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Educational (1902) Department.

ORDINARY PRINTED.

G.O., No. 505 & 506

DATED 25th August 1902

N. P.

INDEXED.

ORIGINAL

-12

[Despatch Abstract.]

Medical College, Madras

Reviewing the report on the working of the ——— during the year 1901 — 1902.

BACK PAPERS.

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

FURTHER PAPERS.

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Government {1902} of Madras.

EDUCATIONAL.

Recd. } 1902. *Enclosures*

Regd. *Spare copies*

ORIGINAL

G.O., &c., Nos. 505, 506, 25th August 1902.

AUGUST.

Medical College, Madras.

Reviewing the report on the working of the — during the year 1901-1902.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

From the Hon'ble Mr. G. H. STUART, M.A., Director of Public Instruction, Madras, to the Secretary to Government, Educational Department, dated 19th July 1902, Cur. No. 5297.

I have the honour to submit, for the information of Government, a copy of my Proceedings, Dis. No. 3772, dated 17th instant, reviewing the report on the working of the Medical college, Madras, for the year 1901–1902.

Enclosures.

Proceedings of the Director of Public Instruction, Dis. No. 3772, dated 17th July 1902.

Read—the following letter from Lieutenant-Colonel W. R. BROWNE, M.D., I.M.S., Principal, Medical College, Madras, to the Director of Public Instruction, dated 30th May 1902, No. 101 :—

In forwarding herewith the report on the working of the Medical College during the session 1901–1902, I have the honour to state that owing to recent orders some items of information that have previously appeared in the annual reports have either been relegated to the appendix or have been omitted altogether, and the paragraphs of this report are thus not strictly comparable with the paragraphs of the reports of recent years.

2. For purposes of record, I subjoin the subjects of the omitted paragraphs and give the Government orders under whose authority they originally were inserted—

Paragraph 21 dealing with "the number of lectures and examinations"—G.O., No. 300, Educational, dated 17th October 1866.

Paragraph 22 dealing with "medals and special prizes"—Government order not traceable. This information has been recorded in the reports since at any rate 1847—the report for which year is the earliest of those preserved in the office.

Paragraphs 12 and 13 referred to "the Professors' class reports" and "reports on clinical instruction". The former have been added to the annual report since 1862–63, and the latter was added in accordance with G.O., No. 615, Educational, dated 18th August 1894.

The foregoing are to be omitted altogether, and the following subjects are to appear in the appendix :—

Paragraph 7, which shows the districts to which the students belonged, was added to the annual report by order of the Director of Public Instruction in No. 9154, dated 4th September 1890.

Paragraph 8 showing the distribution of students according to race, caste and sex—order of the Director of Public Instruction in No. 6074, dated 1st September 1883.

Paragraph 9 showing the occupation and wealth condition of the parents and guardians of the students—order of the Director of Public Instruction, No. 8105, dated 30th July 1896.

Paragraph 16 giving the distribution of students of the Hospital Assistant department according to their year of study. This was added to the report for 1896–97 by the Principal as a convenient method of dealing with the subject.

ANNUAL REPORT OF THE MADRAS MEDICAL COLLEGE, SESSION 1901–1902.

The sixty-seventh session of the College began on the 1st July 1901 and terminated on the 31st March 1902.

2. Changes in the staff.—The reorganisation of the college staff necessitated the following changes at the commencement of the session :—

(1) Lieutenant-Colonel W. R. Browne, M.D., I.M.S., was relieved [1] of his duties as Professor of Medicine by Major R. Robertson, M.B., I.M.S.[2]

(2) Lieutenant-Colonel T. H. Pope, M.D., B.SC., I.M.S., vacated [3] the chair of Physiology and was succeeded by Captain F. D. S. Fayrer, M.A., I.M.S., who was appointed [4]to act for him, pending the return from furlough of the permanent incumbent,[5] Major F. J. Crawford, M.D., I.M.S.

(3) Lieutenant-Colonel W. B. Browning, C.I.E., I.M.S., was appointed [6] to the chair of Medical Jurisprudence, but as he was permitted to continue on the staff of His Excellency the Governor, Captain W. Molesworth, M.B., I.M.S., was deputed [7] to act for him.

(4) Major A. E. Grant, M.B., I.M.S., was gazetted [8] to the joint Professorship of Hygiene and Practical Bacteriology, but as he was then acting in the post of Sanitary Commissioner, Captain J. W. Cornwall, M.D., I.M.S., was ordered to act [9] for him.

(5) Major G. G. Giffard, I.M.S., was appointed [10] to the Professorship of Materia Medica, but owing to his absence on furlough[11] in Europe, Captain P. C. Gabbett, I.M.S., acted for him.[12]

(6) Captain W. J. Niblock, M.B., I.M.S., who previously held the chair of Medical Jurisprudence, was appointed [13] to that of General Biology.

As now arranged there are seventeen Professors and Lecturers, namely :—

Professor of—	Associated duties.
Anatomy	Second Surgeon, General Hospital, and Port and Marine Surgeon.
Biology	Third Surgeon, General Hospital.
Chemistry	Chemical Examiner to Government.
Dental Surgery	Attends Out-patient Department, General Hospital, thrice a week.
Hygiene and Bacteriology	Deputy Sanitary Commissioner.
Materia Medica and Therapeutics ...	Fourth Physician, General Hospital.
Medical Jurisprudence	Surgeon, Fourth District.
Medicine	Surgeon, Second District, and First Physician, General Hospital.
Midwifery	Superintendent, Government Maternity Hospital.
Ophthalmology	Superintendent, Government Ophthalmic Hospital.
Pathology	Third Physician, General Hospital.
Physiology	Surgeon, Third District, and Second Physician, General Hospital.
Surgery	First Surgeon, General Hospital.

(1) G.O., No. 406, Public, dated 12th July 1901.
(2) G.O., No. 407 do.
(3) G.O., No. 419 do.
(4) G.O., No. 409 do.
(5) G.O., No. 408 do.
(6) Notification No. 40, Educational, dated 12th July 1901.
(7) Do. No. 41 do.
(8) G.O., No. 421, Public, dated 12th July 1901.
(9) G.O., No. 422 do.
(10) G.O., No. 410 do.
(11) G.O., No. 194, Public, dated 18th March 1901.
(12) G.O., No. 411, Public, dated 12th July 1901.
(13) G.O., No. 415 do.

Lecturer on—	Associated duties.
Botany	
Mental diseases	Superintendent, Government Lunatic Asylum.
Midwifery to Female students ...	Assistant Superintendent, Government Maternity Hospital.
Physics	Chemical Examiner to Government.

The other casual changes in the staff, which comprised the following, also occurred at the commencement of the session.

(1) In consequence of the 12 months' extension of leave granted[14] to Lieutenant-Colonel H. Allison, M.D., I.M.S., Captain H. Kirkpatrick, M.B., I.M.S., was appointed to act[15] for him in the chair of Anatomy.

(2) Lieutenant-Colonel T. H. Pope, M.D., B.SC., I.M.S., proceeded on seven months' furlough to Europe[16] and he was succeeded in the chair of Ophthalmology by Captain R. H. Elliot, M.B., B.S., I.M.S.[17]

(3) Captain C. H. Leet Palk, M.B., I.M.S., was granted furlough to Europe[18] at the end of last session and the Lectureship on Mental diseases, which he had vacated, was filled by Captain C. B. Harrison, M.B., I.M.S.[19]

It may be noted that no interruption to the continuity of the teaching was effected by any of these changes.

The acting Gymnastic Instructor, Muhammad Abid Hussain, was confirmed in his appointment with effect from 21st January 1901.

3. Strength of the College.—There were 406 students on the rolls at the opening of the session. Forty-two joined subsequently, and 76 were admitted into the Sanitary Inspector's class in January, bringing the total number of students to 524, the highest figure we have yet recorded. Thirty-five casualties occurred in all departments of the college and thus 489 completed their curricula, six more than last session.

4. Standards of admission.—These remain as heretofore, and last year's remark on the Military Hospital Assistant class has to be repeated. One Matriculate entered this class last year, none did so this session.

5. New admissions.—A falling off in the total entries this year took place, chiefly due to the following causes :—

(1) Only one military pupil for the Bengal command was sent to be educated in this College, whereas 23 entered last year.

(2) In the Hospital Assistant department only 15 pupils were recruited, against 29 last year.

(3) Probably owing to the fact that all the candidates who have already qualified for the post of Sanitary Inspector have not yet found employment, the entries for the Sanitary Inspector's class were fewer by 19 than in last year. No British soldiers, moreover, were sent to be trained as Sanitary Inspectors, whereas 10 were admitted last year. The ruling regarding the registration fee of Rs. 5 with forfeiture thereof, in the event of not joining College, operated somewhat more effectually this year than previously, in the prevention of the forwarding of frivolous applications for admission into the class. Forfeiture of the registration fee was enforced in 16 cases, against 23 of last year.

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

Department.	1897–98.	1898–99.	1899–1900.	1900–1901.	1901–1902.	Increase or decrease, as compared with previous session.
College { M.B.	12	21	24	33	37	+ 4
College { L.M.S.	5	1	7	6	6	..
Apothecary	28	12	15	45	39	— 6
Chemist and Druggist	1	..	1	1	1	..
Hospital Assistant	70	42	56	78	64	— 14
Sanitary Inspectors' Class	86	99	87	92	76	— 16

While the diminished entries in the lower departments are thus accounted for, it is satisfactory to note that for the highest class in the college, namely, for the M.B. and

(14) G.O., No. 469, Public, dated 13th August 1901, and G.O., No. 36, Public, dated 21st January 1902.
(15) G.O., No. 417, Public, dated 12th July 1901.
(16) G.O., No. 353 do. 11th June 1901.
(17) G.O., No. 420 do. 12th July 1901.
(18) G.O., No. 195, Public, dated 18th March 1901.
(19) Notification No. 27, Educational, dated 23rd April 1901.

C.M., the entries continue to increase, 37 students having begun their five years' course this session—four more than last year. For the less arduous degree of L.M. & S. the entries remain the same, namely, six, while of the remaining class, that of "Chemist and Druggist," a single entry again marks its unpopularity.

6. Distribution of students.—The distribution of the 524 students was as follows :—

Department.	Designation of students.	No.	
College	M.B. & C.M. (females 4)	71	
	L.M. & S.	30	
	Casual (females 2)	34	
			— 135
Apothecary ...	Military pupils	73	
	Colonial Apprentices	11	
	Female students...	17	
	Private pupils	2	
			— 103
Chemist and Druggist			1
Hospital Assistant	Native Military pupils	52	
	Civil pupils	64	
	Local and Municipal pupils	5	
	Mysore pupils	38	
	Coorg pupil	1	
	Burma pupils	14	
	Madras-Burma pupils	21	
	Private pupils	11	
	Female ,, ...	3	
			— 209
Sanitary Inspectors' Class			76
	Total ...		524

7. Casualties.—There were 35 casualties during the session, against 27 in the preceding year, viz., fourteen in the College, three in the Apothecary, and thirteen in the Hospital Assistant department, and five in the Sanitary Inspectors' class. Of the fourteen casualties in the College department, three M.B. students ceased attendance without assigning any reason; four M.B. students resigned for private reasons, two M.B. and one L.M. & S. students ceased attendance on account of illness, and three M.B. and one L.M. & S. students died. In the Apothecary department, two military pupils of the second year were allowed to intermit their studies, on account of illness, and one third year military pupil died. In the Hospital Assistant department, one third year private pupil ceased attendance, without assigning any reason; a first year native military pupil and a first-year civil pupil ceased attendance on account of domestic affairs; one Madras-Burma and two private pupils resigned; one third year native military pupil intermitted his studies owing to illness; one civil and two Mysore pupils of the second year ceased attendance, on account of alleged illness; one ward orderly was dismissed under the orders of the Director-General, Indian Medical Service, for incompetency, and two pupils of the second year (one Native military and one Madras-Burma) died. One student of the Sanitary Inspectors' class ceased attendance and four resigned for private reasons.

8. Professor's class reports.—No unusual features have to be noted in the reports of the several classes by the Professors, nor is any special comment necessary on the short reports on clinical instruction furnished by the several teachers. It is possible that some revision of the course of study in the third year of the L.M. & S. section will become necessary, as experience seems to show that the year is overloaded with subjects.

9. College Department.—As shown in paragraph 6, there were 135 students attending College in this department, against 121 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.	*37	16	11	7	..	71	*Includes four female students.
L.M. & S.	6	‡11	13	..	..	30	†Includes two female students.
Casual	†12	9	4	4	5	34	‡Includes five from First M.B. class of last year.
Total ..	55	36	28	11	5	135	

(*a*) The number (34) of casual students in this department was much larger than usual and the increase was chiefly due to men who had failed at the University examinations of 1901, or preceding years, coming back to take out additional courses of lectures. Eleven first M.B., four 2nd M.B., three 3rd M.B. and one final L.M. & S.—all under the new regulations—thus came back, while five 2nd M.B., four 1st L.M. & S. and three 2nd L.M. & S., under the old rules, similarly returned to College. Three other students had also to re-attend, to obtain the certificates that had been withheld from them.

(*b*) This year, twelve term certificates were withheld from six students of this department.

(*c*) The four female students in the first year M.B. & C.M. class made satisfactory progress during the session and will proceed to their First examination in April of this year. The other two female M.B. students appeared for their First examination last April and, having failed, took out casual courses this session.

(*d*) The following tabular statement shows the number examined at the University and the results of the examination for the past five years :—

Examinations.		1896-97.	1897-98.	1898-99.	1899-1900.	1900-1901.
First L.M. & S. (old rules).	Number examined	8	5	..	..	..
	,, passed	3	2	..	..	..
	Percentage	37·5	40	..	..	..
First L.M. & S. (new rules).	Number examined	..	..	6	8	18
	,, passed	..	..	3	6	13
	Percentage	..	..	50	75	72·2
Second L.M. & S. (old rules).	Number examined	31	22	11	6	..
	,, passed	11	7	5	2	..
	Percentage	35·4	31·8	45·4	33·3	..
Second L.M. & S. (new rules).	Number examined	..	..	..	5	7
	,, passed	..	..	..	2	..
	Percentage	..	..	..	40	..
Final L.M. & S. (new rules).	Number examined	.	..	..	..	2
	,, passed	..	..	..	..	..
	Percentage	..	..	..	..	..
Preliminary Scientific examination.	Number examined	17	..	..	..	..
	,, passed	11	..	..	..	..
	Percentage	64·7	..	..	..	..
First M.B. & C.M. (new rules).	Number examined	..	12	21	24	35
	,, passed	..	7	14	9	16
	Percentage	..	58 3	66·6	37·5	45·7
Second M.B. & C.M. (new rules).	Number examined	..	..	6	16	13
	,, passed	..	..	6	9	11
	Percentage	..	..	100	56·2	84·6
Third M.B. & C.M. (new rules).	Number examined	..	..	..	..	6
	,, passed	..	..	..	..	..
	Percentage	..	..	..	..	..
First M.B. & C.M. (old rules).	Number examined	11	15	17	..	..
	,, passed	4	8	12	..	..
	Percentage	36·3	53·3	70·6	..	..
Second M.B. & C.M. (old rules).	Number examined	4	3	5	9	15
	,, passed	3	2	3	4	9
	Percentage	75	66·6	60	44·4	60
Total ..	Number examined	71	57	66	68	96
	,, passed	32	26	43	32	49
	Percentage	45	45·6	65·1	47	51

I alluded in paragraph 12 of last year's report to the failures at three of the examinations of last year. It is now expected that, with the experience then gained of the scope and severity of the examinations in the subjects in which failure occurred, more favourable results will accrue in this and succeeding years. The results of this year's examination tend to show that this expectation will be realised.

(*e*) *Former students of the College.*—Mr. H. M. Pereira, L.M. & S. of the Madras University and L.R.C.P. & S., Ed., obtained the diploma in Public Health granted by the University of Cambridge, and both Messrs. D. Mc N. Ford, L.M. & S. of Madras, and G. J. Harman, who completed a five years' course in the M.B. & C.M. section of this College, obtained the diploma granted conjointly by the Royal College of Physicians and Surgeons of Edinburgh and the Faculty of Physicians and Surgeons of Glasgow, as did also Military Assistant Surgeon D. R. Gonsalvez, L.M. & S. of the Madras University, who passed out in 1894, and Miss E. Boomgardt. Mr. J. W. McCoy, Licentiate in Medicine and Surgery of the Madras University, who subsequently obtained the diploma granted conjointly by the Royal College of Physicians and Surgeons of London, succeeded in obtaining a commission in the Indian Medical Service, taking the 15th place in the list of 25 who successfully competed for the service.

10. Apothecary department.—The total strength of the department amounted to 103 students, against 102 of the preceding year, or an increase of one. The following tabular statement gives the distribution of the 103 students, according to their year of study :—

Section of Apothecary Department.	Year of study. First.	Second.	Third.	Fourth.	Total.
Military pupils	38	26	6	3	73
Colonial apprentices	5	2	2	2	11
Female students	2	4	9	2	17
Private pupils	..	..	2	..	2
Total ..	45	32	19	7	103

One Colonial apprentice of the fourth-year class failed to obtain a term certificate and was therefore debarred from appearing for the Final examination for the College diploma. Of the remaining six who appeared for this examination, four passed in the second class. Three students of this class obtained each a certificate of honour.

One military pupil of the third-year class died during the session, and two female pupils, who failed to obtain term certificates in four subjects, were debarred from appearing for the Second examination. Of the remaining sixteen who appeared for this examination, fourteen passed in the second class. Only three students of this class obtained each a certificate of honour.

Two military pupils of the second-year class were allowed to intermit their studies on account of illness. Two others, who failed to obtain a term certificate, were debarred from appearing for the First examination. Of the remaining twenty-eight who sat for this examination, twenty-one passed in the second class.

Four students of the first-year class obtained five certificates of honour.

The results of the years' examinations conducted by the Board on the pupils of the Apothecary department were on the whole satisfactory.

11. Chemist and Druggist Department.—The solitary student who entered this department will appear for his first examination, under the Technical examination scheme, in April 1902.

12. Hospital Assistant Department.—There were 209 students in this department, representing an increase of fifteen on last year's figure of 194. This number includes sixty-seven students who were in their third year of study, among whom there were three casualties. Fifty-three of these appeared for the Final examination, together with a student who had completed the L.M. & S. course, and another, who failed last year and was allowed to appear again privately, bringing up the total to fifty-five. Of this number, forty-eight passed, three in the first class. Eleven pupils were debarred from appearing for this examination, as they had failed to obtain their term certificates in one or more subjects. Seven of these will be remanded for another year and the rest dismissed. Eight pupils won eighteen certificates of honour in this class.

The second-year class consisted of seventy-two pupils, twenty-two of whom failed to obtain their term certificates and seven others gained nine certificates of honour.

The first-year class consisted of seventy pupils, seven of whom failed to obtain their term certificates, while three others obtained two certificates of honour each.

13. Sanitary Inspectors' class.—This class comprised seventy-six students, some particulars of whom are given in paragraph 5. During the course of instruction which began on the 8th January and terminated on the 26th March 1902, forty lectures were delivered to the class by the Professor of Hygiene and ten tutorial meetings were held by his Assistant. In addition, fifteen excursions were made to places of sanitary interest in Madras and in the demonstrations, attendant on these visits, the Health-officer of Madras (Captain Miller, I.M.S.) was good enough to aid the Professor and his Assistant, by conducting the class on several occasions. Eighty-six of the ninety-two students who composed the class last year appeared for the Government Technical Examination in Hygiene and fifty of them passed in the second class.

14. Average attendance, &c.—The average daily attendance during the session was as follows :—

College department	121·9
Apothecary department	96·4
Chemist and Druggist department	·91
Hospital Assistant department	192·9
Sanitary Inspectors' class	70·2
The average number of pupils stood as under—	
College department	126·3
Apothecary department	101·2
Chemist and Druggist department	1
Hospital Assistant department	201·4
Sanitary Inspectors' class	74

15. Female students.—There has been a diminution in the total number of female students attending the college, due to lack of applicants for vacancies in the Apothecary class of the Dufferin fund. An enquiry is being held by the Fund as to the reason of this falling off of applications for scholarships, and I have pointed out one of the causes of diminution as being due to the increased stringency in the provisions of the bonds which have been demanded of recent years of the scholarship holders. There are doubtless other causes at work amongst the higher social grades of the Eurasian community that make the girls thereof unwilling to accept the terms offered in these scholarships, but it is difficult to get information on the subject and the causes can only be surmised. Last year there were thirty-two students, this year twenty-six attended college, and the following table gives the details of their class and year :—

Department.	Year of study.					Total.
	First.	Second.	Third.	Fourth.	Fifth.	
M.B. & C.M.	6	..	..	..	..	6
Apothecary	2	4	9	2	..	17
Hospital Assistant	2	..	1	..	..	3
Total ..	10	4	10	2	..	26

As regards race, the majority (nineteen) are, as usual, Eurasians or Europeans, six are Native Christians and there is one non-Brahman Hindu. Twelve of the twenty-six hold Dufferin scholarships, four hold other scholarships and ten, as private students, do not receive stipends from any source. The success of the whole class in passing their examinations was indifferent, and their scholastic attainments and ability to apprehend the less easy portions of the subjects studied have been unfavourably commented on by several of the Professors. It would seem that, not only is there a difficulty in obtaining candidates, but that those who do offer themselves are of inferior mental power to those students that did so well at college some ten years ago.

Four students appeared for the First college examination and two passed. Seven went up for the Second college examination and five passed, while two were debarred from appearing at this examination for failure to obtain class certificates. Two appeared at the Final examination and one satisfied the Examiners. The solitary senior Hospital Assistant student also passed her Final examination.

16. College Diplomas—Examinations for.—These examinations began on the 13th March and terminated on the 31st idem, and were conducted by Lieut.-Colonel F. C. Reeves, I.M.S., as President, and Major R. Robertson, M.B., I.M.S., and Captain W. J. Niblock, M.B., I.M.S., as members—

(*a*) For the First examination for the diploma of Medical Practitioner and Assistant Surgeon, twenty-eight candidates appeared, of whom twenty-one were declared to have passed in the second class.

(*b*) For the Second examination for this diploma, sixteen candidates appeared, of whom fourteen passed in the second class.

(*c*) For the Final examination for this diploma, six candidates appeared, four of whom passed in the second class.

(*d*) For the diploma of Hospital Assistant, sixty-four candidates appeared, including nine from the Tanjore Medical school, of whom forty-eight passed from this College and five from Tanjore, three in the first class.

The following tabular statement shows the **results of college examinations** for the past quinquennium :—

Examination.	—	1897–98.	1898–99.	1899–1900.	1900–1901.	1901–1902.
Apothecary, Primary Examination ..	Number examined	18	10	..	..	..
	Number passed	6	9	..	..	..
	Percentage	33·3	90	..	..	..
Apothecary, First Examination	Number examined	..	17	21	18	28
	Number passed	..	7	13	15	21
	Percentage	..	41·1	61·9	83·3	75
Apothecary, Second Examination ..	Number examined	..	..	7	9	16
	Number passed	..	..	6	6	14
	Percentage	..	..	85·7	66·6	87·5
Apothecary, Final Examination ..	Number examined	20	22	15	15	6
	Number passed	10	18	11	15	4
	Percentage	50	81·8	73·3	100	66·6
Hospital Assistant, Final Examination ..	Number examined	72	68	70	45	55
	Number passed	42	55	50	31	48
	Percentage	58·3	80·8	71·4	68·8	87·8

17. Physical Training.—The College Athletic Club showed great activity during this session, and the annual sports proved a decided success.

18. Library and Museum.—One hundred and fifty-five books were added to the library, twenty-nine of which were contributed from local sources, and the rest were procured by purchase up to the limits of the sanctioned allotment. The ordinary amount of use was made of the library. Thirty-three specimens were added to the museum.

19. College Council.—Five meetings of the Council were held during the year; the more important subjects considered at these meetings were as follows :—

Recommending remands and dismissals of students ; awarding gold medals, special prizes and certificates of honour to students ; considering the report of the Board of Examiners ; framing rules for the award of the Kannuswami Prize ; disposing of petitions from dismissed students ; framing revised rules for the remand and dismissal of students of the Apothecary and Hospital Assistant departments ; considering the subject of clinical instruction with reference to paragraph 4 of the Director's review of the College annual report for last session ; appointing a sub-committee for revising the Medical College calendar ; recommending the extension of the clinical year for the Hospital Assistant department ; framing rules for the award of the Branfoot Memorial Prize.

20. Buildings.—The following table shows the details of expenditure incurred by the Public Works department on additions and repairs to the College buildings during the year :—

Description of works.	Amount of expenditure during 1901–1902.
* Constructing Dormer windows in roof of Macerating shed ...	
* Providing sun shades to Physiology lecture room and Laboratory...	
* Providing punkah to Hygiene Laboratory	1,913
* Improvements to South Dissecting shed	
* Erecting a small retiring room for the Professor of Anatomy ...	
Providing hand fire engine and buckets	
Annual Repairs	523
Repairs to North Dissecting shed, water taps and tanks, etc. ...	130
Total ...	2,566

* Original works.

21. Receipts and Expenditure.—The finally adjusted figures of the receipts and expenditure of the previous year were Rs. 81,348 and Rs. 1,85,043, respectively. The provisional figures for this year are Rs. 67,780 and Rs. 1,74,490. The details are as follows :—

Receipts during the official year 1901–1902.

	Rs. A. P.	Rs. A. P.
Fees	21,138 8 0	
Miscellaneous	608 9 11	
		21,747 1 11
Local Fund contributions	27,441 0 0	
Municipal ,, ...	18,592 0 0	
		46,033 0 0
Total ...		67,780 1 11

The total receipts show a diminution of Rs. 13,568 on those of last year, the decrease being chiefly due to a marked falling off in the contributions from Municipalities and Local Boards. The College office is not in a position to account for these fluctuations. Fees proper show a further increase of Rs. 853 and is again due to the larger number of students studying in the College department. The miscellaneous receipts from fines, sale-proceeds of college calendar and of unserviceable articles etc., amounted to Rs. 608 or Rs. 130 more than last year.

Charges during the official year 1901–1902.

	Rs.	A.	P.
Principal	18,000	0	0
Professors	85,932	3	11
Assistant Professors	17,731	10	8
Allowance for clinical teaching, Native Infirmary ...	1,600	0	0
Lecturers	2,300	0	0
Allowance to Superintendent and Deputy, Lunatic Asylum.	680	0	0
Assistant Demonstrators of Anatomy	1,506	9	0
Exchange compensation allowance	6,245	12	0
House-rent allowance	1,777	13	8
Travelling „	290	2	6
Remuneration to the Board of Examiners	600	0	0
Clerks and servants	5,252	9	0
Rents, rates and taxes	2,087	10	3
Purchase of instruments and chemicals	4,867	8	9
Books for Civil pupils	1,249	14	0
Library allowance	982	4	3
Training of Sanitary Inspectors	1,052	4	10
Temporary establishment	2,485	10	8
Conveyance allowance	360	0	0
Stipends of Civil pupils	6,110	0	0
„ of Burma pupils	6,509	0	0
„ of Madras-Burma pupils	4,293	7	9
Purchase of furniture	1,035	9	8
Repairs to furniture	76	5	6
Purchase of books	23	0	2
Freight charges	33	9	0
Hot weather charges	6	13	0
Tour charges	780	1	8
Postage charges	41	0	0
Telegraph charges	1	6	0
Office expenses	324	9	4
Miscellaneous	193	4	8
Total ...	1,74,490	4	3

The total charges show a decrease of Rs. 10,553 on the previous year; this decrease is spread over several heads, the more important of which are as follows :—

A decrease of Rs. 6,779 occurred against the Professors; this is due mainly to two causes viz., to less payments to acting incumbents of the chairs of Anatomy and Ophthalmology and to the non-debit to the College of the pay of Professor of Hygiene (who is also the Deputy Sanitary Commissioner for Madras) during the major portion of the year. Owing to the ruling of the Account department that the Acting Superintendent of the Lunatic Asylum is not eligible for any remuneration for his duties as Lecturer on Mental Diseases at the College, a saving of Rs. 2,200 accrued under this one item.

Decreased expenditure occurred also under the following items :—

	Rs.
(1) House-rent allowance	2,234
(2) Remuneration to the Board of Examiners	750
(3) Madras-Burma pupils	1,669

The decrease under the first head is due to the charge not having been incurred on account of two Professors. The decrease under (2) is probably nominal, as the full charge on account of the Board of Examiners may yet be shown in the final statement of charges for March 1902 to be furnished later on by the Accountant-General. The decrease under (3) is attributable to the smaller number of pupils under training.

On the other hand, increased expenditure occurred against—

	Rs.
(1) Rents, rates and taxes	671
(2) Temporary establishment	841
(3) Stipends of Civil pupils	661

The increase under the first head is due to heavy extra water-tax levied by the Madras Municipality. The promotion to the higher grade of the Civil Apothecary holding the appointment accounts for the increase under (2). The increase under (3) is due to the increased number of pupils under training.

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

22. The service-books have been verified up to the 31st December 1901 and the inventory of valuable stock up to 31st March 1902.

Madras,
17*th May* 1902.

W. R. BROWNE, M.D., Lieut.-Col., I.M.S.,
Principal, Madras Medical College.

APPENDICES.

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

Districts.	College department.	Apothecary department.	Chemist and Druggist department.	Hospital Assistant department.	Sanitary Inspectors' class.	Total.
Bellary	1	2	..	1	..	4
Bombay	2	1	..	..	..	3
Burma	1	..	..	14	..	15
Ceylon	6	1	..	1	..	8
Chingleput	4	4	..	9	4	21
Cochin	3	1	..	1	..	5
Coimbatore	..	1	..	3	3	7
Coorg	..	..	..	1	..	1
Cuddapah	..	..	..	3	..	3
Ganjám	1	..	..	2	2	5
Goa	1	..	..	..	..	1
Gódávari	1	4	..	12	1	18
Hyderabad (Deccan)	..	..	..	1	..	1
Kistna	..	1	..	3	..	4
Kurnool	..	..	..	1	..	1
Madras	21	39	..	19	18	97
Madura	1	4	..	8	3	16
Malabar	12	5	..	16	4	37
Mysore	17	11	..	37	3	68
Nellore	..	..	..	2	2	4
North Arcot	4	1	..	12	2	19
Nilgiris	..	4	..	..	1	5
Pudukkóttai	..	..	..	1	..	1
Salem	1	..	..	6	1	8
South Arcot	1	2	..	3	2	8
South Canara	14	..	..	6	..	20
Straits Settlements	..	11	..	..	..	11
Tanjore	10	..	..	15	15	40
Tinnevelly	5	..	..	20	7	32
Travancore	28	10	1	4	3	46
Trichinopoly	1	1	..	5	2	9
Vizagapatam	..	..	..	3	3	6
Total	135	103	1	209	76	524

B.—Classes of community.

Race, caste and sex.		College department.	Apothecary department.	Chemist and Druggist department.	Hospital Assistant department.	Sanitary Inspectors' class.	Total.
Europeans and Eurasians	Males	9	84	..	3	2	98
	Females	4	14	..	1	..	19
Native Christians	Males	29	1	1	51	7	89
	Females	1	3	..	2	..	6
Brahmans	Males	52	..	..	23	38	113
Non-Brahmans	Males	38	..	..	77	26	141
	Females	1	..	..	..	..	1
Muhammadans		1	..	..	39	3	43
Burmese		..	..	..	13	..	13
Chinese		..	1	..	..	..	1
Total		135	103	1	209	76	524

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	9	53	5	41	..	5	12	..	9
	Females	..	4	..	2	..	..	..	..	2
L.M. & S.	Males	2	25	3	15	..	2	9	..	4
Casual	Males	1	30	1	15	1	2	4	..	10
	Females	..	1	1	1	..	..	..	..	1
Chemist and Druggist	Males	..	1	..	..	..	1	..	..	..
Apothecary	Males	9	70	7	58	..	6	3	..	19
	Females	..	17	..	11	..	..	..	..	6
Hospital Assistant	Males	6	128	72	89	9	28	25	..	55
	Females	..	2	1	3	..	..	..	..	..
Sanitary Inspectors' Class	Males	1	62	13	40	..	4	14	..	18
Total	Males	28	369	101	258	10	48	67	..	115
	Females	..	24	2	17	..	..	..	..	9

D.—Strength of the Hospital Assistant class.

Class of Medical pupils.	First year.	Second year.	Third year.	Total.
Native Military pupils	16	24	9	49
Do. remanded	2	1	..	3
Civil Medical pupils	20	21	19	60
Do. remanded	..	2	2	4
Madras-Burma pupils	5	6	5	16
Do. remanded	1	1	3	5
Burma pupils	5	3	5	13
Do. remanded	..	..	1	1
Mysore pupils	11	9	11	31
Do. remanded	2	1	4	7
Coorg pupils	..	1	..	1
Ganjám Local Fund pupil	1	..	1	2
South Canara Local Fund pupils	..	..	1	1
Gódávari Local Fund pupils	..	2	..	2
Private Medical pupils	5	1	5	11
Female pupils	2	..	1	3
Total	70	72	67	209

N. Ref. on C. No. 4301.

Forwarded to the Surgeon-General with the Government of Madras for favour of remarks and return.

T. R. SCOTT,
for *Director of Public Instruction.*

5th June 1902.

Read—the following endorsement of Surgeon-General D. SINCLAIR, M.B., Surgeon-General with the Government of Madras, to the Director of Public Instruction, dated Ootacamund, 20th June 1902, No. T.1. /104 :—

Returned as requested.

2. The most important feature of the report is the reorganisation of the professorial staff under the new scheme, which necessitated a redistribution of chairs. The Principal, who was hitherto the Professor of Medicine, has been relieved of teaching work and his duties are now purely administrative.

3. The changes among the teaching staff were not so marked as in the last year.

4. The strength of the college during the year was the highest yet recorded, but there was a fall in new admissions due chiefly to Bengal having sent only one military pupil against 23 in the previous year and the candidates for the sanitary classes being less by 19.

5. It is gratifying to note that six former students of the college obtained European distinctions and one of them succeeded in securing a commission in the Indian Medical Service.

6. Arrangements for the separate teaching of the hospital assistant pupils are likely to be completed by the end of the current year.

7. The decline in the number of applicants for vacancies in the apothecary class of the Dufferin fund may not be unconnected with the smallness of emoluments offered after the ladies complete their studies.

Proceedings, Dis. No. 3772 of 1902.

Recorded.

2. The fall in the number of female students owing to lack of applicants for the Dufferin fund scholarships is to be regretted. The results of the inquiry which, the Principal says, is being held by the fund as to the causes of this decline should be reported for the information of the Director.

3. The entire failure of the college students at three of the University examinations of 1901 has been commented upon in the review of last year's report.

(A true Extract.)

G. H. STUART,
Director of Public Instruction.

To the Principal, Medical College,
with six spare copies.
„ Principals of Government First-grade and Professional Colleges.

Copy to the Surgeon-General,
„ Sanitary Commissioner,
„ Government (with C.L.),
} for information.

Order—No. 505, Educational, dated 25th August 1902.

The strength of the college at the close of the year was slightly in excess of that in 1900–1901 and, taken as a whole, the results except in the case of the apothecary department were better. There was, however, a total failure of the college students at three of the University examinations.

2. The number of students seeking admission to the L.M. & S. class of the college showed no improvement. At present the minimum qualification for entrance to this class is the same as that for the M.B. & C.M. class and students wishing to enter the college naturally elect for the higher course. In view, however, of the difference in the courses of study, the college council and the Director should consider whether the qualification for admission to the latter class should not be raised.

3. So far as the college department is concerned, the latest results now given are those of the work done in the previous year. The Governor in Council considers that the results of the year to which the report relates should be ascertained and embodied in the report.

4. The action taken by the Director with reference to paragraph 2 of G.O., No. 450, Educational, dated 15th August 1901, in the matter of improving the clinical study of the students should be reported.

5. There was only one admission to the Chemist and Druggist class. If there is no improvement in the strength of the class, the question of its abolition will have to be considered.

6. The hospital assistant department will be transferred to Ráyapuram as soon as the necessary accommodation is provided.

7. The Accountant-General will be asked to explain the falling in the contributions from municipalities noticed in paragraph 21.

8. The report is still too long and detailed orders for its curtailment will be issued separately.

(True Extract.)

H. A. STUART,
Ag. Secretary to Government.

To the Director of Public Instruction.
„ Surgeon-General.
„ Public department.
„ Sanitary Commissioner.
„ Deputy Adjutant-General, Madras Command.
„ Accountant-General.

Endorsement—No. 506, Educational, dated 25th August 1902.

Copy to the Government of India, Home Department.

A. T. PRINGLE,
Assistant Secretary to Government.

Exd. S. J. Pereira.

10

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 587, EDUCATIONAL, DATED 23RD SEPTEMBER 1902.

[SUBJECT.—*Medical College report for* 1901–1902.]

From the Director of Public Instruction, dated 19th July 1902, *No.* 5297.

The admissions to the M.B. & C.M. class of the college continued to increase, but those to the L.M. & S. class continued to be few in number. The minimum qualification in both cases is the same, viz., the First-in-Arts examination, and naturally students wishing to enter the college will prefer to go in for the higher degree. Considering, however, the difference in the courses of study, would it not be better to fix the minimum qualification for entrance to the M.B. & C.M. class of the B.A. degree? The college council and the Director may perhaps be asked to consider the matter and report on it.

A

Yes.

A. T. PRINGLE—2-8-02.

2. Taken as a whole, the results produced by the college * and hospital † assistant departments were better than in the previous year, but those of the apothecary ‡ department were worse. At three of the examinations for the college department, however, there were complete failures.

		1899–1900.	1900–1901.
* Percentage of passes	..	47	51
		1900–1901.	1901–1902.
† Do. do.	..	68·8	87·8
‡ Do. do.	..	85·7	78·0

B

Say so.

A.T.P.

3. So far as the college department is concerned, the latest results given are those of the work done in 1900–1901. It would seem advisable for the future to ascertain and embody in the report the results of the year's work. If necessary, the report may even be delayed for a week or two for this purpose. The Principal, however, sent the present report on the 30th of May and by this time the results of the University examinations must have been announced.

C

There is no need for delay. This may be attended to in future reports and the Director of Public Instruction may be told so.

A.T.P.

4. Complaints were made in the previous report about the want of time for sufficient clinical study and the Director was asked to confer with the Principal on this matter and settle what improvement could be made. The college council seems to have considered the subject. It would have been interesting if the result was mentioned in the report.

D

We may inquire.

A.T.P.

5. The chemist and druggist department continued to be unpopular but its days are numbered—*vide* G.O., R. No. 701, Educational, dated 1st November 1901. The Director may perhaps be asked to bear this in mind.

E

I confess to feeling some satisfaction as I believe the closure of the department would be a good thing. The Director of Public Instruction should bear the point in mind.

A.T.P.

6. The hospital assistant department has not yet been transferred to Ráyapuram, but the building at this place is not yet ready and the Public Works department have been asked to put pressure on the Consulting Architect.

F

We may say so, in an official way.

P. T. THARYAN—29-7-02.

A draft may be prepared referring to the points lettered **A—F.**

A. T. PRINGLE—2-8-02.

The draft placed below may issue.

P. T. THARYAN—15-8-02.

After issue please submit a note showing what portions of the report may be omitted. Two pages of statistics and one or two of letter press ought, I think, to be sufficient.

H. A. STUART—18-8-01.

[G.O., 505, Educational, dated 25th August 1902.]

The review has issued.

2. It is submitted that the report may be considerably shortened as particularised below :—

(1) *Paragraph* 2.—The important changes may be noticed in a few words.

(2) *Parayraphs* 3, 5 *and* 6.—These may be thrown into one and considerably shortened.

(3) *Paragraphs* 4, 7, 9 (*a*), 9 (*e*), 19 *and* 20.—These may be omitted.

(4) *Paragraphs* 9 (*d*), 14, 16 (*d*) *and* 21.—These may be thrown into the appendix, any striking variation in the receipts and charges being briefly noticed in the body of the report.

P. T. THARYAN—13-9-02.

Please draft a further order to this effect. I agree on all points.

A. T. PRINGLE—15-9-02.

The draft placed below may issue.

P. T. THARYAN—16-9-02.

A. T. PRINGLE—18-9-02.

J. T[HOMSON]—23-9-02.

[G.O., 587, Educational, dated 23rd September 1902.]

Stock Form No. 127
2,000—1-5-02.

Educational (1902) Department.

CURRENT No. 1083

From

[*Name*] The Hon'ble Mr. G. H. Stuart, M.A.,

[*Designation*] Director of Public Instruction,

[*Station*] Madras.

DESPATCHED
19 JUL. 1902

V.E

Press
Please put the
draft Letter in
type copies to
Principals etc

Current No. 5297 of 02 *Received* 19 JUL 1902 190 .

Dated 19th July 1902.

Enclosures *Registered* 190 .

SUBJECT.

Sub:- copy of Proceedings reviewing the report on the working of the Medical College for the year 1901-02.

BACK PAPERS.

G.O. 428 of 29-1-02
" 3718 of 2-7-01
" 2229 of 21-6-02
" 320 of 10-6-02

FURTHER PAPERS.

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 3772, dated 17th instant reviewing the report on the working of the Medical College, Madras, for the year 1901-02.

I have the honour to be,

Sir,

Your most obedient servant,

T R Scott

For Director of Public Instruction.

Ed. M.

ORDER--No. 505, Educational, dated 15 August 1902.

The report of the Medical college for the year 1901-1902 is concise and calls for very few remarks from Government.

2. The strength of the college at the close of the year was slightly in excess of that in 1900-1901 and, taken as a whole, the results except in the case of the apothecary department were also better. There was, however, a total failure of the college students at three of the University examinations.

3. The number of students seeking admission to the L.M. & S. class of the college showed no improvement. At present the minimum qualification for entrance to this class is the same as that for the M.B. & C.M. class and students wishing to enter the college naturally elect for the higher degree. In view, however, of the difference in the courses of study, the college council and the Director will consider whether the qualification for admission to the latter class should not be raised.

4. So far as the college department is concerned, the latest results now given are those of the work done in the previous year. The Governor in Council considers that the results of the year's work should be ascertained and embodied in the report.

5. The action taken by the Director with reference to paragraph 2 of G.O., No. 450, Educational, dated 15th August 1901, in the matter of improving the clinical study of the students should be reported.

6. There was only one admission to the Chemist and Druggist class. If there is no improvement in the strength of the class, the question of its abolition will have to be considered.

7. The hospital assistant department will be transferred to Ráyapuram as soon as the necessary accommodation is provided. The Consulting Architect has been directed in the Public Works department to expedite the completion of the buildings.

(True Extract.)

H. A. STUART,
Ag. Secretary to Government.

P&D 15/8/2

7 8. The Acct. Genl will be asked to explain the falling in the contributions from municipalities noticed in para 21

8. 1. The report is still too long and detailed orders for its curtailment will be issued separately.

18/8/02

To
The D. P. I.
" Surgn Genl.
" Pub. Deptt.
" Sanitary Comr.
" Dy. Adjutant Genl. M.C.
" Accountant Genl. Pub. Deptt.

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