F.]
17-12-02

Educational (1904) Department.

ORDINARY PRINTED.

G.O., No. 491-492

DATED 9. 8. 04

ORIGINAL

[Despatch Abstract.]

Medical College

Reporting the report on the working of the
— for the year 1903-1904.

BACK PAPERS.

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

FURTHER PAPERS.

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

Government {1904} of Madras.

EDUCATIONAL.

Recd. } 1904. *Enclosures*

Regd. *Spare copies*

G.O., &c., Nos. 491, 492, 9th August 1904.

AUGUST.

Medical College.

Recording the report on the working of the — for the year 1903-1904.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following paper:—

From the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction, Madras, to the Secretary to Government, Educational Department, dated 29th July 1904, Cur. No. 6519.

I have the honour to submit, for the information of Government, a copy of my Proceedings, Dis. No. 4711, dated 27th July 1904, reviewing the report on the working of the Medical College, Madras, during 1903–1904.

ENCLOSURE.

PROCEEDINGS of the Director of Public Instruction, dated 27th July 1904, Dis. No. 4711.

Read the following letter from Lieut.-Col. W. A. LEE, I.M.S., Acting Principal, Medical College, to the Director of Public Instruction, dated 25th May 1904, No. 88:—

I have the honour to submit the annual report on the working of the Medical College during session 1903–1904.

ENCLOSURE.

ANNUAL REPORT OF THE MADRAS MEDICAL COLLEGE SESSION 1903–1904.

The sixty-ninth session of the college commenced on the 1st July 1903 and terminated on the 31st March 1904.

2. Changes in the Staff.—There were several changes among the staff at the commencement of the session, Captain Niblock lecturing in Surgery, Captain Bryson in Biology, Major Donovan in Physiology, Captain Miller in Chemistry and Captain Symons in Materia Medica. Major Simpson took over the duties of the Professor of Anatomy when that class opened in October. There were no changes during the course of the session.

Lieutenant-Colonel T. H. Pope, M.D., B.Sc., F.M.U., I.M.S., retired from the service at the end of the session after a connection of nearly eighteen years with the college.

3. Strength of the College.—Three hundred and thirty-five students were admitted during the session; forty-five of them, namely, the Sanitary Inspector students, joined in November. There were eleven casualties in all departments of the college and thus only three hundred and twenty-four students completed their curricula. The diminution in the total strength this year, as compared with last year, is due to the following causes:—

(1) the transference of the Hospital Assistant department of the college to the Ráyapuram Medical school on the 1st April 1903,

(2) the smaller number of Military pupils recruited, and

(3) the alteration in the rules for admission to the Sanitary Inspectors' class.

The following statement shows the number of **new entries** in each department of the college during the past quinquennium:—

Department.	1899–1900.	1900–1901.	1901–1902.	1902–1903.	1903–1904.	Increase or decrease as compared with previous year.
College { M.B.	24	33	37	32	33	+ 1
College { L.M.S.	7	6	6	2	9	+ 7
Apothecary	15	45	39	50	21	− 29
Chemist and Druggist	1	1	1	2	..	..
Sanitary Inspectors' Class	87	92	76	99	45	− 54

The 335 students were **distributed** as follows:—

Department.	Designation of students.	No.		
College	M.B. & C.M. (females 9)	92		
	L.M. & S.	42		
	Casual (females 2)	24		
		—	158	
Apothecary	Military pupils	101		
	Colonial apprentices	9		
	Female students	21		
	Private pupil	1		
		—	132	
Sanitary Inspectors' class			45	
	Total		335	

4. Professors' Class Reports.—The following extract from the report of the Professor of Hygiene deserves serious consideration:—

"Attention must be drawn again to the extreme unsuitability of the present laboratory for teaching Bacteriology and to the urgent necessity for the erection of a larger and better lighted laboratory at an early date."

These remarks apply equally to the Physiological department which is seriously in need of a new and much larger laboratory.

There is nothing else in the Professors' reports calling for any observation.

5. College Department.—As shown in paragraph 3, there were 158 students attending college in this department against 142 in the preceding year.

The following statement shows the distribution of these students according to the **year of study**:—

—	1st year.	2nd year.	3rd year.	4th year.	5th year.	Total.
M.B. & C.M.	(a) 33	(b) 18	(d) 17	17	7	92
L.M. & S.	7	(c) 13	17	5	..	42
Casual	8	(d) 11	..	4	1	24
Total	48	42	34	26	8	158

(a) Includes three females.
(b) ,, four females.
(c) ,, ten from first M.B. class of last year.
(d) Includes two females.

The progress of the eleven female students was satisfactory during the session. Those of the first and second year proceeded to their respective University examinations in April and two passed.

The results of the University examinations for 1904 are shown in appendix D.

The total percentage of passes was 52·9 as compared with 60·8 in the previous year :—

6. Apothecary Department.—There were 132 students in this department against 145 in the previous year, or a decrease of 13 owing to the fewer admissions as explained in paragraph 3. The following tabular statement gives the *distribution* of these students according to their *year of study* :—

Section of Apothecary department.	Year of study.				Total.
	First.	Second.	Third.	Fourth.	
Military pupils	27	30	30	14	101
Colonial apprentices	1	3	3	2	9
Female students	8	7	3	3	21
Private pupil	..	..	1	..	1
Total	36	40	37	19	132

For the final examination, one pupil was debarred and another, a female, was prevented by illness from attending. Thirteen of the remaining 17, passed in the second class. All the third-year pupils appeared for the second examination, twenty-three of whom passed in the second class. Of the second-year pupils one died and one was allowed to intermit his studies ; seven others failed to obtain their attendance certificates and were consequently debarred from appearing for the first examination. One female pupil was absent from this examination on account of illness. Thirty sat for the examination, of whom seventeen passed in the second class.

7. Chemist and Druggist Department.—There were no entries this year. It is hoped that under G.O., No. 508, Educational, dated 20th November 1903, which substitutes the Lower Secondary examination for the Matriculation, as the entrance test, (experimentally for three years), some candidates will seek admission to this department next session.

8. Sanitary Inspectors' Class.—This class (under the new scheme approved in G.O., No. 697 L., dated 9th June 1903) consisted of 45 students. The course of instruction, which was of five months' duration, from November to March, included Bacteriological demonstration as a new feature. Ninety-seven students of the previous year's class appeared for the Government Technical examination in Hygiene in April 1903 and 56 passed ; one in the first class.

9. Female Students.—The number of female students attending during the year was 32. The following table gives the details of their class and year of study :—

Department.	Year of study.					Total.
	First.	Second.	Third.	Fourth.	Fifth.	
M.B. & C.M.	3	4	2	..	..	9
L.M. & S.	..	2	..	..	..	2
Apothecary	8	7	3	3	..	21
Total	11	13	5	3	..	32

As regards race, 25 are Eurasians or Europeans, 5 are Native Christians and 2 are non-Brahman Hindus. Thirteen of the total number hold Dufferin scholarships, seven hold other scholarships, and twelve are private students who were not stipended. Two apothecary students appeared for the final examination and passed. Three sat for the second and six for the first examination, of whom two passed in the former and five in the latter.

10. College Diplomas. Examinations for —. These examinations which began on the 14th March and terminated on the 31st idem were conducted by Lieutenant-Colonel W. B. Browning, C.I.E., I.M.S., Major C. Donovan, M.D., I.M.S., and Captain W. J. Niblock, M.B., I.M.S.

The results of these examinations are detailed in paragraphs 6 and 9.

11. Physical Training.—This was carried on throughout the session and the college annual sports were held in January.

12. Library and Museum.—The library contains 4,593 books, 178 of which were added during the year, partly by local purchase and partly by purchase from England. The total number of specimens in the museum is 1,916 including 52 which were obtained since last report.

13. The service books and the inventory of valuable stock have been verified up to the 31st March 1904.

(Signed) J. MAITLAND, M.D.,
Lieutenant-Colonel, I.M.S.,
Principal, Medical College.

17*th May* 1904.

APPENDICES.

A.—Districts or provinces to which the students belonged.

Districts.	College department.	Apothecary department.	Sanitary Inspectors' class.	Total.
Anantapur	..	..	..	..
Bellary	1	3	..	4
Belgaum	..	1	..	1
Bengal	2	..	..	2
Bombay	4	1	..	5
Burma	..	..	..	..
Central Provinces	..	2	..	2
Ceylon	6	..	..	6
Chingleput	3	7	3	13
Cochin	6	4	..	10
Coimbatore	3	3	2	8
Coorg	..	..	..	..
Cuddapah	..	1	1	2
Ganjám	1	..	..	1
Gódávari	2	4	6	12
Hoshangabad	..	..	..	..
Hyderabad (Deccan)	..	1	..	1
Jubbulpore	..	2	..	2
Kistna	2	1	1	4
Kurnool	..	..	..	..
Madras	24	46	4	74
Madura	..	2	1	3
Malabar	13	9	3	25
Mysore	27	10	2	39
Nellore	..	..	..	..
North Arcot	5	3	2	10
North-West Provinces	1	..	..	1
Nilgiris	..	5	..	5
Poona	1	..	..	1
Pudukkóttai	2	..	..	2
Salem	4	2	1	7
South Arcot	1	2	1	4
South Canara	16	..	..	16
Straits Settlements	..	9	..	9
Tanjore	8	..	13	21
Tinnevelly	6	..	3	9
Travancore	17	12	..	29
Trichinopoly	3	1	2	6
Vizagapatam	..	1	..	1
Total	158	132	45	335

B.—Classes of community.

Race, caste and sex.		College department.	Apothecary department.	Sanitary Inspectors' class.	Total.
Europeans and Eurasians	Males	11	108	..	119
	Females	9	16	..	25
Native Christians	Males	26	2	..	28
	Females	1	4	..	5
Brahmans	Males	59	..	31	90
Non-Brahmans	Males	48	..	13	61
	Females	1	1	..	2
Muhammadans		2	..	1	3
Chinese		..	1	..	1
Parsees		1	..	..	1
Total		158	132	45	335

C.—Occupation and wealth condition.

Department.			Distribution of students according to wealth.			Distribution of students according to occupation of parents or guardians.					
			Richer classes (Rs. 5,000 per annum).	Middle classes (Rs. 200 to less than Rs. 5,000 per annum).	Poorer classes (less than Rs. 200 per annum).	Officials.	Petty officials and menial servants.	Traders.	Landholders.	Artisans.	Others.
College ..	M.B. & C.M. ..	Males ..	7	63	13	46	1	10	10	..	16
		Females ..	..	9	..	5	..	..	..	..	4
	L.M. & S. ..	Males ..	3	39	..	33	..	1	4	..	4
		Females ..	..	..	..	..	..	..	..	..	..
	Casual	Males ..	2	20	..	6	..	4	3	..	9
		Females ..	..	2	..	2	..	..	..	..	..
Apothecary		Males ..	5	100	6	76	..	7	4	..	24
		Females ..	..	20	1	12	..	2	..	..	7
Sanitary Inspectors' Class ..		Males ..	1	34	10	18	1	5	12	..	9
Total ..		Males ..	18	256	29	179	2	27	33	..	62
		Females ..	..	31	1	19	..	2	..	..	11

D.—Results of the University examinations for the past five years.

Examinations.	——	1899–1900.	1900–1901.	1901–1902.	1902–1903.	1903–1904.
First L.M. & S. (new rules).	Number examined	8	18	14	26	19
	,, passed	6	13	6	17	10
	Percentage	75	72·2	42·7	65·3	52·6
Second L.M. & S. (old rules).	Number examined	6	..	..	..	..
	,, passed	2	..	..	..	..
	Percentage	33·3	..	..	..	..
Second L.M. & S. (new rules).	Number examined	5	7	19	13	22
	,, passed	2	..	10	6	14
	Percentage	40	..	52·6	46·1	63·6
Final L.M. & S. (new rules).	Number examined	..	2	1	10	10
	,, passed	..	..	1	5	8
	Percentage	..	..	100	50	80
Preliminary Scientific examination.	Number examined	..	..	..	..	..
	,, passed	..	..	..	..	..
	Percentage	..	..	..	..	..
First M.B. & C.M. (new rules).	Number examined	24	35	37	34	34
	,, passed	9	16	19	18	15
	Percentage	37·5	45·7	51·3	52·9	44·1
Second M.B. & C.M. (new rules).	Number examined	16	13	20	19	18
	,, passed	9	11	17	17	8
	Percentage	56·2	84·6	85	89·4	44·4
Third M.B. & C.M. (new rules).	Number examined	..	6	16	16	25
	,, passed	..	..	8	7	11
	Percentage	..	..	50	43·7	44
Final M.B. & C.M. (new rules).	Number examined	..	..	1	7	8
	,, passed	..	..	1	6	6
	Percentage	..	..	100	85·7	75
First M.B. & C.M. (old rules).	Number examined	..	..	..	..	..
	,, passed	..	..	..	..	..
	Percentage	..	..	..	..	..
Second M.B. & C.M. old rules).	Number examined	9	15	..	..	..
	,, passed	4	9	..	..	..
	Percentage	44·4	60	..	..	..
Total ..	Number examined	68	96	108	125	136
	,, passed	32	49	62	76	72
	Percentage	47	51	57·4	60·8	52·9

E.—Results of the College examinations for the past quinquennium.

Examination.	——	1899–1900.	1900–1901.	1901–1902.	1902–1903.	1903–1904.
Apothecary, First Examination.	Number examined ..	21	18	28	37	30
	,, passed ..	13	15	21	34	17
	Percentage	61·9	83·3	75	91·8	56·6
Apothecary, Second Examination.	Number examined ..	7	9	16	22	37
	,, passed ..	6	6	14	17	23
	Percentage	85·7	66·6	87·5	77·2	62·1
Apothecary, Final Examination.	Number examined ..	15	15	6	16	17
	,, passed ..	11	15	4	14	12
	Percentage	73·3	100	66·6	87·5	70·5

F.—Average strength and attendance.

Department.	Average strength.	Average attendance.
College	151·1	150·7
Apothecary	131	127·9
Sanitary Inspectors	44·2	43·6

G.—Receipts and Expenditure.

Receipts during the official year 1903–1904.

	Rs.	A.	P.	Rs.	A.	P.
Fees	20,795	0	0			
Miscellaneous	785	2	3			
				21,580	2	3
Local fund contributions	6,512	0	0			
Municipal contributions	2,006	0	0			
				8,518	0	0
Total ...				30,098	2	3

Charges during the official year 1903–1904.

	Rs.	A.	P.
Principal	20,586	4	8
Professors and Assistant Professors	1,11,168	6	5
Exchange compensation allowance	6,467	12	0
Lecturers and Assistant lecturers	1,180	0	0
Assistant Demonstrators of Anatomy	876	10	8
Clerks and servants	5,654	5	0
Lecturer on First aid to police	210	0	0
Government European scholarships	1,440	0	0
House-rent allowance	4,586	6	6
Travelling ,, ...	38	8	0
Library allowance	1,020	3	1
Purchase of instruments and chemicals	3,741	6	10
,, of furniture	1,059	6	2
Repairs to furniture	344	2	6
Training of Sanitary Inspectors	340	6	0
Remuneration to examiners	1,950	0	0
Tour charges	797	15	2
Postage charges	45	0	0
Telegraph charges	3	7	0
Rents, rates and taxes	1,621	10	3
Office expenses	456	15	2
Miscellaneous	240	14	3
Total ...	1,63,829	11	8

The figures above given are subject to the final adjustments that may hereafter be communicated by the Accountant-General.

N. Ref. on C. No. 4806.

Referred to the Surgeon-General with the Government of Madras for favour of remarks.

A. G. BOURNE,
Director of Public Instruction.

31*st May* 1904.

Read the following letter from Surgeon-General W. R. BROWNE, M.D., I.M.S., Officiating Surgeon-General with the Government of Madras, to the Director of Public Instruction, dated Ootacamund, 12th June 1904, No. 86-T.:—

The clear and concise report of the Medical College for the past official year constitutes the first record of the work of the college under the reintroduced system of the separation of the Hospital Assistant department from the College department.

The "strength" of the college is necessarily less by the advantageous removal of the classes for the Hospital Assistant pupils to the Royapuram school and more room is thus left in the college for the Collegiate department proper.

2. It is satisfactory to note that a uniform rate of entries for the course for the highest medical degrees continues to prevail. It is also satisfactory to note that as regards the results of the course of studies the University Examiners passed at the final examinations for the L.M. & S. and the M.B. and C.M. degrees 80 and 75 per cent., respectively, of the examinees, while the earlier examinations for the degrees fulfilled their proper functions of eliminating the incompetent or idle students by a larger percentage of rejections. One result is that failed M.B. students fall back on the less difficult examinations for the L.M. & S. degree and thus a chance is afforded to the too ambitious student of finding his proper level.

3. With the steady maintenance of entries for the highest university degrees the necessity of increased accommodation in the physiological and hygienic laboratories becomes more marked year by year and so much importance is universally and rightly attached to practical laboratory work that it is hoped that funds will permit of immediate increase to the two laboratories now found to be unsuitable in size and arrangements.

4. The changes in the Professorial staff were of the usual unavoidable nature—a regrettable one was constituted by the retirement from India after a long period of work at the college of the Professor of Ophthalmology—which subject combined until recently with that of physiology—Lieutenant-Colonel Pope, I.M.S., had taught for many years with much success, with all the knowledge obtained from a thorough grasp of his subject and from an operative experience as an ophthalmologist almost unequalled in extent and variety.

Proceedings, Dis. No. 4711 of 1904.

Recorded.

2. The most important event of the year was the removal of the Hospital Assistant department from the college. This and the introduction of the revised rules for the sanitary inspectors' class mainly account for the decrease in the strength of the college at the close of the year as compared with that at the end of the previous year, the figures being 324 and 564, respectively. There were no students in the chemist and druggist class and the Director shares the hope expressed by the Principal that the substitution of the Lower Secondary examination for the Matriculation as the entrance test sanctioned in G.O., No. 568, Educational, dated 20th November 1903, will improve matters.

3. The results of the examinations of the apothecary students showed a deterioration compared with those of the previous year and were generally the lowest on record for the past five years. In the University examinations also the percentage of success taken as a whole was lower than in the previous year.

4. The administration of the institution continued to be efficient. The Principal is requested to address the Director separately in regard to improvements to the bacteriological and physiological laboratories.

A. G. BOURNE,
Director of Public Instruction.

To the Principal, Medical College, with six spare copies.
" Principals of Government, First-grade and Professional Colleges.
Copy to Surgeon-General, Sanitary Commissioner, Government (with C.L.). } for information.

Order—No. 491, Educational, dated 9th August 1904.

Recorded.

(True Extract.)

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

To the Director of Public Instruction.
" Surgeon-General.
" Sanitary Commissioner.
" Public Department.
" Deputy Adjutant-General, Madras Command.
Editors' Table.

Endorsement—No. 492, Educational, dated 9th August 1904.

Copy to the Government of India, Home Department.

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

Exd. K. Murugasan.

NOTES CONNECTED WITH G.O., Nos. 491, 492, EDUCATIONAL, DATED 9TH AUGUST 1904.

[SUBJECT.—*Report of the Medical College for* 1903–1904.]

From the Director of Public Instruction, No. 6519, *dated* 29*th July* 1904.

The draft placed below is submitted for approval.

2. The strength of the college was as follows, compared with the previous year:—

	1902–1903.	1903–1904.
College department	142	158
Apothecary department	145	132
Sanitary Inspector's class	101	45
Chemist and Druggist class	3	..
Hospital Assistant department	192	..
	583	335

In the college proper there was thus a perceptible increase.

3. In the University examinations taken as a whole only 52·9 per cent. of those who appeared passed as against 60·8 per cent. in 1903–1904. The corresponding percentages for the college examinations were 61·9 and 86·6. The results were thus considerably poorer than in the previous year, but the Director of Public Instruction has noticed this in paragraph 3 of his review.

4. The total cost of the college was Rs. 1,63,830 against Rs. 1,87,805, the fall being due to the separation of the Hospital Assistant department.

P. T. THARYAN—6–8–04.

A. GALLETTI—6–8–04.

H. D. TAYLOR—8–8–04

G. S. F[ORBES]—9–8–04.

Issue.

H.D.T.—9–8–04.

[G.O., Nos. 491, 492, Educational, dated 9th August 1904.]

Stock Form No. 127
2,000—12-2-03.

1

Educational (190 4) Department.

8

CURRENT No. 1340

SECRETARIAT TO GOVERNMENT
1 AUG 1904
LOCAL & MUNICIPAL DEPARTMENT

From [Name] The Hon'ble Mr. A.G. Bourne, D.Sc., F.R.S.,

[Designation] Director of Public Instruction

[Station] Madras.

P/1

Current No. 6519 of 04 Received 1 8 1904.

Dated 29th July 1904

Enclosures one Registered 1 8- 1904

SUBJECT.

Submitting a copy of Proceedings Dis No. 4711 d/27th July 04 reviewing the report on the working of the Madras Medical College for the year 1903-1904.

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10348-9/03 ✓ | 10505 ✓ 25-8-02
565/03 Mis 20 H 03 ✓ | 860 Mil ✓ 10-10-01
697-9-6 03 Lec 997-27 | 6-6-02 ✓ 10-6-01

FURTHER PAPERS.

2

1P

To

The Secretary to Government,

Educational Department.

Sir,

I have the honour to submit, for the information of Government a copy of my Proceedings Dis No. 4711 d/27th July 1904 reviewing the report on the working of the Medical College, Madras during 1903-1904.

I have the honour to be,

S i r,

Your most obedient servant,

J R Scott

Director of Public Instruction.

D.P.I. 29-7

3 EDUCATIONAL DEPARTMENT.

9

E. 12

1,200—7-1903

READ AGAIN G.O., No. , dated 190 .

" " " " , " 190 .

READ ALSO:—

C. No. 1340, From the D.P.I, No. 6519, dated 29-7- 1904

" " " " , " , " 190

" " " " , " , " 190

ORDER No. 491, dated 9-8- 1904

Pj

Recorded. 11.6.8.4 HDJ

Desp 9/8/4

[2. It is satisfactory to note that although there was a fall in the total strength of the institution as observed in para: 2 of the Director's review, the strength of the College Department rose from 142 to 158.]

Pj 6/8/4

To Accts ✓
.. Dig. ✓
.. Dic ✓
.. Public Department ✓
.. D.A.G. Madras Command
.. Editor's Table.

Disps 6/9/4

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Endorsement No. 492 & 9-8-04

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Letter of Government.

Statement with ditto.

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