal in Physics.
" " " " in Chemistry.
The Pitti Muniswami Chetti Gold Medal.
The Marsh Prize.
The Grigg Memorial Medal.
The Pulney Andy Medal.
The Bysani Madhava Chetti Gold Medal.
The Cromarty Prize.

11. *Fees.*—In the first term 109 students and in the second 93 paid their fees by instalments.

12. *Finance.*—The following statement shows the receipts and charges during the years 1905 and 1906 exclusive of the charges on account of scholarships and buildings :—

	1905. Rs. A. P.	1906. Rs. A. P.	
Receipts.			
Fees	45,576 6 3	40,080 5 0	*
Charges.			
Principal, Professors and Assistant Professors.	1,12,992 8 3	1,11,349 15 2	†
Masters and Teachers ...	6,352 2 9	7,295 8 0	‡
Establishment including Clerk, Librarian and Mechanic.	5,328 5 2	5,199 9 8	
Demonstrators	750 0 0	650 0 0	
Travelling allowance	1,060 6 8	176 8 0	
Library and class books	2,401 2 11	1,715 9 9	
Apparatus, laboratory charges and Europe stores.	5,301 5 8	5,856 10 1	§
Furniture purchased or repaired ...	219 0 10	258 3 9	
Rents, rates and taxes	2,786 12 2	3,152 4 0	
Other contingencies	796 2 6	878 4 4	
Printing at private expenses ...	38 0 0	...	
Total ...	1,38,025 14 11	1,36,532 8 9	

13. *College Council.*—Four ordinary meetings were held during the year—two in January to make promotions on the results of the annual examination, one in March to award the endowed scholarship and prizes, and one in September to draw up the list of holidays and vacations for 1907. In addition a special meeting was held in April to pass a vote of sympathy with the family of Dr. Sathianadhan.

* Includes library fees and fines Rs. 45-12-0 and sale-proceeds of catalogues Rs. 4-8-0.

† After deducting Rs. 9 subsistence allowance. ‡ After deducting Rs. 1-8-0 subsistence allowance.

§ Includes Rs. 180 batta to students but has been arrived at after the following deductions: sale-proceeds of distilled water, Rs. 3; contribution from the College of Engineering and the Board of Revenue for gas supplied, Rs. 146-10-7; value of medical stores returned, Rs. 7-3-0.

14. *Games and Athletics.*—During the year Mr. P. F. Fyson was the Honorary Secretary of the Athletic Association.

In the Madras Collegiate Athletic Association competitions the College was remarkably successful—in fact, it almost "swept the board". The cricket club won both the Professors Cup (matches 10, won 7, walked over 3) and the Pennycuick Trophy (3 matches played and won). It also beat a team of the Madras Cricket Club.

In football we carried off the inter-collegiate competition with a record of 10 matches played, 9 won, 1 drawn and 31 goals against 1.

The other football tournament, that for the cup offered by the Presidency College, has not yet been decided as I write.

The hockey competition also fell to us (matches 8, won 7, drew 1).

Thus in cricket, football and hockey we went through the season without the loss of a match.

Athletic sports were carried through successfully in September.

15. *College Societies.*—During the year the numbers in the Literary Society continued large, and both public and ordinary meetings were held. The Historical Association regained its vigour and had over 50 members in the second term; several essays were contributed. The Philosophical Association also is reported to have worked satisfactorily throughout the year. Natural Science too contributed its quota to our College societies. The Botany, Zoology and Geology students formed an association which held meetings for discussion and made an excursion to St. Thomas' Mount to encourage collections.

16. *Residence of students.*—In the second term 135 students were living in the Victoria Hostel, 204 with relatives or guardians and 99 with fellow-students. The lodgings of these last were systematically inspected during the course of the term by the Assistant Professors and five or six students were called on to change their rooms.

17. *Madras Educational Rules.*—These rules so far as they apply to the College (*i e.*, chapter VIII, Madras Educational rules, 5th edition, 1906) have been observed and the registers have been properly kept.

18. *Service registers.*—The entries have been verified to the end of 1906.

19. *Professors' reports.*—The Professor of Chemistry complains of promotions in Branch II-A being made without reference to him, and considers that the results of the M.A. examination in II-B "afford a fresh illustration of the impossibility of educating students to this standard with the inadequate staff provided".

The Professor of Physics calls attention to the fact that, for the first time since the regulations came into force over twenty years ago, a first-class in the M.A. Branch II-A has been obtained, and by a student of the college. Another interesting feature of his report is his account of the occasional discussions he has introduced among the M.A students in Physics and Chemistry. These are held in connection with the students' laboratory work, and at them papers are read giving an account of any novel features that may have been observed in its course. "The one (unwritten) rule about these meetings is that the matter under consideration must be directly connected with their practical work and within the experience of the reader; mere accounts of the work of others are not allowed. Four such meetings were held during the year. At the first meeting S. Muthuswami gave an account of his work in determining ionic velocities, and a demonstration. At the second meeting (i) Appa Rao explained certain anomalies he met while working with the copper voltameter, (ii) Venkataraman gave an account of his work on diffraction, and a demonstration. At the third meeting Muthuswami exhibited the means by which he prepared argon and gave an account of the method; at the fourth meeting Ramaswami Aiyangar showed one of the methods used to trace the course of a chemical reaction and the results he obtained by its use. A paper embodying Venkataraman's work was published in the *Philosophical Magazine*, and a note on some work by Venkataraman and Appa Rao on vibrating strings appeared in *Nature* during the year".

The Professor of English describes class III as a good one; the students availed themselves of the advantages of the library and made gratifying progress. The size of class IV made it impossible to keep in touch with many of its members. Of the first four students in the second class in the B.A. examination three, he notes, belonged to the College, while a lady student ranked close at hand.

The Professor of Mathematics reports that practical work is now carried out in several classes, but that the full course proposed cannot be undertaken unless a demonstrator is provided for whose services a special report has been submitted to the Director. In the B.A. examination the only first classes awarded were taken by the College.

Mr. Fyson's illness unfortunately renders a report from him impossible, but the Senior Assistant Professor has furnished one in his place. He notes that a first class in Zoology was again, after an interval of some years, secured by the College; that the botanical collection was increased by a set of wood blocks from Coimbatore, while a set of mineralogical slides from Europe was added to the geological section. Regular dredging for marine specimens for the Class Museum was suspended during the greater part of the year as not yielding interesting results, but as soon as the Marine Aquarium is ready it is hoped to resume operations.

Two geological excursions were made—the first in charge of Mr. Fyson and the Assistant Professor to Salem and Coimbatore for mineralogical and petrological observation, the other to Nellore where under M.R.Ry. H. Narayana Rau's guidance the students investigated mica mines.

The Professor of Mental and Moral Science calls attention to the decrease in the number of students reading Philosophy and explains it by "the sudden awakening of a desire for improving the industries of the country and the notion that the study of the physical and natural sciences will somehow help in this industrial regeneration, combined with the idea which generally prevails that the study of Philosophy serves no useful purpose in practical life". He also thinks that the severity of the examination in recent years has augmented the disinclination of the students for "a subject which strains their powers to the utmost".

The Professor of Sanskrit reports that to his knowledge "all the Second Language Masters have been doing their duties with zeal and earnestness" as proved by the results of the College and University examinations. He notes afresh the greater severity of Sanskrit as a test, and quotes with apparent approval a remark of the late Mr. G. H. Stuart to the effect that the high percentage of passes secured in the South Indian vernaculars indicates either that the examinations are particularly lax or that there can be little of adequate difficulty in their literatures.

In conclusion I wish to offer my thanks to Mr. Mark Hunter for his assistance in valuing, yet again, the essays sent in for the Arbuthnot Prize, and to my colleagues and the members of the staff for their co-operation in the work of the College.

APPENDIX A.

(i) DISTRIBUTION of students according to caste or race.

Europeans and Eurasians	8
Native Christians (Non-Panchamas)	6
Muhammadans	5
Brahmans	339
Non-Brahmans	91
Total ...	449

(ii) Distribution of students according to wealth.

Richer class	53
Middle ,,	376
Poorer ,,	20
Total	449

(iii) Distribution of students according to the occupation of parents or guardians.

Officials	200
Petty officials	4
Landholders	122
Traders	16
Others	107
Total	449

Appendix B.

Distribution of students according to districts.

Districts.	Junior F.A.	Senior F.A.	Junior B.A.	Senior B.A.	M.A.	Total.
Anantapur	1	..	..	..	..	1
North Arcot	2	2	1	7	..	12
South do.	1	2	1	3	..	7
Bellary	..	..	4	3	..	7
South Canara	2	4	5	12	1	24
Chingleput	5	3	4	5	..	17
Coimbatore	..	5	7	3	1	16
Cuddapah	..	1	..	..	..	1
Ganjám	..	..	1	4	..	5
Gódávari	1	2	3	6	2	14
Guntúr	1	..	..	..	1	2
Kistna	..	2	4	5	..	11
Kurnool	..	..	1	1	..	2
Madras	11	7	6	13	..	37
Madura	2	..	6	12	..	20
Malabar	5	4	18	43	2	72
Nellore	1	4	1	3	..	9
Salem	3	1	2	4	..	10
Tanjore	12	16	17	28	9	82
Tinnevelly	2	1	6	14	3	26
Trichinopoly	3	6	5	8	..	22
Vizagapatam	1	1	3	2	..	7
Cochin	..	..	7	13	..	20
Coorg	..	1	..	..	..	1
Jaffna	..	..	2	..	..	2
Mysore	2	2	1	8	..	13
Pudukkóttai	..	..	..	2	..	2
Travancore	..	1	..	5	..	6
Europe	..	..	1	..	..	1
Total	55	65	106	204	19	449

Appendix C.

The following statement shows the number of students studying the various second languages :—

Tamil	88
Telugu	54
Canarese	18
Malayalam	64
Sanskrit	144
Persian	1
Hindustani	1
Latin	9
French	1
Total	380

Appendix D.

Examinations—Results of the University Examinations—December 1906.

Presidency College.

—	Applied.	Examined.	Passed. First class.	Passed. Second class.	Passed. Third class.	Passed. Total.	Percentage passed from the college.	Percentage passed for the whole University.
First Examination in Arts	65	63	1	18	..	19	30	31·4
B.A. Degree Examination—								
I. English Language Division	170	168	..	40	68	108	64·8	48
II. Second Language Division—								
Tamil	31	31	..	13	15	28	90	
Telugu	18	18	..	2	14	16	89	
Canarese	7	7	1	6	..	7	100	
Malayalam	40	40	..	29	10	39	97·5	80·9
Sanskrit	52	51	..	14	25	39	76·5	
Hindustani	..	..	..	..	..	..	..	
Persian	..	..	..	..	..	..	..	
Latin	4	4	2	2	..	4	100	
Total	152	151	3	66	62	131	86·7	
III. Science Division—								
Mathematics	33	33	3	4	6	13	39·4	28·7
Physics	23	22	..	2	11	13	59	36·9
Chemistry	18	13	2	5	4	11	84·6	60·5
Botany	9	8	..	5	2	7	87·5	87·5
Zoology	10	10	1	4	2	7	70	60·0
Geology	15	14	1	8	4	13	93	80·1
Mental and Moral Science	24	24	1	10	10	21	87·5	54·6
History	43	42	3	24	11	38	90	63·4
Total	170	166	11	62	50	123	74	

APPENDIX E.

STATEMENT giving information regarding the number of students that were examined and the number that failed in different subjects of the First Examination in Arts, 1906.

	Examined.	Failed.
I. English	63	10
II. Second Language—		
Tamil	18	5
Telugu	11	1
Canarese	5	1
Malayalam	5	...
Sanskrit	23	11
Persian	...	...
Hindustani	...	...
Latin	1	...
III. Mathematics	63	31
Physiology	63	22
History	63	32
Deficiency in total marks		2
Failed in English only		3
,, Second Language only		2

Proceedings, Dis. No. 2760 of 1907.

Recorded.

2. The changes in the staff detailed in paragraph 2 of the report were unavoidable: but it is hoped that with the grading recently effected of officers in the subordinate collegiate service such changes will, in future, be greatly minimised. The Acting Director concurs with the Acting Principal in his estimate of the loss sustained by the college in the retirement of Mr. Bilderbeck and by the cause of Indian education generally in the untimely death of Dr. Satyanadhan.

3. There was a considerable fall in the strength of the college which was mostly confined, however, to the third year class and was due to the poor results of the First Examination in Arts of December 1905. The decrease in the Philosophy section is ascribed by the Professor to the non-utilitarian nature of the subject. The results of the First Examination in Arts of 1906 were poorer than in the previous year, the largest number of failures occurring in Mathematics and History. The Acting Principal's comments made in this connection are noted and the Acting Director trusts that with greater strictness in making admissions and promotions and with more tutorial help being given to the students better results will be secured in future. The college acquitted itself generally satisfactorily in the higher university examinations; and in Branch II-A Physical Science a first class was obtained for the first time by a student of the college since the examination in that subject was instituted.

4. The extracts from the reports of the Professors furnished in paragraph 19 of the report are interesting and the Acting Director notes with pleasure the activity of the students in their post-collegiate course.

5. A great improvement was made during the year in the use of the college library which was largely due to the institution by Mr. Allen of a library class for the students in the History and Economics Section. The extension of this system to the other sections is reported to be held over for want of an assistant librarian. But the Acting Director thinks that to secure the desired good the students should not be left during the library hours under the charge of the librarian but should be under the personal supervision and guidance of their teachers in the several subjects.

6. The questions of additions to the staff and to the supply of apparatus and appliances will be taken up in the consideration of the requirements imposed by the new University Regulations. Orders will be passed in separate proceedings on the Principal's communication regarding the employment of a mathematical demonstrator.

7. The Acting Director notes with pleasure the increasing interest taken by the students in athletics and the success achieved by them in inter-collegiate sports and games. The attention of the Executive Engineer, Presidency division, will be invited to the Principal's remarks regarding the delay in the construction of a compound wall.

8. Owing to an increase in the net cost of the college from Rs. 92,450 to Rupees 96,452 and the fall in the average number on the rolls the net cost per student during the year rose from Rs. 192 to Rs. 222.

9. The administration of the college during the year was efficient and creditable to the Acting Principal and the staff.

/signed/ J. J. Logan.

Ag. Director of Public Instruction.

To the Principal, Presidency College, with spare copies.
,, Principals of other Government Colleges.
,, Inspector of Schools, III Circle.
,, Assistant Inspector of Schools, Presidency division.

Copy to the Executive Engineer, Presidency division,
for information with reference to paragraph 7
of the proceedings.
,, Editors, *Indian Journal of Education* and the *Educational Review*.
,, Government (with C.L.).

(True Copy.)

Personal Assistant to the Director of Public Instruction.

EDUCATIONAL DEPARTMENT.

NOTES.

Rec

15 Pet 0113 B, 4-3-07
645-B, 1-11-06
680-818, 23-10-06
3585, 22-5-06

18

[1. / 2.]
1,000—29-5-06.

EDUCATIONAL DEPARTMENT.

C. No. 1127 From the D.P.I. No. 3574, dated 11-5-1907.

SUBJECT.

Report on the working of the Residency College during 1906.

The report is a record of progress. The general working of the institution appears to be satisfactory. Attention is solicited to the points marked A in para. 19 of the Principal's report.

2. The draft placed below is for approval.

Sec.

RDP
30-5-07

The F.A. classes seem to have done badly. Otherwise the report is good. If, as is said, Philosophy is being given up in favour of more material subjects, the cause of Industry would seem to be looking up.

CES
30.5.7.

HDS
1-6-07

HM

(1) The Office has not noted the reference about the Asst Librarian (para 8 of report)

(2) What does the Principal mean by extending the "Library hours

"to classes other than the "History."

The application for the asst Librarian was for an Admirable Creichton who could assist the boys in every object under the sun: not a mere physical attendant?

(1) Please see Go. No. 695 Educational, dated 1st November 1906. in which the proposal to appoint an Assistant Librarian on Rs 20 was disallowed.

(2). In paragraph 8 of his report the Principal says that he asked for the entertainment of an assistant librarian partly because he had "hoped to extend the library hours to classes other than the History". What he appears to have meant by the above remark seems to be that the library classes hours had already been introduced into the History classes and that he hoped to extend the system to other classes, namely, Mathematics and Mental and

17 20

and moral Science classes. Please see the extract from the Principal's letter to the D.I.'s on pages 4 & 5 of G.O. 695 Edl. dated 1st November 1906.

3

Lec.

11.6.07 The library classes seem to be of the nature of ~~tutorial~~ classes, only the Librarian is in charge. So far as he is concerned his work can only be the distribution of books which must have been referred to in lectures. The classes therefore are an adjunct to private home study. They were started in 1905 see para 14 of the report recorded in G.O. 358 Edl. 3/22.5.06 & consisted ~~were~~ at first of only history classes. The Principal wishes to extend the system to classes in other subjects.

Flag G.

A

Clk
12.6.7

In the report referred to at A the Librarian was stated to be in charge of the classes

2. As to the proposed duties of the Asst Librarian please see Mr Allen's letter as detailed on pages 5 & 8 of

W G.O 695 Edl. dtd 1st Nov 1906. His work is

not 'tutorial' as there is no one in charge of the class to direct its studies. The students may idle away their time without referring to any books at all. The reading that they do in the library appears to be left entirely to their own choice

HMI
3607

HMI

SJ
16/6

HMI
1607

[illegible]
12.
1,000—6-12-06.

19 22

EDUCATIONAL DEPARTMENT.

3P

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" " " " ....., " ..... 190 .

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