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ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE,

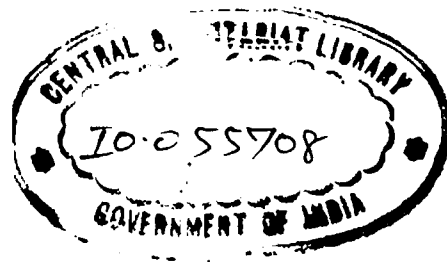
Session 1861-62.

No. LXXI*a*.

M A D R A S

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1862.



No. 886.

To

A. J. ARBUTHNOT, Esq.,

Acting Chief Secretary to Government,

Fort Saint George.

12th May 1862.

SIR,

I have the honor to forward the Annual Report of the Principal of the Medical College, for the official year 1861-62, in order that it may be laid before His Excellency the Governor in Council.

2. At the close of the year, there were eleven students in the Senior Department, which is intended for the instruction of candidates for a Medical Degree, or for the appointment of Civil Sub-Assistant Surgeon; nineteen in the Second, in which provision is made for the education of candidates for the appointment of Assistant Apothecary; and eighty-seven in the Third Department, in which candidates are prepared for Hospital Assistantships. It is to be remarked that, during the year, the Second Department comprised only two classes, instead of its usual complement of three, as the reductions that were being made in the Army, rendered it advisable to commence the Session without calling in a new class.

3. The abolition of the separate class in Medical Jurisprudence, and the division of the work of instruction, in that subject, among the several Professors, a measure which was noticed in the last Annual Report, seems to call for re-consideration. The Right Honorable the Secretary of State for India, in sanctioning the measure, in Despatch No. 5, 16th July 1861, remarks that the change should be regarded as merely experimental, and that a remedy should be applied if the new arrangement failed to provide for the due instruction of the College Students. The Principal now recommends, in order to meet the regulations recently laid down by some Examining Boards, that the Professorship should be re-established, and Dr. Urquhart re-appointed to the office. Mr. Shaw observes that the remuneration of the Professor of Medical Jurisprudence might be either by fees, or by salary. The former would seem the more appropriate, con-

sidering that the separate chair is needed, not by the bulk of the students, but by a few whose aims indicate they are in tolerably easy circumstances. The Principal also suggests that the Professors should continue to incorporate in their lectures, the more strictly professional points in Medical Jurisprudence, but touch only, very generally, on its legal features.

4. In the last Annual Report, it was mentioned that application would be made to the Royal College of Surgeons in England, with the object of inducing that body to modify its rule, prohibiting the receipt of certificates from the same lecturer on more than one branch of medical science. It is gratifying to learn that the rule has now been so far relaxed as to allow lectures on Anatomy and Physiology to be delivered by the same lecturer, and also lectures on Surgery and Clinical Surgery.

5. The conduct of the students during the past Session is described as "most satisfactory." The attendance also in the Senior and Second Departments is said to have been "without an exception, most regular"; that of the Third Department appears to have been less satisfactory.

6. The new Museum is now available to the students. It is calculated to be of much service, both in allowing of a more effective arrangement of models, collections, &c., already belonging to the College, and in affording room for the introduction of new collections. The handsome present made to the Museum by Dr. Montgomery has already been acknowledged by Government.

7. When the Primary Medical School was brought from Vepery Dispensary, and was constituted the Junior Department of the College, it continued to be taught by its two medical tutors. Owing to the death of one tutor, and the retirement on a pension of the other, vacancies were created; these have not been filled up, the work having been assigned to the present Assistants in the College, under the general superintendence of the Principal, and with the aid of weekly examinations by the Professors in the several subjects of study.

8. The Report of the Committee* appointed by Government to conduct the examination of candidates for admission into the subordinate Medical Service, which will be found in the Appendix, is generally favorable; all the members of the senior class in the Second Department, and thirty-one out of thirty-two Students in the Third or Junior Department, being declared to have passed for their respective grades.

President.

* J. McKenna Esq., Deputy Inspector General of Hospitals, Presidency Division.

Members.

J. Sanderson, Esq., Surgeon Major; W. J. Van Someren, Esq., M.D., Assistant Surgeon.

9. The results in Medicine for the senior class in the Second Department, are, however, very inferior to those in the other subjects. This inferiority, though brought out more prominently in the oral examination, is evident as well in the examination conducted in writing. Mr. Arbuthnot, being struck with the fact, and thinking it advisable to ascertain the cause, with a view to applying a corrective, requested the Examiners appointed by Government, and also the Principal of the College, to favor him with their opinions upon the matter. From the letters of these gentlemen, I am led to the conclusion that the unfavorable result is not to be attributed to a want of zeal or industry on the part of the Professor of Medicine, but to the use of compendiums of Medicine by the students, and to a faulty mode of conducting the class examinations during the Session. The Principal purposes taking steps to have both defects corrected; and it is to be anticipated that the Medical class will pass a more satisfactory examination at the close of the ensuing Session.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) E. B. POWELL,

Acting Director of Public Instruction.

SESSION 1861-62.

Principal of the College.....Surgeon-Major J. SHAW, F. R. C. S.

Department of Instruction.

Professor of Chemistry.....Surgeon-Major J. E. MAYER.

Do. of Midwifery, Ophthalmic }
Medicine and Surgery. } Surgeon-Major J. SHAW, F. R. C. S.

Do. of Medicine and Clini- }
cal Medicine. } Surgeon-Major A. BLACKLOCK.

Do. of Surgery and Clini- }
cal Surgery. } Assistant Surgeon J. L. PAUL, M. D.
and A. M.

Do. Materia Medica and }
Botany. } Asst. Surg. H. B. MONTGOMERY,
M. D., A. B., F. R. C. S. I.

Do. Anatomy and Physio- }
logy. } Asst. Surg. W. N. CHIPPERFIELD.

Assistant to the Professor of }
Chemistry. } Mr. G. NORTON.

Demonstrator of Anatom^y and }
Curator of the Museum. } Mr. R. WILKINS.

Assistant to the Professor of }
Botany and Materia Medica. } Mr. J. J. WOOD.

Native Assistant..... M. JUGGERNATHUM NAIDOO.

English Teacher, Junior Depart- }
ment. } Mr. J. E. WATKINS.

Librarian..... Mr. J. JOBARD.

ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE,

SESSION 1861-62.

1. The Lectures commenced on the 1st of August 1861, and terminated on the 29th March last.
2. The Students are classified into three Departments.
 - 1st. Senior Department.
 - 2nd. Second Department.
 - 3rd. Junior Department.
3. At present there are attached to the College.

Senior Department.

Private Students.....	7
Lanc Students.....	2
Government Scholars....	2

Second Department.

1st Class Students.....	11
2nd do. do.	8

Third, or Junior Department.

1st Class Students	32
2nd do.	27
3rd do.	28

Total... 117

4. In consequence of the reductions which were taking place in the Army, it was not considered expedient to call in a new class at the beginning of the past Session; consequently there have only been two, instead of three, classes in the Second Department. Authority has been given for another class of twenty to be entertained next Session.

5. As some misapprehension exists regarding the constitution of the Madras Medical College, it may be well to point out that it is open, irrespective of creed, color, or caste, to all persons of good character, seeking a Medical education.

6. In the Senior Department, the period of instruction is extended over five years. During this time the Student receives an education which qualifies him to take a Degree in Medicine or Surgery at the Madras University or elsewhere. No member of this Department is obliged to enter the service of Government, but he is eligible, should he wish it, to be appointed a Civil Sub-Assistant Surgeon; besides this opening, there is an extensive and increasing field for private practice for qualified persons, not only in Madras, but in many of the large cities of Southern India.

* "A certificate will be required of having passed an examination for Matriculation, or such other examination, as shall in either case from time to time be sanctioned by the Council of this College at a University in the United Kingdom, or at a Colonial or Foreign University recognized by the Council of the College."

Extract from Regulations of College of Surgeons.

7. In accordance with the requirements* of most of the examining bodies in Great Britain, no student is received into the First Department who has not passed the Matriculation examination, either in the Madras, or some other University.

8. Admission to all Lectures delivered in the College, with the exception of the lectures on Medical Jurisprudence, is through the liberality of Government, free to all, the only condition being that students who avail themselves of this privilege, shall consent to be amenable to all the laws of the Institution.

9. The Second Department is for the education of young men qualifying for the grade of Assistant Apothecary, and the Third or Junior Department for the instruction of candidates for the grade of Hospital Assistant.

10. When the Primary Medical School was transferred from the Vepery Dispensary, to become the Junior Department of the College, Messrs. Barrow and Davis, the Medical Tutors, were continued in their appointments. Mr. Barrow has been lately pensioned, and Mr. Davis is dead. The former had been attached to the Primary Medical School since its formation by Mr. Kellie, and it is to Mr. Barrow's excellent mode of tuition that not a little of the success of the experiment is due. Mr. Davis who had also been connected with the Primary School for several years, was a young man of high attainments, and commanded the respect of all. It is not intended to fill up these vacancies; the duties of the Junior Department will in future be carried on under the general

superintendence of the Principal, by the present Assistants in the College, and the Students will as heretofore be examined weekly upon the various subjects of study, by the Professor.

11. Medical Jurisprudence was taught in its various branches in strict accordance with the instructions of Government. When on this subject, it should not be omitted to notice that at the time the Report for last year was written, I was not aware that the Army and Navy Medical Boards had lately issued Regulations, requiring from all Candidates for Commissions, the double qualification, *i.e.* certificates of not only having passed an examination in Surgery, but also one in Medicine; formerly it was only necessary to possess the first.

12. The Secretary of State for India in a Despatch, dated 16th July 1861, No. 5, says, "I am disposed to approve the abolition, as an experimental measure, of the Professorship of Medical Jurisprudence; but "as the Madras Medical College has been recognized by the Royal "College of Surgeons in this country, on the understanding that the "pupils shall be thoroughly taught in every branch of Medical science, "the result of the change should be carefully watched, and remedy "applied, should the arrangements which you have now made, fail to "provide for the due instruction of the College Students in Medical "Jurisprudence." Although the course of education at this Institution meets all the requirements of the College of Surgeons of England, it does not, as has been shown, conform to the recent Regulations of some other Examining Boards, and it is thus possible that a student, completing his education here, might be placed in difficulty upon his arrival in Great Britain.

13. To meet these objections, I respectfully recommend that a Professor of Medical Jurisprudence should again form part of the permanent staff of the College; should Government be pleased to accede to this proposal, I respectfully suggest that Dr. Urquhart be re-appointed. As no Military servant requires certificates of having studied Medical Jurisprudence, it is for the consideration of Government whether the holder of this chair shall be paid by salary, or fees.

14. Whilst advocating the re-introduction of a distinct chair of Medical Jurisprudence, I would recommend that the Professors still continue to incorporate in their lectures, the more strictly professional points of Medical Jurisprudence, and only touching very generally upon its legal features. This course will tend to impress facts strongly upon the stu-

dent's mind, and prepare him to benefit more than he otherwise would by a systematic course of Medical Jurisprudence.

15. In the last annual Report it was noticed that, by recent Regulations of the College of Surgeons of England, certificates, upon more than one branch of science, from one and the same Lecturer, would not be received, I am now enabled to report that, in compliance with a representation from this College, the Regulation has been

* Para 7, Section 3 of the Regulations, dated August 1861, *vide* Appendix.

modified, and it is now ruled* that lectures on Anatomy and Physiology may be delivered by the same Lecturer, and in like manner those upon Surgery and Clinical Surgery.

Conduct of the Students.

16. The conduct of the students has been most satisfactory. No punishment for anything approaching to serious misconduct has been called for.

17. The attendance of the students of the Senior and Second Departments has been, without exception, most regular; that of the Junior Department has been less so.

18. The report of the Committee appointed by Government to examine the Candidates for certificates of qualification for the public service, is given in the Appendix.

19. The Committee report favorably of the general attainments of H. Whitwell, G. Callaghan, and C. N. C. Perry. They found, after examination, that all the students of the Second Department had come up to the required standard, and they were accordingly passed as qualified for the public service. The Committee have appended to the Report a tabulated form which shows the results of the examinations in the classes of Medicine, Surgery, Midwifery, and Diseases of the Eye. With one exception all the candidates for the grade of Hospital Assistant were declared qualified.

Annual class examinations by the Professors.

20. The Committee of Professors carried out with their usual strictness these examinations, and the progress of every student who appeared before them is recorded.

English Class, Junior Department.

21. The Committee of Professors report very favorably of the efficiency of Mr. Watkins, and the satisfactory appearance made by his class, the third English Class, in the Junior Department.

Johnstone Gold Medal.

22. The Gold Medal has been awarded to H. Whitwell. Few students have left this College with a higher reputation. Whitwell has been invariably at the head of his classes. All connected with the college take a warm interest in his future career, and earnestly hope that the success he has already achieved, may act as a stimulus to further efforts to perfect himself in a profession of which it is truly said no one ought ever to cease to be a student.

Class of Chemistry.

23. The Professor says "throughout the whole course, Laboratory practice was introduced as far as possible into the Lecture room, actual demonstration by experiment repeated by the students, as far as the limited term of one hour would allow, being the constant practice. Pharmaceutical manipulation, and a descriptive explanation of all the chemical processes employed, was treated of throughout the course as favorable instances for illustration occurred. On the whole, though the instruction bestowed has been too much broken and divided, the results have not been unsatisfactory.

Class of Anatomy.

24. The Professor of Anatomy gives rather an unfavorable report of the progress of the Military students of his class. Mr. Chipperfield in his general remarks, says, "I have earnestly endeavoured to discover the reasons why the students do not, as a rule, make a progressive advancement in the knowledge of Anatomy and Physiology, proportioned to the greater advantages which each additional year of study offers them. I have conversed with them upon the subject, and one and all agree in the conclusion at which I have arrived, viz., that it is mainly owing to the fact that these branches of study do not form a subject of the final examination for the grade of Assistant Apothecary, that this apparent indifference to Anatomy and Physiology is due. I most respectfully beg that this matter may be borne in mind, and that I may have the satisfaction of knowing that in future this great incentive to study may not be wanting for my pupils. It will be observed that the Private students, generally speaking, hold the first places in the class. This is due, as I have hinted, partly to the good preliminary education they have enjoyed, but, principally, according to

“my notion, to the ambition they entertain of taking degrees, either “at the University of Madras, or at some British College, where Anatomy and Physiology are important subjects of examination.”

25. It is not to be denied that the minds of the young men in the Military Department have been somewhat unhinged this year owing to the changes which they see taking place in other Departments, and which they have been expecting will follow in their own, but judging from the readiness and correctness with which most of the students answered the questions put to them at the examinations, and the results shown in the record, I cannot entirely coincide with the Professor in the unfavorable estimate he has formed of the working of his class, yet the point to which attention has been called will not be neglected; and hereafter it will be laid down that Anatomy and Physiology are to be included, not only in the subjects of the primary, but also in the pass examination. The present system of examination is quite in accordance with those carried out by the Medical Colleges at home, where there is a first, or primary, examination, and a second, or pass examination.

26. The primary examinations of the Military students of the first and second year, and of private and stipendiary students of the second, third, and fourth years of the Medical College, are conducted by a Committee of four Professors, including the Principal, and the Professor of the subject of examination. Each student is separately examined on the subjects which he has studied during the year, every examination being demonstrative, as well as oral, and the results are recorded.

27. Formerly the student at the conclusion of his course was for the first time formally examined in all the subjects which he had studied since his entrance into College. Under this system, students used to idle away their first two years, and did not set seriously to Anatomy, until their third, or final year, when of course everything was imperfectly learnt.

28. The second, or pass examination, is conducted by a Committee consisting of a President and two Examiners, (they being Medical Officers unconnected with the College,) of the Principal of the College, and of the Professor of the subject of examination. This arrangement, while it ensures that a certain number of the examiners should have had experience in teaching, sufficiently provides for due strictness and impartiality in the method of conducting the examination.

Class of Materia Medica.

29. Dr. Montgomery, on his return from Europe in January last, resumed the charge of his class from Dr. Van Someren. Dr. Montgomery says "I desire to record my sense of the very able manner in which this class has been instructed during my absence, and my indebtedness to Dr. Vansomeren and Mr. Wood for the very marked improvement in these boys during that time."

30. The arrangements of this Session admitted of the Military students having a second course of *Materia Medica*. The students in this class, with one year's instruction, have invariably made a good appearance, this year they acquitted themselves even better than on former occasions. The subject of *Materia Medica* is one with which the student is more familiar than any other, as from the day he enters a hospital, his education in *Materia Medica* may be said to commence, and the lad comes to College prepared to benefit at once by the Professor's prelections, instead of having to learn a new language, as is the case in other subjects of study. At the same time not a little of this success is due to the very able manner in which the students of this class are taught.

31. The Professor of Botany reports that Chinnapoo and Sethampara, holders of Government Scholarships, acquired a very good knowledge of the structure and classification of plants and their uses, and commends both highly for their diligence and ability.

Class of Clinical Medicine.

32. The Professor states "that the case reports have been, in general, creditable to the discernment and industry of the students. These young men have obtained a very fair amount of practical knowledge for the time of their hospital attendance, but they have not acquired readiness in using their knowledge, and indeed cannot be expected to have that readiness till they have been some years in independent practice."

Class of Surgery.

33. The Professor of Surgery and Clinical Surgery, gives a satisfactory report of the progress of his classes. On that important branch of a professional education, Clinical instruction, Dr. Paul says, "a similar course has been followed to that pursued last year. On the admission of a patient, he is assigned to the immediate care of two students: one of the Senior, and one in the Junior Departments. At the first

“ visit thereafter, the junior student first reads the statement of the case he has drawn up, and he is followed by the senior student. The patient is then examined by any of the other students the Professor may select, and he, or other members of the class, questioned regarding the symptoms and management of the patient, or the case becomes the subject of the Professor’s own remarks. I am confirmed in the opinion I formed of the benefit arising from this mode of conducting the Clinical class.” Each student has now the benefit of three months’ Clinical instruction in Surgery, and during that time, each has an equal number of the patients assigned to his care.

34. “ The students attend the Clinical classes in divisions, which from all not being present at the same time, and having different cases to deal with, makes it more difficult to compare their relative merits ; but it is impossible that the class could, at any one time be present at any hospital. The patients in hospital, are equally divided among these for the time constituting the Clinical class, the first and second classes being regarded as one, and the Junior Department being regarded as a separate class. The number varies of course according to the number of admissions, and the number in the Clinical class. When the new building is occupied, it is to be hoped that there will be a larger field, than at present, for Clinical instruction, as, by far the most important Surgical cases now occur in the Civil Dispensary attached to the General Hospital ; the morning service of which I have continued to make available for the requirements of the Clinical class ; indeed, without the cases met with there, the service of the General Hospital would be quite inadequate to the wants of the class of Clinical Surgery. In addition to the ordinary dressing being performed by the students in charge, to the case, there has been a bandaging class on Wednesday evenings.”

Class of Midwifery.

35. The Professor of Midwifery has endeavoured to impress upon the students the most practical points connected with the dangers which may occur at the bedside of the Lying-in-women, and has been satisfied with the intelligence and diligence displayed by them.

Class of Ophthalmic Medicine and Surgery.

36. The students have a wide field in the Eye Infirmary for studying the various diseases of the Eye, and it is the practice of the teacher to call upon the students to diagnose for themselves all interesting cases,

whether they presented themselves as out-patients, or were admitted into the hospital, and afterwards to offer such remarks as the case demands.

MUSEUM.—37. The new Museum was handed over to the College last year: now, many valuable preparations, which formerly were unseen, are brought to light, and the splendid series of wax models, made by Mr. Towne of Guy's Hospital, is, for the first time, placed where the beauty and faithfulness of their execution could be shown.

38. The completion of the new Museum has enabled the Professor of Botany and Materia Medica to make a very complete collection of Pharmacopœiacal preparations, and has put him in a position, shortly, to classify and arrange the valuable collection of indigenous drugs received from the Madras Exhibition of 1859.

39. The value of this collection is enhanced by the Professor of Botany and Materia Medica having presented the College with 198 original drawings of plants useful in Medicine and the Arts. These drawings are in addition to the numerous splendid Diagrams which are now suspended upon the walls of the Museum, and the receipt of which it was my agreeable duty to bring to the notice of Government.

40. In a communication received from the same gentleman, he represents the necessity of having a Botanical Garden, and that it should be attached to the College. Dr. Montgomery does not agree with the suggestion in the last annual Report, that it would be advisable to have the Garden in the People's Park. I am not satisfied that a Botanical Garden might not be formed in the Park, which, whilst meeting the wants of the Botanical Class, would at the same time be accessible to such of the public as take an interest in Botanical pursuits. The Professor's views are fully given in his letter marked No. 2 in the Appendix. In the same letter, Dr. Montgomery alluded to the very untidy state of the ground in immediate proximity to the College, and suggests plans very similar to those which nearly two years ago were laid before authority; and regarding which, it was understood, the Engineer Department had received instructions to frame estimates, however up to this time nothing has been done.

41. The changes which have taken place in the Junior Department, consequent upon the death of Mr. Davis and the resignation of Mr. Barrow, have necessarily thrown increased labor upon all the Assistants; * as was to be expected from public servants of their high character, their new duties have been cheerfully and efficiently carried out.

* Messrs. Norton, Wilkins,
Wood and Juggernathum.

42. The pay of the Draughtsman has been increased; he, as well as the Librarian, have given satisfaction.

MADRAS MEDICAL COLLEGE,
25th April 1862.

(Signed) J. SHAW, F.R.C.S.,
Principal, Medical College.

Proceedings of a Committee of Examination of the Students of the Madras Medical College, assembled agreeably to Order of Government, dated 18th March 1862, No. 75.

PRESIDENT.

J. McKenna, Esq., M.D., Deputy Inspector General of Hospitals, Presidency Division.

MEMBERS.

J. Sanderson, Esq., Surgeon Major.

W. J. vanSomeren, Esq., M.D., Assistant Surgeon.

Ophthalmic Diseases.

The Committee having assembled at the Eye Infirmary on the 1st April, proceeded to the Clinical examination of eleven Senior Military Students in Diseases of the Eye. The same course was pursued as in the preceding year, a case being allotted to each student, which he was required to diagnose and describe in writing. The examination of the papers showed the attainments of four pupils to be very good, of three to be good, one to be fair, one indifferent, and one bad. The youths were subsequently subjected to a *vivâ voce* test, when the answers of five were very good, five good, and one indifferent.

Medicine.

On the 3rd April the Committee assembled at the Vepery Dispensary for the examination of the same students in Clinical Medicine, and the marks obtained by them were as follows:—One very good, six good, two fair, two indifferent.

In the oral examination on the practice of Medicine, on the 8th April, at the Medical College, the following were the results:—One very good, one good, three fair, three indifferent, and three bad.

The written examination on the practice of Medicine took place on the 12th April, when the papers of two were found good, four fair, and five indifferent.

Surgery.

The Committee met at the Civil Hospital on the 5th April to examine the students on Clinical Surgery.

The marks were as follows:—Five very good, two good, two fair, one indifferent, and one bad.

At the Medical College, on the 9th April, a *vivâ voce* examination in Surgery was held, when the answers of one Student were noted as very good, of seven good, two fair, and one very bad. At the subsequent written examination the papers of four were good, six fair, and one indifferent.

Midwifery.

On the 7th April, the Committee examined the students *vivâ voce* at the Medical College in Midwifery, when four students passed with very good as the value of their replies, two good, two fair, two indifferent, and one bad.

At the written examination a few days afterwards, the results were the following:—One very good, five good, two fair, and three indifferent.

The written examinations in all the subjects were conducted as in the previous year, and the Committee consider some of the papers highly creditable to a few of the students. The general attainments of H. Whitwell, G. Callaghan, and N. Perry, are specially worthy of commendation, while H. Tallent is only a little lower in merit than the above named youths.

1. S. Beaver,
- G. Callaghan,
- R. S. Dawson,
- T. Dixon,
5. J. Holman,
- C. Murphy,
- C. N. C. Perry,
- P. W. Reeves,
- H. Smith,
10. H. Tallent,
11. H. Whitwell.

All the students examined, have come up to the required standard and are accordingly passed as qualified Candidates. Their names are entered in the margin. In concluding this report, the Committee beg to append in a tabular form the attainments of the students in the several subjects in which they have been instructed.

Tabulated results of the Examination held by the Final Committee, upon the subjects of Diseases of the Eye, Midwifery, Medicine and Surgery.

	Very good.	Good.	Fair.	Indifferent.	Bad.	Very bad.
Diseases of the Eye.....	4	3	2	1	1	...
Oral, Ophthalmic Surgery.....	5	5	...	1	...	...
General Total.....	9	8	2	2	1	...
Midwifery.....	4	2	2	2	1	...
Written Midwifery.....	1	5	2	3	...	...
General Total.....	5	7	4	5	1	...
Clinical Medicine.....	1	6	2	2	...	...
Practice of Medicine.....	1	1	3	3	3	...
Written Medicine.....	...	2	4	5	...	...
General Total.....	2	9	9	10	3	...
Clinical Surgery.....	5	2	2	1	1	...
Oral Surgery.....	1	7	2	...	...	1
Written Surgery.....	...	4	6	1	...	...
General Total.....	6	13	10	2	1	1

Senior Class of the Junior Department.

This class consisted of thirty-two students, of whom all, with one exception, have been passed as qualified for the grade of Hospital Assistants.

(Signed) J. MCKENNA, M.D., *Dy. Insp. General*
of Hospitals, President.

„ J. SANDERSON, *Surgeon Major,* }
„ W. J. VANSOMEREN, M.D., *Asst.* } Members.
Surgeon, }

(True Copy.)

MADRAS, }
19th April 1862. }

(Signed) J. SHAW, F.R.C.S.L.
Principal, Medical College.

Result of the Final Examination of the Senior Military Students, Session 1861-62.

No.	NAMES.	Clinical Ophthalmic Surgery.	Clinical Medicine.	Clinical Surgery.	Ophthalmic Diseases.	Midwifery.	Practice of Medicine.	Surgery.	Written Examinations.			Results.						Above 34 to exclude.	
									In Surgery.	In Medicine.	In Midwifery.	Very good.	Good.	Fair.	Indifferent.	Bad.	Very bad.	Total.	Remarks.
												1	2	3	4	5	6		
1	S. Beaver.....	Very good.	Fair.	Very good.	Good.	Very good.	Bad.	Fair.	Fair.	Fair.	Good.	3	2	4	...	1	...	24	Passed.
2	G. Callaghan.....	Very good.	Good.	Very good.	Very good.	Very good.	Bad.	Good.	Good.	Indifferent.	Fair.	4	3	1	1	...	...	20	Passed.
3	R. S. Dawson.....	Good.	Indifferent.	Fair.	Good.	Fair.	Indifferent.	Good.	Fair.	Fair.	Indifferent.	...	3	4	3	...	...	30	Passed.
4	T. Dixon.....	Good.	Good.	Very good.	Indifferent.	Good.	Indifferent.	Bad.	Fair.	Indifferent.	Good.	1	4	1	3	1	...	29	Passed.
5	J. Holman.....	Very good.	Good.	Indifferent.	Good.	Indifferent.	Fair.	Fair.	Fair.	Indifferent.	Indifferent.	1	2	3	4	...	...	30	Passed.
6	C. Murphy.....	Fair.	Good.	Good.	Good.	Good.	Indifferent.	Good.	Fair.	Fair.	Indifferent.	...	5	3	2	...	...	27	Passed.
7	C. N. C. Perry.....	Very good.	Fair.	Very good.	Very good.	Fair.	Fair..	Good.	Fair.	Good.	Very good.	4	2	4	...	...	...	20	Passed.
8	P. W. Reeves.....	Fair.	Good.	Bad.	Good.	Bad.	Bad.	Good.	Indifferent.	Indifferent.	Good.	...	4	1	2	3	...	34	Passed.
9	H. Smith.....	Indifferent.	Indifferent.	Very good.	Very good.	Indifferent.	Good.	Good.	Good.	Good.	Fair.	2	4	1	3	...	...	25	Passed.
10	H. Tallent.....	Good.	Very good.	Fair.	Very good.	Very good.	Fair.	Good.	Good.	Indifferent.	Good.	3	4	2	1	...	...	21	Passed.
11	H. Whitwell.....	Bad.	Good.	Good.	Very good.	Very good.	Very good.	Very good.	Good.	Fair.	Good.	4	4	1	...	1	...	20	Passed.

MADRAS, MEDICAL COLLEGE,

19th April 1862.

PRESIDENT.

(Signed) J. McKENNA, M.D., Dy. Insp. General of Hospitals, Presidency Div.

MEMBERS.

(„) J. SANDERSON, Surgeon Major,

(„) W. J. VANSOMEREN, M.D., Assistant Surgeon.

} Members nominated by Government.

(„) J. SHAW, F.R.C.S., Principal of the Medical College.

Result of the final Examination of the Senior Native Medical Pupils—Session 1861-62.

Number.	NAMES.	Practice-of Medicine.	Surgery.	Result.
1	Syed Ally..... No. 634	Good	Good	Passed.
	C. Annaiunthoo..... „ 625	Good	Good	do.
	C. Andiappen..... „ 632	Good	Good	do.
	N. Balasoondrum..... „ 645	Good	Indifferent	do.
5	C. Bauboo Row..... „ 651	Bad	Bad	Not passed.
	E. Daniel..... „ 647	Indifferent	Good	Passed.
	T. R. Dorasawmy..... „ 640	Good	Fair	do.
	Goolam Nubby..... „ 649	Good	Fair	do.
	A. Gooriah..... „ 650	Indifferent	Good	do.
10	C. Iyacunnoo..... „ 646	Good	Good	do.
	N. Jevan Sing..... „ 643	Bad	Indifferent	do.
	R. Kistnasawmy..... „ 652	Good	Fair	do.
	Shaik Madar..... „ 639	Bad	Fair	do.
	A. Mahalingum..... „ 573	Bad	Good	do.
15	C. Maunsing..... „ 633	Good	Fair	do.
	V. Moonesawmy..... „ 642	Good	Good	do.
	C. P. Moonesawmy..... „ 624	Fair	Good	do.
	A. Moonesawmy..... „ 648	Indifferent	Good	do.
	A. Moorogasen..... „ 629	Fair	Fair	do.
20	T. Narrainsawmy Naidoo „ 569	Indifferent	Good	do.
	P. Narrainsawmy..... „ 623	Good	Good	do.
	V. Narrainsawmy..... „ 630	Indifferent	Fair	do.
	C. Narrainsawmy..... „ 641	Indifferent	Fair	do.
	A. Paul..... „ 635	Fair	Good	do.
25	J. Solomon..... „ 644	Good	Good	do.
	M. V. Shunmoogn..... „ 575	Good	Very good	do.
	V. S. Ungamectoo..... „ 627	Good	Good	do.
	C. Veeraghoo..... „ 628	Good	Good	do.
	V. Vencatasawmy Naidoo „ 631	Good	Good	do.
30	R. Vencatasawmy..... „ 636	Fair	Fair	do.
	T. Vidjeragavaloo..... „ 626	Good	Fair	do.
32	T. V. Vurtharajaloo..... „ 638	Fair	Good	do.

MADRAS, }
 MEDICAL COLLEGE, } (Signed) J. McKENNA, M. D., Deputy Inspector
 19th April 1862. } General of Hospitals, Presidency Div. }
 MEMBERS. } Members nominated
 („) J. SANDERSON, Surgeon Major. } by Government.
 („) W. J. VANSOMEREN, Assistant Surgeon. }
 („) J. SHAW, F. R. C. S., Principal of the Medical College.

No. 2.

MADRAS, MEDICAL COLLEGE,
31st March 1862.

From H. B. MONTGOMERY, M.D., F.R.C.S.I.,

Professor of Materia Medica and Botany.

To JAMES SHAW, Esq., F.R.C.S.

Principal, Madras Medical College.

SIR,

With reference to the concluding paragraph of my annual Report, I have the honor to bring to your notice the want at present felt, by me, of a good Botanical Garden capable of supplying specimens for lecture, and such as to allow practical instruction in Medical Botany.

2. In the autumn of 1860, I proposed a plan in which arrangements were made for extending the compound of the Medical College, and in this plan was included a proposal to construct a Botanical Garden in the space of ground lying to the south of the College.

3. I have the honor to forward herewith a colored plan of the site of the College and the adjacent buildings as at present existing, and I would respectfully beg to submit the following suggestions for the improvement of the College, for the better ventilation of the General Hospital and that of the quarters of the Medical Officers residing in its vicinity, and for the formation of a Botanical Garden.

4. With reference to the last named object, I have to observe, that during my absence in Europe it was suggested that the People's Park would afford a good site for such a purpose. But I cannot concur in this proposal. To be useful to the Lecturer on Botany, the garden should be close to his lecture-room and entirely under his control; which it could not be, if placed in the People's Park. Besides the very purposes of public recreation, for which that place is intended, destroy any probability of the garden being untouched. If it should be desirable to institute experiments in the propagation of plants by "cutting, pruning, lingering, grafting," &c., they should be conducted in the presence of the pupils who should note their progress from day to day, and who should be certain that no interference was permitted. This is would be impossible to secure in a perfectly open Park.

5. It will be seen by Plan A, that at present the General Hospital is on the seaside completely shut in by lofty walls; while within a short distance in front of it lies a public thoroughfare which passes under the walls of the quarters of the Medical Officers of the General Hospital; and which is the present only mode of egress from and ingress to the Medical College and General Hospital. This road is a source of great discomfort both to the Officers alluded to, and to the patients in the hospital, as clouds of dust are constantly blown into it by the sea breeze.

6. The whole of the open esplanade lying to the seaward of the Hospital and the College is in a most disgraceful condition. Broken down palings give free access to straggling cattle, and dirt of every description lies about.

7. The present Junior Department of the College is to a great degree separated from the main building, and this is objectionable, as the Assistants and Professors have to pass from one to the other, which must now be done by passing through the *Dissecting rooms*.

8. The quarters of the Medical Officers of the Queen's Regiment in the Fort is shut in, and have been exceedingly unhealthy; and the family of a recent occupant have within the last two years suffered from ophthalmia and small-pox and from fever frequently.

9. To remedy the foregoing defects in ventilation, &c., I would suggest—

(a.) That the road marked x x x should be closed, and the walls between it and the General Hospital compound should be knocked down.

(b.) That the whole compound surrounding the College on all sides should be enclosed by a hedge (as in the Plan B), or by a neat railing.

(c.) That the "proposed road" should open below the "public wells," which should be shut out from the general compound.

(d.) That this road should divide as shown in the plan, allowing free access to the Medical College, General Hospital and Officers' quarters, by suitable avenues running between spaces of greens and flowers.

(e.) That the space near the residence of the Medical Officers should be enlarged and separated from the Medical College by a low hedge.

(f.) That a Botanical Garden of the size shown, be formed.

(g.) That the Students of the College be allowed to use the open esplanade for cricket and other sports.

10. The plan of the hedges, &c., is shown in the accompanying plan.

Soliciting that the foregoing may receive early consideration.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) H. B. MONTGOMERY, M. D., F. R. C. S. I.

Professor of Materia Medica and Botany.

Extract of a letter from the Principal, Medical College, to the Director of Public Instruction, dated 23rd November 1860, No. 332.

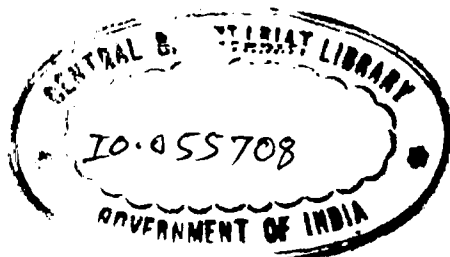
With reference to the concluding paragraph of the Report of the Medical College for 1859-60, and your Proceedings 12th October 1860, No. 1,825, I have the honor to bring to your notice that their Excellencies the Governor and the Commander-in-Chief visited the College on the 7th of September, and gave instructions to the Civil Engineer to frame Estimates for enlarging the compound and enclosing it.

2. These estimates have, I believe, been submitted to the Chief Engineer.

3. It was intended to plant a considerable number of trees in the enlarged compound, but if further delay takes place, the season will have passed.

4. Dr. Montgomery, the Professor of Botany, was prepared to tender his assistance in laying out a Botanical Garden; but as he has been forced to leave India by bad health, we have lost the advantage of his able assistance.

5. The season being already so far advanced, and no decision as to the size of the compound having yet been arrived at, I see no prospect of the recommendation being carried into execution this year.



No. 3.

SENIOR DEPARTMENT.

Private Students of the fourth year.

Number.	NAMES.	Number of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of Session 1861-62.				Total.	General Order of Merit at the close of the Session.
				Medicine.	Surgery.	Midwifery	Diseases of the Eye.		
1	A. E. Dalgairns.	4	...	2	3	3	8	16	1
2	A. H. Wheldon. (proceeded to England.....)	4							

No. 4.

SENIOR DEPARTMENT.

Private Students of the third year.

Number.	NAMES.	Number of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of Session 1861-62.			Total.	General Order of Merit at the close of the Session.
				Medicine.	Surgery.	Anatomy and Physiology.		
1	W. S. Ranson...	3	...	1	2	3	6	2
2	W. H. Boalth...	3	...	2	1	1	4	1
3	A. M. Patterson.	3	...	3	3	2	8	3

No. 5.

SENIOR DEPARTMENT.

Private Students of the second year.

Number.	NAMES.	No. of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of Session 1861-62.				Total.	General Order of Merit at the close of the Session.
				Chemistry.	Anatomy and Physiology.	Materia Medica.			
1	B. Evers, L. S.	2	...	2	2	2	6	2	
2	S. St. A. Taylor, B.A.	2	...	1	1	1	3	1	

No. 6.

SENIOR DEPARTMENT.

Government Students of the first year.

Number.	NAMES.	Number of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of Session 1861-62.					Total.	General Order of Merit at the close of the Session.
				Chemistry.	Anatomy and Physiology.	Materia Medica.	Botany.			
1	S. W. Sethumbarum Pillay	1	...	2	1	1	1	5	1	
2	C. Chiunappoo.....	1	...	1	2	2	2	7	2	

No. 7.—SECOND DEPARTMENT.

Third year Military Students.

Number.	NAMES.	Number of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of the Session.				Total.	General Order of Merit at the close of the Session.
				Medicine.	Surgery.	Midwifery.	Diseases of the Eye.		
1	H. Whitwell ...	3	...	1	1	1	1	4	1
	G. Callaghan ...	3	...	2	3	2	6	13	2
	H. Smith ...	3	...	3	4	4	3	14	3
	H. Tallent ...	3	...	4	5	3	4	16	4
5	T. Dixon ...	4	2nd	5	11	9	9	34	5
	C. Murphy ...	4	2nd	7	7	5	5	24	6
	S. Beaver ...	3	...	9	10	6	10	35	6
	R. S. Dawson ...	3	...	6	2	7	2	17	5
	C. N. C. Perry ...	3	...	8	8	8	2	32	7
10	J. Holman ...	3	...	11	9	10	11	37	10
11	P. W. Reeves ...	3	...	10	6	11	11	38	11

No. 8.—SECOND DEPARTMENT.

Second year Military Students.

Number.	NAMES.	Number of years in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of the Session 1861-62.					Total.	General Order of Merit at the close of the Session.
				Chemistry.	Anatomy and Physiology.	Materia Medica.	Surgery.	Medicine.		
1	R. Hollingsworth. ...	2	...	1	1	1	1	1	5	1
	B. B. Allan ...	2	...	4	4	2	5	5	20	4
	J. Legge ...	2	...	2	2	4	4	4	16	2
	S. Mansfield ...	2	...	3	3	5	7	3	21	3
5	M. A. Hardy ...	2	...	7	5	8	3	6	29	6
	J. Smith ...	2	...	5	6	3	2	2	18	3
	G. B. Fonseca ...	2	...	8	7	7	6	7	35	7
8	H. Roberts ...	2	...	6	5	6	8	11	39	8

No. 9.
 JUNIOR DEPARTMENT.
 Third year Military Students.

Number.	NAMES.	Number of months in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of the Session 1861-62.		Medicine and Hospital du- ties.		Surgery.	Total.	General Order of Merit at the close of the Sessions.
1	P. Narrainsawmy. No. 623	38	...	3	7	5	4			4
2	C. P. Mooneesawmy..... „ 624	32	...	4	1	5	1			1
3	C. Annamunthoo..... „ 625	50	...	7	9	16	8			8
4	S. Vidjeragavaloo. „ 626	41	...	1	4	5	2			2
5	T. Narrainsawmy Naidoo „ 569	43	...	5	2	7	3			3
6	V. S. Ungamoothoo..... „ 627	42	...	6	6	12	6			6
7	M. V. Shunmoogum ... „ 575	42	...	2	8	10	5			5
8	C. Veeraghoo..... „ 628	40	...	8	7	15	7			7
9	A. Moorogasen..... „ 629	41	...	12	11	23	10			10
10	A. Mahalingum..... „ 573	42	...	10	19	29	14			14
11	V. Narrainsawmy „ 630	50	...	17	29	46	20			20
12	V. Venkatasawmy Naidoo „ 631	38	...	9	17	26	12			12
13	C. Andiappen..... „ 632	32	...	13	3	16	9			9
14	C. Mausing..... „ 633	44	...	11	13	24	11			11
15	A. Paul..... „ 635	38	...	14	15	29	15			15
16	R. Venkatasawmy „ 636	31	...	15	12	27	13			13
17	T. V. Vurtharajaloo..... „ 638	32	...	18	18	36	18			18
18	Sheik Madar..... „ 639	53	...	20	21	41	21			21
19	T. R. Dorasawmy..... „ 640	38	...	22	24	46	23			23
20	C. Narrainsawmy „ 641	44	...	23	20	43	22			22
21	V. Moonesawmy..... „ 642	45	...	25	27	52	25			25
22	N. Javan Singh..... „ 643	31	...	24	28	52	26			26
23	J. Solomon..... „ 644	28	...	16	14	30	17			17
24	M. Bala-ondrum..... „ 645	28	...	19	10	29	16			16
25	C. Iyacunnoo..... „ 646	31	...	31	31	62	31			31
26	E. Daniel..... „ 647	30	...	27	22	49	24			24
27	A. Moonesawmy... .. „ 648	29	...	26	26	52	27			27
28	Goolam Nubby..... „ 649	33	...	30	29	59	29			29
29	A. Gooriah..... „ 650	33	...	29	30	59	30			30
30	C. Bauboo Row..... „ 651	30	...	32	32	64	32			32
31	R. Kistnasawmy „ 652	31	...	28	25	53	28			28
32	Syed Ally..... „ 634	45	...	21	16	37	19			19

No 10.

JUNIOR DEPARTMENT.
Second year Military Students.

Number.	NAMES.	Number of months in attendance.	Remanded and in what class.	Order of Merit in the separate branches of study at the close of the Session 1861-62.		Total.	General Order of Merit at the close of the Session.
				Anatomy	Materia Medica.		
1	A. Etherajaloo..... No. 653	17	...	3	2	5	3
2	J. Anthony..... „ 654	18	...	5	7	12	5
3	Murrian Paul..... „ 655	18	...	1	3	4	2
4	C. T. Rungasawmy..... „ 656	20	...	20	9	29	14
5	N. Moonesawmy..... „ 657	16	...	7	6	13	6
6	Mahomed Sheriffe..... „ 658	28	...	11	17	28	11
7	P. Chinnasawmy..... „ 659	30	...	8	5	13	7
8	Sheik Abdool Cawder... „ 660	20	...	6	4	10	4
9	A. Jacob..... „ 661	16	...	21	13	34	17
10	M. Chinnasawmy. „ 662	28	...	15	8	23	10
11	P. Ramasawmy Naik.... „ 663	14	...	13	15	28	12
12	P. Doorgiah..... „ 666	9	...	25	11	36	19
13	A. Parthasarthy..... „ 667	9	...	19	14	33	16
14	V. Gooroosawmy..... „ 669	9	...	17	23	40	21
15	Cingaravaloo..... „ 671	9	...	10	20	30	15
16	P.R. Parthasarthy Moo- deliar..... „ 672	9	...	18	25	43	22
17	C. Nagaruthnum..... „ 673	9	..	16	18	34	18
18	C. Streenevasen... .. „ 674	30	...	2	1	3	1
19	M. Soobramony..... „ 675	9	...	26	27	53	27
20	N. Parthasarthy .. „ 677	9	...	23	22	45	24
21	V. Barthalvar Moodeliar. „ 678	9	...	14	24	38	20
22	Loganadum Peroomal Dassen..... „ 679	9	...	4	10	14	8
23	S. Daniel..... „ 680	9	...	24	19	43	23
24	P. Swamynathen.. .. „ 681	9	...	12	16	28	13
25	John Martin..... „ 683	9	...	9	12	21	9
26	Francis John..... „ 685	9	...	27	21	48	25
27	Abdool Kurreem..... „ 684	9	...	22	26	48	26

No. 11.

JUNIOR DEPARTMENT.
First year Military Students.

Number.	NAMES.	Number of months in attendance.	Order of Merit in the separate branches of study at the close of Session 1861-62.		Total.	General Order of Merit.
			Grammar, Diction, Reading and meaning of words.	Arithmetic and Geography.		
1	D. Davarajooloo..... No. 686	9	19	14	33	17
2	C. Appadoray..... " 687	9	25	20	45	23
3	Seetharam Singh..... " 688	9	10	9	19	9
4	A. Ragavooloo..... " 689	9	15	19	34	18
5	R. Thamotheram..... " 690	9	22	24	46	24
6	T. Sabaupathy..... " 691	9	11	11	22	11
7	P. Ramasawmy..... " 692	9	14	18	32	16
8	P. Govindarajooloo..... " 693	9	23	8	31	14
9	P. Joseph..... " 694	9	13	17	30	13
10	N. Goooroosawmy..... " 695	9	16	15	31	15
11	Thunmun Singh..... " 696	9	6	4	10	4
12	C. Cutheravaloo..... " 697	9	7	3	10	5
13	S. Chellacunnoo..... " 698	9	24	10	34	19
14	C. Mungapathy..... " 699	9	2	5	7	2
15	D. Solomon..... " 700	9	12	2	14	7
16	Sunjeeve..... " 701	9	18	22	40	20
17	T. Madramoottoo..... " 702	9	21	27	48	25
18	C. Rungasawmy..... " 703	9	8	16	24	12
19	D. Bastian..... " 704	9	4	7	11	6
20	D. Garanum..... " 705	9	9	12	21	10
11	S. Narainsawmy..... " 706	9	3	6	9	3
22	P. M. Kistnasawmy..... " 707	9	1	1	2	1
23	R. Peters..... " 708	9	5	13	18	8
24	C. Ramalingum..... " 709	9	27	26	53	27
25	C. Chinnasawmy..... " 711	9	28	28	56	28
26	P. Thungavaloo..... " 712	9	26	25	51	26
27	P. C. Thumboosawmy..... " 713	9	17	23	40	21
28	Masicilla Pillay..... " 714	9	20	21	41	22

No. 12.
LIST OF PRIZES.
SESSION 1861-62.

In the Senior Department.

Private student A. E. Dalgairns, a prize for attainments in Medicine.
Private student W. S. Ranson, a prize for attainments in Medicine.
Private student S. St. A. Taylor, B. A., a prize for attainments in
Anatomy and Physiology.

In the Second Department.

Apprentice H. Whitwell, a prize for attainments in Surgery, another
for Medicine, a third for Midwifery, and a fourth for Diseases of
the Eye.
Apprentice C. N. C. Perry, a prize for attainments in Clinical
Surgery.
Apprentice R. Hollingsworth, a prize for attainments in Anatomy
and Physiology, another for Materia, a third for Surgery, and a
fourth for Medicine.
Apprentice B. B. Allan, a prize for attainments in Materia Medica.

In the Junior Department.

Native student S. Vidjeregavaloo, a prize for attainments in
Medicine.
Native student C. P. Moonesawmy, a prize for attainments in Surgery.
Native student M. Paul, a prize for attainments in Anatomy.
Native student C. Streenavaseu, a prize for attainments in Materia
Medica.
Native student Kistnasawmy, a prize for attainments in the rudi-
ments of the English language.

No. 13.

Students who have received Honorary Certificates.

Prosector in Anatomy... ..	II. WHITWELL, Second Dept.
Assistant in the Department of Anatomy.....	} J. LEGGE, do.
Assistant in the Department of Materia Medica and Botany...}	
Assistant in the Chemical Class, Honorary....	} W. RANSON, P. S. Senior Dept.
Assistant in the Department of Materia Medica and Botany, Honorary.....	
	} B. EVERS, L. S. do.
Honorary Prosectors in Anatomy	
	} W. H. COALTH, P. S. do. S. ST. A. TAYLOR, B. A., P. S. do.

No. 14.

Students who have this year received Certificates of qualification as Assistant Apothecaries and 3rd Class Hospital Assistants.

- | | |
|------------------|-------------------|
| 1. H. Whitwell, | C. N. C. Perry, |
| G. Callaghan, | T. Dixon, |
| H. Smith, | S. Beaver, |
| H. Tallent, | 10. J. Holman, |
| 5. R. S. Dawson, | 11. P. W. Reaves. |
| 6. C. Murphy, | |

No. 15.

- | | |
|--------------------------------|--------------------------------|
| 1. C. P. Moonesawmy... No. 624 | J. Solomon... .. No. 644 |
| S. Vidjeragavaloo ... ,, 626 | T. V. Vurtharajaloo... ,, 638 |
| T. Narrainsawmy Naidoo ,, 569 | Syed Ally... .. ,, 634 |
| P. Narrainsawmy ... ,, 623 | 20. V. Narrainsawmy ... ,, 630 |
| 5. M. V. Shunmoogum ... ,, 575 | Sheik Madar ... ,, 639 |
| V. S. Ungamootto ... ,, 627 | C. Narrainsawmy ... ,, 641 |
| C. Veeraghoo ... ,, 628 | T. R. Dorasawmy... .. ,, 640 |
| C. Annamuntoo ... ,, 625 | E. Daniel... .. ,, 647 |
| C. Andiappen ... ,, 632 | 25. V. Moonesawmy ... ,, 642 |
| 10. A. Moorogasen ... ,, 629 | N. Javan Sing ... ,, 643 |
| C. Maunsing... .. ,, 633 | A. Moonesawmy ... ,, 648 |
| V. Vencatasawmy Naidoo ,, 631 | R. Kistnasawmy ... ,, 652 |
| R. Vencatasawmy ... ,, 636 | Goolam Nubby ... ,, 649 |
| A. Mahalingum ... ,, 573 | 30. A. Gooriah ,, 650 |
| 15. A. Paul ,, 635 | 31. C. Iyacunoo ,, 646. |
| 16. N. Balasoondrum ... ,, 645 | |

No. 16.

Roll of Student who has failed to pass the Examination before the Final Examination Committee, as 3rd Class Hospital Assistant.

1st Class Student, Junior Department, C. Baboo Row, No. 651.

No. 17.

Roll of Students recommended by the Professors to be discharged the service, as unlikely to qualify for the Public service.

2nd Class Student, Junior Department, S. Daniel, No. 680.

Do, do, Francis John, No. 685.

No. 18.

LIST OF DONERS TO THE LIBRARY OF THE MADRAS MEDICAL COLLEGE
FOR THE SESSION 1861-62.

Pathological Society of London.

Transactions of the Pathological Society of London, Vol. XI.

Dr. H. B. Montgomery, F. R. C. S. I.

Smith on Newroma.

Lector Voss on Inversion of the Bladder.

A brief report on Cotton.

Porter's observations on the Surgical Pathology of the Larynx and
Trachea.

Marshall's Structures of the Human body.

Animals : how they are classed, by R. Patterson.

M. Juggernathum Naidoo.

Cutler on Bandaging.

LIST OF CONTRIBUTORS TO THE MUSEUM, SESSION 1861-62. .

Surgeon Major H. W. Porteous.

Osteo sarcoma of the lower jaw.

Aneurism of the abdominal Aorta.

Assistant Surgeon R. Wilson, M. D.

A large Mulberry calculus.

Surgeon Major C. W. Pickering.

Portion of the Aorta showing disease of the valves.

Assistant Surgeon T. Lowe.

Exostosis of the Scapula.

Melanotic tumour removed from the fore-part of the neck of a
man.

Assistant Surgeon C. J. Rogers.

A monster kid.

Surgeon A. Barclay, M. D.

Diseased small intestine from an individual who died of typhoid
fever.

Professor J. L. Paul, M. D. and A. M.

Encephaloid tumour, from the thigh of a man.

Bony plates removed from the scrotum.

Caries of the elbow joint.

Fatty tumour.

Professor W. N. Chipperfield.

Diseased elbow joint.

Diseased ankle joint.

Professor H. B. Montgomery, M. D., F. R. C. S. I.

A tiger's skull.

Head and beak of Albatross.

17 Stuffed Birds.

Mr. S. Lennon.

6 Skulls of Animals.

1 Deer Skin.

2 Snakes.

EDUCATIONAL DEPARTMENT.

Read the following letter from J. SHAW, Esq., F. R. C. S., Principal Medical College; to the Chief Secretary to Government, Fort St. George, dated 4th April 1862, No. 231.

Dr. Montgomery, Professor of Materia Medica and Botany in the Medical College, who lately returned from furlough on sick certificate, has presented the Medical College with several series of most valuable Diagrams illustrating the Anatomy and Physiology of the human body, also drawings of extinct Animals, Illustrations of Natural History, and he has in preparation a set of twenty-one Wax Models from the original moulds made by his father, long Professor of Midwifery in the University of Dublin, and whose loss science has lately had to deplore.

2. These Diagrams will afford the greatest assistance to the Professors in illustrating their Lectures and are not less remarkable for their beauty than for the correctness of their execution.

3. My colleagues and myself feel that gifts so munificent as those lately bestowed on the Medical College by Dr. Montgomery should be brought prominently to the notice of His Excellency the Governor in Council.

4. I have the honor to enclose the letter from Dr. Montgomery which accompanied the Diagrams, &c.

5. Presuming upon the permission of Government I am having printed a set of explanatory references to each Diagram.

From HOWARD B. MONTGOMERY, Esq., M. D., F. R. C. S. I., Professor of Materia Medica and Botany; to J. SHAW, Esq., F. R. C. S., Principal Medical College, dated Fort Saint George, 17th March 1862.

Demi-official.

1. I have the pleasure to forward herewith, for the use of the Madras Medical College, a collection of Diagrams, &c., intended to assist the students of the College in their studies.

2. May I beg that they may be accepted as a mark of the deep interest I feel in the prosperity of the Institution with which I have had the honor to be associated for so many years, and of regard for the Professors, whose labors they may lighten.

3. The following brief outline will indicate sufficiently the nature of the drawings and the advantages they seem to offer to students.

4. The nine large Diagrams called by the Author Physiological Diagrams are admirable delineations of the various structures in the human body, and this is effected by life-size pictures of the whole body and by magnified representations of the microscopic appearances of its several parts.

5. These drawings are now in universal use in all the Medical Schools in Great Britain and Ireland.

6. The series of six drawings of "Extinct Animals" may prove of utility should a course of lectures be at any time given on Comparative Anatomy.

7. For the same purpose, the series of Patterson's Illustrations of Natural History may be employed and meanwhile they will assist the lecturer on Physiology and Human Anatomy in both of which studies constant reference to the structure of all Animals are required. They are ten in number.

8. The nine Botanical drawings are the best of any I could find for the purpose of freely illustrating the chief characteristics of the leading orders and classes of the Vegetable Kingdom.

9. All these drawings are of sufficient size to be easily seen (in their details) by pupils seated on the benches in the Lecture Theatres.

10. I also forward as suitable addenda to the foregoing, a miniature set of the Physiological, Drawings for the use of the Lecturer on Anatomy and Physiology and a copy of Mr. Marshall's popular compendium, of which they are the illustrations.

11. For the use of the students I also send a printed reference table for each of the large Diagrams.

12. It has long appeared to me to be desirable that in connection with the present Museum a department might be added including the Animal Kingdom, and as a commencement to such a Natural History Museum, I availed myself of a recent opportunity to collect sea birds of the different kinds found at sea in the vicinity of the Cape of Good Hope and within tropical limits.

13. Of these I now send seventeen for the Natural History Department and I shall be happy to further increase this contribution by prepared skeletons of birds, animals, &c., should my proposal be favorably received as regards the institution of a Natural History Museum.

14. To aid in this project, I present to the College a copy of Patterson's classification of Animals which would (if adopted) cause the collection to be classified in accordance with the plan adopted in the Diagrams alluded to in paragraph 7 of this letter

15. I have no doubt that if this proposal is carried into effect many of the students of the College would assist in procuring and preparing specimens, and that the Medical Officers of Her Majesty's British and Local Armies would willingly assist in it.

16. A large and very valuable collection might be thus brought together at very trifling cost, and it would tend to supply a very prominent want in our present system of Medical Education.

17. Comparative Anatomy is now one of the fixed subjects of study, attendance upon which is required by most of the licensing bodies at Home, and our students may be put to expense both of time and money if they find attendance on such a course necessary before presenting themselves for professional examination in England.

18. I may add that I shall be happy to assist this project in any way.

19. I have also to solicit permission to present *for the use* of the College a series of nine framed engravings of paintings illustrating various points connected with the diseases of women and children. These drawings are from the collection of my father the late Dr. Montgomery of Dublin, by whom they were used for many years in illustration of his lectures on those subjects in the University of Trinity College, Dublin.

20. I trust I may be permitted to add that I should desire *these* to be considered as only *lent* to the College as I am unwilling to part with the possession of articles in which for his sake I am interested.

21. In case however of my failing to recall them they are to become College property.

22. I also present in this department three copies of the chief pamphlets published by himself on matters connected with Obstetric Medicine and Surgery. These pamphlets are reprints from various publications, few of which are to be found in the College Library. Should I hereafter make a more complete collection, copies of it shall be sent to the College.

A very complete set of twenty-one Wax Models, the originals of which were prepared by my father, and of which only one set exists, is also placed at the disposal of the Professor of Midwifery.

The originals are only to be found in the "Montgomery Museum" Queen's College, Galway, for which they were purchased with the rest of the Museum by Her Majesty's Government in 1858.

ORDER THEREON, 16th April 1862, No. 105.

The Government highly appreciate the warm interest evinced by Dr. Montgomery for the prosperity of the Medical College, and desire that their best acknowledgments may be conveyed to him for the very useful and valuable collections of Diagrams, &c, recently presented by him to the Institution.

2. The Government approve of the Principal having a set of explanatory references to each Diagram printed.

(True Extract.)

(Signed) T. PYCROFT,
Chief Secretary.

To the Principal of the Medical College.

„ Director of Public Instruction.

No. 21.

Numerical Abstract of the Students who have been removed from the College, and the number remaining at this date.

DEPARTMENTS.	At the commencement of the Session.	Deserted.	Died.	Discharged for incompetency or misconduct.	Resigned.	Left College.	Remaining.
<i>Senior Department.</i>							
Private Students... ..	7	...	...	...	...	2	5
Lane Students... ..	2	...	...	...	...	1	1
Government Scholars..	2	...	...	...	...	...	2
<i>Second Department.</i>							
1st Class Students.....	11	...	...	...	..	*11	...
2nd do.	12	...	1	1	2	...	8
<i>Third or Junior Department.</i>							
1st Class Native Pupils.	33	...	...	2	...	*31	...
2nd Do. do...	32	3	...	2	...	...	27
3rd Do. do...	33	3	1	1	...	...	28

* Passed out as Assistant Apothecaries and 3rd Class Hospital Assistants.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.

16th August 1861.

To J. SHAW, Esq., M.D.,

Principal, Madras Medical College.

SIR,

I am desired by the Council to transmit to you a copy of the Regulations of this College, regarding the education and examination of Candidates for its Diploma, in Section III, of which Regulations are contained some alterations in favour of Graduates of Colonial Universities, and with reference to your letter of the 20th of May last, in reply to Mr. Belfour's letter of the 31st of January last, I am to direct your attention to paragraph 7, Section III, by which you will perceive that lectures on Anatomy and Physiology may, in the cases mentioned therein, be delivered by the same lecturer.

I am further desired to acquaint you that in this country the lecturer on the principles and practice of Surgery, usually lectures also on Clinical Surgery and such joint lectureship has always been recognised by the Council of this College.

I have the honor to be,

Sir,

Your obedient servant,

(Signed) EDWARD TRIMMER,

Assistant Secretary.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.

REGULATIONS RESPECTING THE EDUCATION AND EXAMINATION OF CANDIDATES
FOR THE DIPLOMA OF MEMBER OF THIS COLLEGE.

SECTION I.

Preliminary General Education and Examination.

Candidates who have commenced their Professional Education on or after the 1st of January 1861, will be required to produce one or other of the following Certificates:—

1. Of Graduation in Arts at an University recognised for this purpose.

2. Of having passed an Examination for Matriculation, or such other Examination as shall, in either case, from time to time be sanctioned by the Council of this College, at an University in the United Kingdom, or at a Colonial or foreign University recognised by the Council of this College.
3. Of having passed the Oxford, Cambridge, or Durham Middle-Class Examinations, either Junior or Senior.
4. Of having passed the Preliminary Examination for the Fellowship of this College.
5. Of having passed the Previous Examination of the University of Cambridge.
6. Of having passed the First-Class Examination of the College of Preceptors.
7. Of having passed the Durham Examinations of Students in Arts in their second and first years.
8. Candidates who shall not be able to produce one or other of the foregoing Certificates will be required to pass an Examination, in English, Classics, and Mathematics, conducted by the Board of Examiners of the Royal College of Preceptors, under the direction and supervision of the Council of this College.

N.B.—The Examination (No. 8) is usually held in the month of June in each year.

The following are the subjects of the Preliminary Examination (No. 8) during the year 1862, viz:—

PART I.

1. Reading aloud a passage from some English author.
2. Writing from dictation.
3. English Grammar.
4. Writing a short English composition ; such as a description of a place, an account of some useful or natural product, or the like.
5. Arithmetic. No Candidate will be passed who does not show a competent knowledge of the first four rules, simple and compound, and of Vulgar Fractions.
6. Questions on the Geography of Europe, and particularly of the British Isles.
7. Questions on the outlines of English History, that is, the succession of the Sovereigns and the leading events of each reign.

PART II.

Papers will also be set on the following eight subjects, and each Candidate will be required to offer himself for examination on one subject at least, at the option of the Candidate; but no Candidate will be allowed to offer himself for examination on more than four subjects:—

1. Translation of a passage from the first book of Cæsar's Commentaries, "De Bello Gallico."
2. Translation of a passage from St. John's Gospel in Greek.
3. Translation of a passage from Voltaire's "Histoire de Charles XII."
4. Translation of a passage from the first two books of Schiller's "Geschichte des dreissigjährigen Krieges."

Besides these Translations into English, the Candidate will be required to answer questions on the Grammar of each selected subject.

5. Mathematics. Euclid, Books I and II. Algebra to Simple Equations inclusive.
6. Mechanics. The questions will be chiefly of an elementary character.
7. Chemistry. The questions will be on the elementary facts of Chemistry.
8. Botany and Zoology. The questions will be on the classification of Plants and Animals.

The quality of the handwriting and the spelling will be taken into account.

The Fee on admission to Examination (No. 8) is the same as that paid at the Oxford Junior Middle-Class Examination.

SECTION II.

Professional Education.

- I. Candidates who shall commence their Professional Education on or after the 1st of October 1862, will not be allowed to register the commencement of attendance on Lectures or Hospital Practice before they shall have passed an Examination in General Literature, in conformity with the regulation of the Council in relation thereto.

II. The following will be considered as the commencement of Professional Education :—

1. Attendance on the Practice of a Hospital, Dispensary, or other Public Institution recognised by this College for that purpose*.
2. Instruction as the Pupil of a Member of one of the Royal Colleges of Surgeons in the United Kingdom, or of the Faculty of Physicians and Surgeons of Glasgow*.
3. Attendance on Lectures on Anatomy, Physiology, Chemistry, or Natural Philosophy, by Lecturers recognised by this College.

The Certificate of the commencement of professional study in any one of the foregoing modes must be transmitted to the College within one week of such commencement, and a Certificate of the continuance of such attendance or instruction during the period of six months must be transmitted to the College immediately upon the termination thereof, in order that the same may be registered for future reference.

III. Candidates will be required to produce the following other Certificates, viz.:—

1. Of being twenty-one years of age.
2. Of having been engaged during four years in the acquirement of professional knowledge.
3. Of having studied Practical Pharmacy during three months.
4. Of having attended lectures on Anatomy, delivered not less frequently than four times in each week, during two Winter Sessions.
5. Of having performed Dissections during not less than two Winter Sessions.
6. Of having attended Lectures on Physiology delivered not less frequently than twice in each week, during two Winter Sessions.
7. Of having attended Lectures on Surgery during two Winter Sessions.
8. Of having attended one Course of Lectures on each of the following subjects, viz. Chemistry, Materia Medica, Medicine, and Midwifery.

* Attention being paid in either of the foregoing cases to Practical Pharmacy.

9. Of Instruction and Proficiency in the practice of Vaccination.
10. Of having attended, at a recognised Hospital or Hospitals in the United Kingdom or Colonies, the Practice of Surgery, and Clinical Lectures on Surgery, during three Winter* and two Summer † Sessions.
11. Of having attended, at a recognised Hospital or Hospitals in the United Kingdom or Colonies, the Practice of Medicine, and Clinical Lectures on Medicine, during one Winter and one Summer Session.

N.B.—Blank Forms of the required Certificates may be obtained on application to the Secretary, and all such Certificates will be retained at the College.

SECTION III.

- I. Certificates will not be received on more than one branch of Science from one and the same Lecturer : but Anatomy and Dissections will be considered as one branch of Science.
- II. Certificates will not be recognised from any Hospital in the United Kingdom unless the Surgeons thereto be members of one of the legally constituted Colleges of Surgeons in the United Kingdom ; nor from any School of Anatomy and Physiology or Midwifery, unless the Teachers in such School be members of some legally constituted College of Physicians or Surgeons in the United Kingdom ; nor from any School of Surgery, unless the Teachers in such School be members of one of the legally constituted College of Physicians or Surgeons in the United Kingdom.
- III. No Metropolitan Hospital will be recognised by this College which contains less than 150, and no Provincial or Colonial Hospital which contains less than 100 Patients.

* The Winter Session comprises a period of six months, and, in England, commences on the 1st of October and terminates on the 31st of March.

† The Summer Session comprises a period of three month, and, in England, commences on the 1st of May and terminates on the 31st of July.

- IV. The recognition of Colonial Hospitals and Schools is governed by the same Regulations, with respect to number of Patients and to Courses of Lectures, as apply to the recognition of provincial Hospitals and Schools in England.
- V. Certificates of attendance, commenced subsequently to the 8th of December 1859, upon the practice of a recognised Provincial or Colonial Hospital unconnected with, or not in convenient proximity to, a recognized Medical School, will not be received for more than one winter and one summer session of the Hospital attendance required by the Regulations of this College; and in such cases Clinical Lectures will not be required.
- VI. Certificates will not be received from Candidates who have studied in London, unless they shall have registered at the College their cards of admission to attendance on lectures and Hospital Practice within fifteen days from the commencement of the Session; nor from Candidates who have studied elsewhere, unless their names shall be duly returned from their respective Schools.
- VII. Those Candidates who shall have pursued their studies in Scotland or Ireland will be admitted to examination upon the production of the several Certificates required respectively by the Colleges of Surgeons of Edinburgh and Ireland from Candidates for their Diploma; or in the cases of recognised Foreign or Colonial Universities, by the Authorities of those Universities for their Degree.
- VIII. Members or Licentiates of any legally constituted College of Surgeons in the United Kingdom, and Graduates in Surgery of any University requiring residence to obtain Degrees, and recognised by this College, will be admitted for examination on producing their Diploma, License, or Degree, together with proof of being twenty-one years of age, and of having been occupied at least four years in the acquirement of professional knowledge.
- IX. Graduates in Medicine of any legally constituted College or University requiring residence to obtain Degrees, and recognised by this College, will be admitted to examination on adducing, together with their Diploma or Degree, proof of

being twenty-one years of age, and having been occupied at least four years in the acquirement of professional knowledge.

SECTION IV.

PROFESSIONAL EXAMINATION.

This Examination is divided into two parts.

1. The First or Primary Examination, on Anatomy and Physiology, is partly written and partly demonstrative on the recently dissected Subject, and on prepared parts of the Human body.
2. The Second or Pass Examination, on Pathology, Surgery and Surgical Anatomy, is partly written and partly oral.
3. The Primary Examinations are held in the months of January, April, May, July, and November, and the Pass Examinations generally in the ensuing week respectively.
4. Candidates will not be admitted to the Primary or Anatomical and Physiological Examination, until after the termination of the second Winter Session of their attendance at a recognised School or Schools; nor to the Pass or Pathological and Surgical Examination, until after the termination of the fourth year of their professional education.
5. Candidates, being Graduates in Medicine of either of the Universities of Oxford, Cambridge, or London, will be required to present themselves for the Pass Examination in Surgery only.
6. The fee of Five Guineas paid by each Candidate prior to his Primary Examination will not be returned, but will be allowed in the fee on his admission as a member.
7. A Candidate having entered his name for either the Primary or Pass Examination, who shall fail to attend the meeting of the Court for which he shall have received a card, will not be allowed to present himself for examination within the period of three months from the date at which he shall have so failed to attend.

(Signed) EDMUND BELFOUR,

Secretary.

MADRAS MEDICAL COLLEGE.

Abstract Statement of Students of the Senior Department, 2nd Department, and 3rd or Junior Department, attending the Madras Medical College, who received pay during the Session 1861-62.

STUDENTS.	1861.												1862.		
	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.			
Government Scholars.....						2	2	2	2	2	2	2	2	2	2
1st Class Students, 2nd Department.	26	21	11	11	11	11	11	11	11	11	11	11	11	11	11
2nd do. do.	17	29	12	12	12	11	9	9	9	8	8	8	8	8	8
3rd do. do.			1	2											
1st do. Junior Department.	25	25			33	34	33	33	32	32	32	32	32	32	32
2nd do. do.	28	26	28	28	33	31	30	33	28	27	30	27	30	27	28
3rd do. do.	21	20	18	17	27	27	26	30	28	27	29	28	27	29	28

Abstract Statement of the Expenses.

	RS.	A.	P.	RS.	A.	P.
Salaries of Professors and Principal...	16,001	9	9			
Do. of Assistants.....	5,639	3	1			
Do. of Establishment and Servants.	2,483	5	4			
Contingent expenses.....	306	7	1			
Annual supplies.....	605	11	0			
Stationery.....	34	11	1			
Salaries of Students.....	12,357	15	7			
Total Rupees...	.....	.....	.....	37,428	14	11

No. 25.
Expenses of the Madras Medical College for the Session 1861-62.

Rank.	1861.												1862.			Total.	Grand Total.
	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	RS.	A.	P.		
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.		
1 Principal Medical College.....	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	400 0 0	4,800 0 0		
1 Professor of Medicine, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	1,800 0 0		
1 Professor of Chemistry, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	1,800 0 0		
1 Do. of Midwifery, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	1,800 0 0		
1 Do. of Surgery, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	1,800 0 0		
1 Do. of Anatomy, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	251 9 9	300 0 0	300 0 0	300 0 0	300 0 0	2,201 9 9		
1 Do. of Materia Medica, &c.....	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	150 0 0	1,800 0 0		
																16,001	9 9
1 Assistant to the Professor of Chemistry.....	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	1,200 0 0		
1 Demonstrator of Anatomy, &c.....	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	1,200 0 0		
1 Assistant to the Professor of Materia Medica.....	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	100 0 0	1,200 0 0		
1 Native Assistant.....	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	600 0 0		
3 Subordinate Assistants at Rupees 5 each.....	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	135 0 0		
1 Teacher, Junior Department.....	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	600 0 0		
1 Do. do.....	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	600 0 0		
1 English Teacher, Junior Department.....	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	480 0 0		
																5,639	3 1
1 Clerk and Librarian.....	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	720 0 0		
1 Draughtsman.....	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	35 0 0	510 0 0		
1 Anatomical Attendant.....	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	180 0 0		
1 Do. do.....	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	120 0 0		
1 Do. do.....	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	120 0 0		
1 Peon and Mochie.....	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	10 8 0	126 0 0		
1 Chemical Lascar.....	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	120 0 0		
3 Lascars at 5 Rupees each.....	14 5 4	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	15 0 0	179 5 4		
2 Gardeners at 5 Rupees.....	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	120 0 0		
4 Dooly bearers at Rupees 6 each.....	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	288 0 0		
																2,483	5 4
Contingent expenses of the College.....	56 2 0	21 1 8	15 1 0	30 1 6	6 9 0	6 7 0	30 13 6	25 12 6	33 15 6	22 0 6	21 14 6	36 8 5			306 7 1		
Sundries and articles supplied in the several departments of instruction.....															605 11 0		
Stationery, &c.....															34 11 1		
Students of the Senior Department.....					40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	40 0 0	320 0 0		
Do. of the 2nd and Junior Department attending College..	1,567 12 9	904 14 7	630 0 0	625 0 0	1,134 7 5	1,057 13 10	1,034 0 0	1,068 7 4	1,007 1 6	988 6 2	1,023 0 0	997 0 0			12,037 15 7		
Grand Total Rupees.....																37,428	14 11

MADRAS MEDICAL COLLEGE,
25th April 1862.

No. 26.

MEDICAL COLLEGE, SESSION 1861-62.

CURRICULUM OF STUDY.

Senior Department.

1st Year.	2nd Year.	3rd Year.	4th Year.	5th Year.
Anatomy and Physiology. Chemistry. Materia Medica and Therapeutics. Botany.	Anatomy and Physiology. Chemistry. Practical Chemistry. Materia Medica and Therapeutics. Attendance at a Dispensary.	Anatomy and Physiology. Principles and Practice of Surgery. Theory and Practice of Medicine. Clinical Instruction at the General Hospital. Practical Anatomy.	Principles and Practice of Surgery. Principles and Practice of Medicine. Midwifery and Diseases of Women and Children. Ophthalmic Medicine and Surgery. Clinical Instruction at the General Hospital. Practical Anatomy.	Principles and Practice of Medicine, including Hygiene. Principles and Practice of Surgery. Midwifery and Diseases of Women and Children. Ophthalmic Medicine and Surgery. Clinical Instruction at the Eye Infirmary and Lying-in-Hospital. Practical Anatomy.

Second Department.

1st Year.	2nd Year.	3rd Year.
Anatomy and Physiology. Chemistry. Materia Medica.	<ul style="list-style-type: none"> • Chemistry. • Materia Medica. Anatomy and Physiology. Principles and Practice of Medicine. Principles and Practice of Surgery. Practical Anatomy. Instruction in Clinical Medicine and Surgery daily at the General Hospital 	Principles and Practice of Medicine. Principles and Practice of Surgery. Midwifery and Diseases of Women and Children. Diseases of the Eye. Practical Anatomy. Clinical Instruction at the General Hospital, Lying-in-Hospital and Eye Infirmary.

Junior Department.

1st Year.	2nd Year.	3rd Year.
English, generally. Arithmetic. Geography. Attendance at a Dispensary.	Materia Medica and Therapeutics. Compounding. Anatomy and Physiology. Clinical Instruction at the General Hospital and Eye Infirmary.	Principles and Practice of Medicine. Principles and Practice of Surgery. Miscellaneous Hospital duties. Compounding. Dissections. Clinical Instruction at the General Hospital and Eye Infirmary.

The Students of this Department are instructed by Medical Subordinates, assisted by an English Teacher but acting under the supervision of the Principal and Professors, each Professor examining the Pupils weekly in those branches of study which are taught by him in the Senior and Second Departments. The Junior Pupils of this class are employed during their first year in compounding at the Presidency Hospitals and attending a course of instruction in English

DAILY ORDER OF INSTRUCTION.
Senior and Second Department.

Days.	Hours 10 to 11.	Hours 11 to 12.	Hours 1 to 2.	Hours 2 to 3.	Hours 3 to 4.	Hours 4 to 5.	
Monday...	Mat. Medica...	Botany.	Anatomy and Physiology...	Medicine... ..	Surgery.... ..	Dis. of the Eye. Midwifery.....	Practical Anatomy for the Students of the Senior Department of the 4th and 5th years and those of the 3rd year of the Second Department from 9 ⁴ A.M. to 1 P.M. For the Students of the Second Department of the 3rd year and those of the 2nd year of the second from 11 A.M. to 1 P.M.
Tuesday...	Chemistry. . .	.....	do. . .	do. . .	do. . .	.....
Wednesday.	Mat. Medica..	Botany.	do. . .	do. . .	do. . .	.....
Thursday...	Chemistry....	.....	do. . .	do. . .	do. . .	Midwifery.... ..
Friday	Mat. Medica..	Botany.	do. . .	do. . .	do. . .	do. . .	
Saturday... .	Chemistry. . .	.....	.....	.....	.....	.....

The Lectures to commence on the 1st of August, and to terminate on the 31st March; April to be devoted to Examinations.

Two courses to be given during the Session—The first extending from the 1st of August until Christmas, and consisting of Lectures with occasional examinations; the second commencing after the holidays and continuing until the end of the Session; the latter to be more a conversational course, or one of continuous examinations.

Recorded examinations shall be made by a Committee of Professors at the end of every Session of all the Junior Students. These are not to exempt the Students from such examinations in Anatomy, Chemistry, or Materia Medica, as the Members of the final Examination Committee may consider necessary, either to elicit the student's knowledge of its application to practice, or to satisfy them that he has not neglected these important studies during the interval.

MADRAS, MEDICAL COLLEGE,

18th June 1861.

(Signed) J. SHAW, F. R. C. S.,

Principal, Medical College.

*Subjects and hours of Instruction for Junior Department of the
Medical College.*

Days.	Second Class.		Senior Class.	
	Materia Medica.	Anatomy and Physiology.	Surgery.	Medicine.
Monday ...	*11 to 1	2 to 4	†2 to 4	12 to 2
Tuesday ...	11 to 1	2 to 4	2 to 4	12 to 2
Wednesday.	11 to 1	2 to 4	2 to 4	12 to 2
Thursday ...	11 to 1	2 to 4	2 to 4	12 to 2
Friday ...	11 to 1	2 to 4	2 to 4	12 to 2

Teachers.

Mr. J. J. Wood, Surgery.
 „ R. Wilkins, Anatomy and Physiology.
 „ G. Norton, Medicine.
 M. Juggernathum Naidoo, Materia Medica.

Extract from the Madras Medical College Regulations.

Every student is required to attend punctually at the stated hours for lectures and dissections.

Immediately after the bell for the assembly of the class has been rung, the roll shall be called, and the absence of any student noted. A student coming in to the class room after roll-call, shall be punished by the loss from one to three places in the class at the discretion of the Professor. Any misconduct shall subject a student to such loss of position in his class, as the offence may appear to the Professor to warrant. Should this punishment be deemed insufficient, a report will be made to the Principal in writing for record.

Gross irregularity of any kind shall be brought to the notice of the Principal, and such penalty awarded as he may deem fit.

* Devoted to compounding.

† Surgical appliances, bandaging, &c.

Any student, who shall absent himself without leave (unless such absence be satisfactorily explained,) or in consequence of sickness attributable to his own imprudence, shall be placed at the bottom of his class.

Any student, who shall be prevented from attending his class in consequence of confinement to the Hospital or in the Congee house, shall be considered as having been "absent without leave."

In case of absence on account of sickness duly certified, and not the result of the student's own imprudence, the absentee will be relieved from any penalty, and his position in the class shall remain unaffected.

To prevent irregularity of attendance on the part of students on the pretext of temporary ailment or of taking medicine, the following rules shall be strictly observed.

All Apprentices and Pupils attached to the General or Her Majesty's Regimental Hospitals, when requiring medicine, shall apply to the Apothecary of the General Hospital, and shall remain in the Hospital for the rest of the day.

Apprentices, and Pupils doing duty at other Hospitals and Dispensaries are to remain on the premises when taking medicine, a certificate of absence being furnished as heretofore.

Apprentices and Paid Candidates forming the 1st year's class, and Preparatory Native students, when unable from sickness to attend College, are required to apply for medical aid to the nearest Hospital or Dispensary, and to bring the usual certificate from its Medical Officer.

Any student absenting himself for the purpose of attending the Police Office, shall be subject to the same penalty as if absent without leave, unless he can produce a certificate for the information of the Principal that his attendance has been necessary, either as a witness, or, if as a Defendant, that he has been acquitted by the Magistrate of the charge preferred against him. Absence on account of attendance at the Small Cause Court will be regulated by the same principle.

Leave of absence during the vacation of the College shall be granted to such students alone as have paid satisfactory attention to their studies during the previous course, and to those whose conduct has been, in all other respects, satisfactory.

Every student to whom Books or other property of Government are entrusted, will be held responsible for their preservation in good condition, and, in the event of their being lost or damaged, will be required to replace them, or defray their cost.

EDUCATIONAL DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following letter from the Acting Director of
Public Instruction.

(Here enter 12th May 1862, No. 886.)

ORDER THEREON, 13th September 1862, No. 298.

1. With the letter above recorded, the Acting Director of Public Instruction submits, with his remarks, the annual Report of the Principal of the Medical College for 1861-62.

2. The Government notice with pleasure the satisfactory results of the past Session.

3. The Government will consider the proposal for the re-establishment of the Professorship of Medical Jurisprudence. Meanwhile, they would wish to be informed of the fees that should be charged, supposing the office to be wholly remunerated by fees.

4. From para. 9 of Mr. Powell's letter, it appears that the results of the examination in Medicine of the senior class in the second Department is very inferior to that of their examination in other subjects, and that from the opinions given by the Examiners and by the Principal, to whom a reference was made on the subject, the failure is to be attributed, not to a want of zeal or industry on the part of the Professor of Medicine, but to the use of Compendiums of Medicine by the Students, and to a faulty mode of conducting the class examinations during the Session. The Government are glad to learn that the Principal purposes taking steps to have both defects corrected, and that it is to be anticipated that the Medical class will pass a more satisfactory examination at the close of the ensuing Session.

5. Referring to the unsightly condition, noticed at the conclusion of para. 40 of the Principal's report, of the ground in immediate proximity to the College, and to the instructions stated to have been given both by their Excellencies the Governor and Commander-in-Chief, so far back as September 1860, to the Civil Engineer to frame estimates for enlarging the compound and enclosing it, the Government desire to know what has been done in the Department Public Works in pursuance of those instructions.

(True Extract.)

(Signed) T. PYCROFT,
Chief Secretary.

LIST OF SELECTIONS

FROM THE

RECORDS OF GOVERNMENT.

PARTS ALREADY PUBLISHED.

1854.

	Rs. A.
1. Report on the Navigation of the Godavery.....	<i>Royal 8vo.</i> ... 1 0
2. Report on the Government Central Museum.....	<i>do.</i> ... 0 12
3. Report on the Proposed Abolition of the Madras Mint (Re-printed).	<i>do.</i> ... 0 12
4. Report on the Paumban Channel (Re-printed).....	<i>do.</i> ... 0 8
5. Collective Memorandum of Public Works in the Madras Presidency (Re-printed).....	<i>do.</i> ... 1 0
6. General Report of the Road Department (Re-printed).....	<i>do.</i> ... 1 0
7. Report on the Swinging Festival and Walking through Fire	<i>do.</i> ... 0 10
8. Report on the Proposed Plan for the Revenue Assessment of Kurnool in 1843 (Re-printed).....	<i>Royal 8vo.</i> ... 1 0
9. Report on the Important Public Works for 1851.....	<i>Royal 8vo.</i> ... 1 0
10. Do. do. do. do. 1852.....	<i>do.</i> ... 2 0

1855.

1. Report on Vaccination.....	<i>do.</i> ... 0 10
2. Memo. of Proceedings of the Madras Government in the Department of Education.....	<i>Do. bound.</i> ... 5 0
3. Report on the Navigation of the Godavery (Re-printed).....	<i>Royal 8vo.</i> ... 1 0
4. Major Maitland's School for the Instruction of the Artificers and Pupils at the Gun Carriage Manufactory.....	<i>do.</i> ... 1 8
5. Report of the Annamullay Forests (Re-printed).....	<i>do.</i> ... 0 8
6. Correspondence relative to Proposals for Organising Permanent Corps of Coolies for Employment on Road Works	<i>do.</i> ... 0 8
7. Report on Civil Dispensaries (Re-printed).....	<i>do.</i> ... 0 8
8. Report on District Roads (Re-printed)	<i>do.</i> ... 1 4
9. Revenue Survey (Re-printed).....	<i>do.</i> ... 1 8
10. Operations of the Indian Mints (Re-printed).....	<i>do.</i> ... 1 8
11. Lieutenant O'Connell's Report on the Supply of Madras with Water, and the Improvement of the Drainage and Sewerage of Black Town.	<i>do.</i> ... 2 0
12. Reduction on the Revenue Assessment of North Arcot (Re-printed).	<i>do.</i> ... 0 8
13. General Report of the Road Department for 1854-55.....	<i>do.</i> ... 0 12
14. Report on the Medical Topography of the South Western Political Districts	<i>do.</i> ... 0 4
15. Reports on Important Public Works for 1853 (Re-printed).....	<i>do.</i> ... 1 4
16. Memorandum on Salt	<i>do.</i> ... 2 10
17. Report on Public Instruction in the Madras Presidency for 1854-55.	<i>do.</i> ... 2 8
18. Report of the Railway Department for 1854	<i>Royal 4to.</i> ... 5 0
19. Report on the Ports and Harbours of the Northern Circars, &c.	<i>Royal 8vo.</i> ... 2 0
20. Report on Vaccination for 1854	<i>do.</i> ... 0 8
21. Report on Civil Dispensaries for 1854	<i>do.</i> ... 0 8
22. Papers relating to the Revision of the Land Revenue Assessment in South Arcot	<i>do.</i> ... 0 8

1856.

23. Reports on the Fibres of Southern India.....	Royal 8vo...	3 0
24. Reports on the Disturbances in Purla Kinedy, Vizagapatam and Goomsoor in 1832-36—in 2 Volumes	do. ...	5 0
25. Reports on Important Public Works for 1854.....	do. ...	1 4
26. Papers relating to the Establishment of Village Vernacular Schools in the Sub-Division of Rajahmundry	do. ...	1 8
27. Papers relating to the Budget of 1854-55	do. ...	1 0
28. Do. do. do. of 1855-56	do. ...	1 0
29. Replies to the Collective Memorandum on Public Works in the Madras Presidency	do. ...	0 12
30. Report on District Roads for 1854	do. ...	1 4
31. Papers relating to the Commutation Rates of the Madras Presidency..	do. ...	2 8
32. Report of a Committee on a plan for cleansing the drains of Black Town	do. ...	1 0
32.a Report of Agricultural Exhibitions in the Provinces for 1855.....	do. ...	0 12
33. Report on Vaccination for 1855.....	do. ...	0 8
34. Report on Civil Dispensaries for 1855	do. ...	0 12
35. Report on Public Instruction in the Madras Presidency for 1855-56.	do. ..	1 0
36. Annual Report of the Madras Medical College Session 1855-56....	do. ..	0 8
37. Correspondence on the Scale of Passenger Fares and Goods Tariff, for the Madras Railway. Parts I. and II.....	do. ..	2 8

1857.

38. Papers relating to the Budget of 1856-57	8vo. ...	1 8
39. Report on the Government Central Museum for 1855-56.....	do. ...	2 8
40. Report of the Railway Department for 1855	Royal 4to..	4 0
41. Report on Grants-in-Aid of Schools unconnected with Government..	Royal 8vo..	1 8
42. Report on Vaccination for 1856.....	do. ..	0 8
43. Correspondence on the Scale of Passenger Fares and Goods Tariff, for the Madras Railway. Vol. II.....	do. ..	2 0
44. Report of the Railway Department for 1856.....	do. 4to..	3 0

1858.

45. Report of Agricultural Exhibitions in the Provinces for 1856.....	do. 8vo. ..	1 8
46. Report on Civil Dispensaries for 1856.....	do. ..	1 0
47. Report on District Roads for 1855-56.....	do. ..	1 4
48. Annual Report of the Medical College Session 1856-57.....	do. ..	0 8
49.a Collection of Decrees Illustrating the Mutual Rights of Land-Holders and Tenants in Malabar.....	do. ...	0 4
49. Report on Public Instruction in the Madras Presidency for 1856-57.	do. ..	1 0
50. Report of Agricultural Exhibitions in the Provinces for 1857	do. ..	1 8
51. Report on Vaccination for 1857	do. ..	0 8
52. Revised Rules respecting Applications for Grants-in-Aid of Schools unconnected with Government.....	do. ..	0 8
53. Papers relating to the General Revenue Survey of the Madras Presidency.....	do. ...	2 8
53.a Annual Report of the Railway Department for 1857.....	do. 4to ..	4 0
54. Papers relating to the Budget of 1857-58.....	do. ...	1 8
55. Report on Civil Dispensaries for the year 1857.....	8vo. ..	1 4

1859.

56. Report on Public Instruction in the Madras Presidency for 1857-58.	do. 8vo. ..	1 0
57. Annual Report of the Madras Medical College Session 1857-58..	do. do. ..	0 12
58. Do. do. do. do. 1858-59..	do. do. ..	0 12
59. Administration Report of the Madras Public Works.....	do. 4to. ..	1 0

1860.

61.	Administration Report of the Madras Public Works for 1858-59....	Royal 4to.	..	1	0
62.	Report on Civil Dispensaries for 1858.....	do. 8vo.	..	1	4
63.	Report on Public Instruction in the Madras Presidency for 1858-59.	do. do.	..	1	0
64.	Report of Agricultural Exhibitions in the Provinces for 1859.....	do. do.	..	1	8
65.	Report on Vaccination for 1858.....	do. do.	..	0	8
66.	Annual Report of the Madras Medical College, Session 1859-60....	do. do.	..	0	12
67.	Report on Vaccination for 1859.....	do. do.	..	0	8
68.	Report on Civil Dispensaries for 1859.....	do. do.	..	1	4

1861.

69.	Administration Report of the Madras Public Works for 1859-60 ..	do. 4to.	..	1	0
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1862.

70.	Report on Civil Dispensaries for 1860.....	8vo.	do.	..	1	4
71.	Annual Report of the Madras Medical College, Session 1860-61....	do.	do.	..	0	12