

73982

SELECTION FROM THE RECORDS OF THE
MADRAS GOVERNMENT

NO XX

ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE

SESSION 1869-70



DIGITIZED

F
4m, m69,
m70
73982-



செப்பனியுவர் பெயர்
செப்பனியுதற்கு எடுத்துக்
கொள்ளப்பட்ட நாள்
JUNE 1993
செப்பனியு முடிந்த நாள்

செப்பனியுக்கும்
உதவியாளர்
கையொப்பம்

செப்பனியுக்கும்
உதவியாளர்
கையொப்பம்

1993

✓ 16/2
Selections from the Records of the Madras Government.

SECRETARIAT LIBRARY, MADRAS.	
No. XX.	Class. <i>L</i> No. <i>257</i>
Book-case <i>9.1</i>	
<i>130</i>	

ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE,

SESSION 1869-70.

PUBLISHED BY AUTHORITY.

MADRAS:

PRINTED BY H. MORGAN, AT THE GOVERNMENT PRESS.

1870.

R
L. 21148 M, M69
M70
22

MADRAS MEDICAL COLLEGE,

SESSION 1869-70.

Principal ...	SURGEON-MAJOR G. SMITH, M.D.
Professor of Medicine and Clinical Medicine ...	SURGEON-MAJOR G. SMITH, M.D.
Professor of Surgery and Clinical Surgery ...	SURGEON-MAJOR J. L. PAUL, M.D., absent on furlough on sick certificate, (3rd May 1869).
Acting Professor of do. ...	SURGEON R. W. COCKERILL.
Professor of Materia Medica.	SURGEON F. DAY, absent on furlough to Europe, (1st March 1869). SURGEON G. BIDIE acting from 1st October 1869 to 1st March 1870. SURGEON-MAJOR G. BAILLIE acting from 1st March 1870.
Professor of Midwifery and Diseases of Women and Children ...	SURGEON W. H. HARRIS, M.D.
Professor of Ophthalmology and Physiology ...	SURGEON W. N. CHIPPERFIELD. ASSISTANT SURGEON E. F. BROCKMAN acting from 31st August 1869 to 4th June 1870.
Professor of Chemistry ...	SURGEON G. S. W. OGG, M.B., absent on furlough on sick certificate, (25th December 1868).
Acting Professor of Chemis- try ...	SURGEON H. KING, M.B.
Lecturer on Hygiene ...	SURGEON H. KING, M.B.
Lecturer on Comparative Anatomy ...	SURGEON J. KEESS, M.D.
Professor of Botany ...	SURGEON G. BIDIE, M.D.
Professor of Anatomy ...	SURGEON J. KEESS, M.D.
Professor of Pathology ...	ASSISTANT SURGEON J. B. THOMAS.
Professor of Medical Juris- prudence ...	J. URQUHART, Esq., M.D.

R
L. 21, 14 & M, M 189
M70



4

Demonstrator of Anatomy and Curator of the Museum	}	SUB-ASSISTANT SURGEON R. WILKINS.
Assistant to the Professor of Chemistry		SUB-ASSISTANT SURGEON R. HARVEY.
Assistant to the Professor of Medicine...	}	2ND-CLASS APOTHECARY W. KARNEY.
Assistant to the Professor of Botany and Materia Medica		1ST-CLASS ASST. APOTHECARY W. HAMIL- TON.
Native Assistant	}	2ND-CLASS HOSPITAL ASST. T. CUNNOO- SAWMY PILLAY, No. 488.
Clerk		N. RAMANATHA PILLAY.
Draughtsman		P. MOOROOGASA MUDALY.
Librarian		P. R. NARRAINSAWMY MUDALY.

4

No. 1,291.

From

E. B. POWELL, Esq., C.S.I.,
Director of Public Instruction,

To

THE HONOURABLE R. S. ELLIS, C.B.,
Chief Secretary to Government,
Fort Saint George.

SIR,—I have the honour to submit the Report of the Principal of the Medical College for the Session 1869-70. The Proceedings of the Government Examiners, the Reports of the various Professors, and other usual papers are appended.

2. COLLEGE STAFF.—During the year Mr. Chipperfield resumed charge of his duties as Professor of Ophthalmic Surgery and Physiology, relieving Assistant Surgeon Brockman; Surgeon F. Day, Professor of Materia Medica, proceeded to England on sick leave; and Mr. Bidie, after a connection of five years with the College in the chairs of Botany and Materia Medica, vacated his Professorships on being appointed Secretary to the Inspector-General of the Indian Medical Department. Dr. Baillie, who was appointed Officiating Professor of Materia Medica, took charge on the 3rd March 1870, but the Professorship of Botany, vacated by Mr. Bidie, still remains unfilled. The College sustained a heavy loss in the death of the Professor of Hygiene, Dr. H. B. Montgomery, an able and zealous Officer, who had been connected with the institution for a number of years, and no one having been appointed to succeed him, Mr. King was entrusted with the delivery of the course of lectures on Hygiene during the Summer Session. The course of lectures on Comparative Anatomy was delivered in the year by Dr. Keess.

3. SENIOR DEPARTMENT.—At the commencement of the session, the Senior Department of the College consisted of thirteen students, who, on the whole, acquitted themselves satisfactorily in their class examinations. Six students passed the Preliminary Scientific Examination of the Madras University in July 1869; two, including one of the above six, are not expected to return to the College on its re-opening, it being their intention to prosecute their medical studies in Britain.

4. SECOND DEPARTMENT.—The Second Department contained sixty-two students at the commencement of the session, nineteen in the first class, thirteen in the second, and thirty in the third. All the members

of the senior class passed for the grade of Assistant Apothecary. The second class acquitted itself fairly in its examinations; but the third class, taken as a whole, is said to be of very ordinary capacity. One student of the third class was removed from the service as a deserter, and two of the second, and four of the lowest class had to be discharged for incompetency.

5. JUNIOR DEPARTMENT.—The Junior Department, at opening, contained twenty-seven students in the first, and twenty-four in the second class. Of the former, twenty-three students were passed by the Government Examiners as Hospital Assistants. The second class pupils acquitted themselves pretty favourably in some subjects, but the pre-collegiate training of many of the lads is said to have been defective. Six students, educated at the expense of the Maharajah of Vizianagram, belonged to the second class; but, having joined it two months after the commencement of the session, and not having had any pre-collegiate training, they were placed at considerable disadvantage, and only two of the six can be said to be fit to join the first class in October next. Six students of the junior class had to be dismissed for incompetency, and four of the senior class were rejected by the Final Examination Committee.

6. MEDALS.—The Johnstone Gold Medal was assigned to first-class Hospital Apprentice Robert Gunther, who is favourably spoken of, and the Government Gold Medal was awarded to Medical Pupil T. J. Dava-sagoyum, a deserving and industrious student.

7. CONDUCT.—The conduct of the students in all departments of the College is spoken of favourably.

8. LIBRARY.—One hundred volumes have, in the ordinary course, been added to the library since last report; and the Madras Medical Book Society have most liberally made over the whole of its collection of books, along with the annual interest on a sum of Rupees 1,500 for up-keep, to the Medical College. I will shortly communicate to Government the particulars and conditions of this munificent gift.

9. EX-STUDENTS.—In the course of the year Messrs. Tyrrell and Boalth, former Pupils of the College, returned to India with Commissions in the Madras Medical Department, and the Rev. J. M. Strachan, who was also a student of the Institution, graduated at the University of Edinburgh on the 2nd August 1869, and carried off one of the two gold medals awarded for distinguished theses.

10. The Faculty of the University of Edinburgh have this year agreed to recognize certificates of the Madras Medical College, and have intimated that candidates for degrees in Medicine will be allowed to pass two of the four "Anni Medici," required by the Edinburgh Regulations, at the Madras University. This is a gratifying and important concession, and adds to the repute of the College.

11. SUGGESTIONS.—The suggestions of the Professors of the College, referred to by the Principal, call for no particular remark. It will be observed that steps are intended to be taken in view to having "diseases of women and children" added to the scheme of the Final or Pass Examination on completion of the College Curriculum.

I have the honour to be,

Sir,

Your most obedient servant,

E. B. POWELL,

Director of Public Instruction.

MADRAS, 21st July 1870.

6

ANNUAL REPORT

OF THE

MADRAS MEDICAL COLLEGE,

SESSION 1869-70.

1. With the present anniversary the academic year of 1869-70 comes to an end.

2. The following are the changes which have taken place in the staff of the Institution since last report:—Mr. Chipperfield, who proceeded to Europe on furlough on the 24th June 1868, resumed charge of his duties on the 4th of the present month, relieving Assistant Surgeon Brockman, who had officiated as Professor of Ophthalmic Surgery and Physiology since the 31st August 1869. Mr. Day, who was absent on other duty at the date of last report, left for England on the 1st of March 1870, having obtained a furlough on sick certificate for ten months. Mr. Bidie, Professor of Botany and Acting Professor of Materia Medica, vacated his Professorships on the 3rd of March last, on being appointed Secretary to the Inspector-General, Indian Medical Department. The Professorship of Botany still remains vacant.

Dr. Baillie, who has been appointed to officiate as Professor of Materia Medica, assumed charge of his duties on the 3rd of March 1870, Mr. Bidie obligingly continuing his course of lectures till the conclusion of the Winter Session.

During his five years' connection with the College in the chairs of Botany and Materia Medica, Mr. Bidie has rendered most valuable and efficient service to this institution.

In the death of Dr. Howard B. Montgomery, the College has sustained a heavy loss. Dr. Montgomery first joined College at the commencement of Session 1857-58 as Professor of Botany and Materia Medica, which chairs he ably and zealously filled for a period of eight years. On the 11th of October 1857 he was appointed Professor of Hygiene, and delivered the course on that important subject during the academic years of 1867-68 and 1868-69. At the very moment when a wider field of usefulness seemed on the point of opening out before him as the reward of his ability, industry, and zeal, he was struck down to the great loss of science and to the heartfelt regret of all who had the privilege of his friendship.

As no successor to Dr. Montgomery in the chair of Hygiene has been appointed, Mr. King was entrusted with the delivery of the course of lectures on Hygiene during the past Summer Session.

The course of lectures on Comparative Anatomy was this year undertaken by Professor Keess, M.D.

3. In accordance with the Order of Government, No. 300, dated 17th October 1866, a table is subjoined showing the subjects of each course of lectures, the number of meetings of the classes, the number of lectures, and of examinations, and the proportion of examinations to lectures.

The table requires no comment.

Session.	Subject of each Course.	Number of Meetings.	Number of Lectures.	Number of Examinations.	Proportion of Examinations to total number of Meetings.
Winter.	Medicine ...	113	82	31	1 in $3\frac{2}{3}$
	Surgery ...	116	84	32	1 in $3\frac{2}{3}$
	Ophthalmology ...	48	32	16	1 in 3
	Midwifery ...	95	61	34	1 in 2.8
	Chemistry ...	117	74	43	1 in $2\frac{3}{4}$
	Anatomy ...	115	69	46	1 in $2\frac{1}{2}$
	Physiology ...	95	65	30	1 in $3\frac{1}{3}$
	Materia Medica ...	116	64	52	1 in $2\frac{1}{4}$
	Botany ...	48	27	21	1 in $2\frac{1}{3}$
	Medical Jurisprudence ...	56	37	19	1 in 3
Summer.	Hygiene ...	40	27	13	1 in 3
	Comparative Anatomy ...	49	32	17	1 in 3
	Diseases of Women and Children ...	39	28	11	1 in $3\frac{1}{2}$

4. EXTRACTS FROM ANNUAL REPORTS.—The Professor of Medicine remarks:—

"The Clinical instruction has been of the most practical kind, and the class leaves College possessed of a fair acquaintance with percussion, auscultation, the thermometry of disease, the chemical examination of the urine, and with the use of the microscope. The students have been carefully trained in drawing up cases and in writing prescriptions correctly; they have also been well taught the essentials of therapeutics. The arrangement of pupils into classes, as Clerks, Assistant Clerks, and Clinical Pupils, has worked well. Many of the young lads exhibited considerable interest in this practical work, others of course found it both irksome and disagreeable. All were, however, obliged to do their allotted task. The rosters were carefully kept, and instances of neglect of duty were visited with proportionate punishment. In the clinical course every student has his work defined, his day and night duties, his daily record of the sick under his care, and his duties of dispensing and compounding medicines.

"The junior students are placed under seniors, and both under the Assistant Apothecary attached to the Medical wards, whilst all are responsible to the Medical Officer who examines and corrects the case-books and sees to the regularity, conduct, and capabilities of each pupil in his batch. The whole success of the teaching hinges upon the practical character of the clinical courses and upon the military accuracy with which all details and requirements are enforced."

Referring to the Clinical Class in Surgery, Professor Cockerill observes:—

"The Clinical Class met every morning and evening. In the morning the students were accompanied by me round the wards when every patient was examined and prescribed for. In all important cases the dressing was performed in my presence by the student in charge. At the evening visit each had only to attend to the dressing of his own cases. Operations have been performed after the visit when every one in the hospital can be present."

It may be noted in passing that the clinical instruction conducted in the General Hospital by the Professors of Medicine and Surgery, respectively, is carried out as far as practicable upon one well-defined system.

In connection with the course of lectures on Diseases of Women and Children, Professor Harris makes the following remark:—

"The Second Department Students were well conducted, but on the whole were less attentive and industrious than they were in the Winter Session. I am inclined to think this is partly, if not mainly, attributable to the fact of the subjects not forming a part of the Final or Pass Examination on the completion of the College Curriculum."

Steps will be taken, in connection with the Inspector-General, to have the subject referred to by Dr. Harris added to the scheme of the final examination.

The Acting Professor of Chemistry, Dr. King, observes:—

"I feel it my duty to repeat the suggestion made last year that a more equitable division of the prizes between the two sections of the class should be permitted. Last year the two Senior Department Students obtained the only available prizes. This year the two Senior Department Students receive two out of the three allotted to the class. The leading pupil of the Second Department has indeed, on this occasion, come out of the competition a little superior to Mr. O'Hara, but it was evident from the beginning of the session that the three prizes would fall to the two Senior Department Students and to Wynne; and of the thirty pupils of the Second Department, only one had the advantage of the stimulus which the hope of a prize confers. I cannot doubt that the fourth, fifth, and sixth pupils would have exerted themselves more, and the first, second, and third no less, had one prize been allotted to

the two Senior Department Students, and two prizes to the remaining thirty members of the class. While the present rule for the awarding of prizes continues in force, the former superior in age, ability, and education will invariably win the lion's share of reward."

It has hitherto been the practice of the College to place in one and the same class the students of the Senior and Second Departments, not as a matter of convenience merely, but because experience has shown that the students of both departments are thereby stimulated to a spirited rivalry and competition in the hard-fought contests for class prizes. The records of the College show that this competition has been by no means an unsuccessful one as regards the students of the Second Department; for to take the class of Chemistry as an illustration, it may be mentioned, that Second Department Students carried off the first and second places in Session 1865-66, the first place in Session 1866-67, and the second place in Session 1869-70. Second Department Students also stood at the head of the class of *Materia Medica* in Sessions 1868-69 and 1869-70; at the head of the class of Physiology as well as of the classes of Surgery, Medicine, Pathology, and Diseases of the Eye in Session 1868-69. The Principal is inclined to regard the existing practice of the Institution in this respect as one possessing many obvious advantages, and hesitates to recommend any change which would bring to an end the healthy rivalry of the two departments.

The Professor of Botany has the following paragraph in his report, which has a pointed bearing upon efforts recently made to advocate in the Senate of the University the claims of natural and physical science to be regarded as important elements of general education:—

"Botany like other branches of Natural History is not a favourite science with students in Madras; and so far as my experience goes the subject has been invariably worked at in a perfunctory manner. It is difficult to propose any remedy for this. Boys naturally take to animals and flowers, but it appears to me that these tastes are crushed out of them by our very unitarian system of general education. In it mental growth and natural tastes are almost entirely lost sight of, the main object being to cram the lad for examinations. For this state of matters the modern teacher is not entirely to blame; for, as examinations have been made the *janua* to nearly every walk of life, he must meet the wants of the day, or see his school fall into disrepute."

5. CONSTITUTION OF THE DEPARTMENTS.

A.—Senior Department.

At the commencement of the session the Senior Department consisted of one Private Student in his fifth year, of three Government, and one Private Student in their third year, of one Government Student, one Lane Scholar, and four Private Students in their second year, and of two

Government and one Private Student in their first year, making a total of five Government and seven Private Students, and one Lane Scholar. Of the Senior Department Students, six, viz., Messrs. Nailer, Barren, Wilkins, Moraes, Lancaster, and Warder, passed with success the Preliminary Scientific Examination of the University in July 1869. Next month Messrs. Lechler and O'Hara will go up for the same examination, and Messrs. Mahoney, Martin, Gray, and John will appear for the first examination of the University for degrees in Medicine. Government Scholar Lechler has tendered the resignation of his scholarship from the close of the present month, and Private Student Moraes has intimated his intention of leaving College at the close of the session. Both gentlemen intend to prosecute their medical studies in Britain.

The results of the class examinations at the close of the Winter and Summer Sessions were upon the whole satisfactory as regards the students of the Senior Department. Messrs. Lechler and O'Hara in their first year of study merit commendation. Of the six students in their second year of study, Messrs. Nailer and Barren have done well, and Messrs. Lancaster and Wilkins have acquitted themselves satisfactorily, though both have been somewhat kept back in their studies by bad health. Messrs. Moraes and Warder, however, have not distinguished themselves by marked ability or industry. Messrs. Mahoney, Martin, Gray, and John in their third year of study have gained the approbation of their teachers. Mahoney is intelligent and thoughtful, Martin steady and hardworking, Gray able and painstaking, and Matthew John capable, but deficient in energy. Mr. Tyrrell, a Private Student in his fifth and last year at College, an intelligent and earnest student, has had his studies seriously interrupted during the Winter Session by severe illness. This untoward event will prevent his appearance at the second examination for the degree of M.B. and C.M. in July.

B.—Second Department.

At the commencement of the session the Second Department consisted of nineteen first-class students in their third year of study, thirteen second-class students in their second year of study, thirty third-class students in their first year of study. Nineteen lads, constituting the first or senior class, appeared before the Final Examination Committee as candidates for the grade of Assistant Apothecary on the 14th June. All passed successfully and with more or less credit. The Examination Committee remark: "that most of these young men acquitted themselves with credit, and all of them satisfied the Examiners that they possessed a fair and practical knowledge of the subjects they were examined in."

The batch which this day leaves College to join the Subordinate Medical Department is a good one; the members of it have received a sound clinical and practical training, and are likely to prove useful and trustworthy Medical Subordinates. Gunther, Prichard, Isaac, and

Geils deserve special commendation. The conduct of these young men has been good.

Second Class, Second Department.—The class examinations held at the close of the sessions by Committees of Professors give the following results:—

In Anatomy the per-centage of good marks is	...	77
Physiology do.	...	49
Surgery do.	...	23
Medicine do.	...	81
Minor Surgery do.	...	100
Practical Pharmacy do.	...	92

This table shows that the class acquitted itself well in Anatomy, Medicine, Practical Pharmacy, and Minor Surgery; moderately well in Physiology; and indifferently in Surgery. These per-centages have been obtained by taking the mean results of the oral and written examinations on the several subjects. Minor Surgery and Practical Pharmacy, however, are excepted, the examinations in these subjects being entirely practical.

The conduct of this class has been good. Ballantyne and Donohoe are the least promising lads of the batch.

Third Class, Second Department.—The annual examinations of this class gave the following results:—

In Anatomy the per-centage of good marks is	...	59
Chemistry do.	...	46
Materia Medica do.	...	64
Practical Chemistry do.	...	78
Practical Pharmacy do.	...	93

The class, taken as a whole, is one of very ordinary capacity. A few of the lads, however, have shown intelligence and industry. W. P. Woodbridge, a student of this class, absconded on the 4th February, and was subsequently removed from the service as a deserter. The pre-collegiate training of some of these young men has been very defective. The conduct of the class has been good.

The following students of the second and third classes of the Second Department are recommended for discharge on the ground of incompetence:—

Second Class.

H. Ballantyne. | M. Donohoe.

Third Class.

W. J. Dyce. | G. Druston.
J. Dyce. | W. Radford.

C.—Junior Department.

At the opening of the session the Junior Department consisted of twenty-seven first-class students in their second year of study, twenty-four second-class students in their first year of study. Twenty-seven students constituting the first or senior class of the department appeared before the Final Examination Committee on the 17th June, and twenty-three of the number were passed as qualified for the grade of Hospital Assistant. The Examination Committee observe: "The results of the examinations of the twenty-seven lads of the Junior Department were satisfactory; out of these, twenty-three passed the prescribed test with credit, and four were rejected." These lads constitute a transition batch, having been partly educated under the old system and partly under the new curriculum as sanctioned by Government on the 29th March 1865. The corresponding batch of 1871 will have been educated altogether under the new scheme.

The class which passes into the Service this day is a fair average one. The conduct of these lads has been good.

Second Class, Junior Department.—This class consists of twenty-two Government Students and of six students educated at the expense of the Maharajah of Vizianagram.

At the annual examination the following per-centages of good marks were obtained:—

In Anatomy per-centage of good marks is	...	54
Physiology do.	...	68
Materia Medica do.	...	63
Practical Pharmacy do.	...	63
Minor Surgery do.	...	72

These returns, compared with corresponding results of the last three years, show more favourable per-centages in Anatomy, Materia Medica, and Minor Surgery, but less favourable results in Practical Pharmacy. The pre-collegiate training of many of these lads has been defective, a fact which has been brought to the notice of the Inspector-General.

The students supported by His Highness the Maharajah of Vizianagram joined College in December last, *two months after the commencement of the session*. This fact, taken in connection with the entire absence of all pre-collegiate training, has placed these young men at great disadvantage; only two lads* of the batch can be regarded as fit to join the first class in October next, the remaining students must re-commence their studies in the second class.

The conduct of these young men has been good.

The classes of the Junior Department are now conducted partly by the Professors and partly by the Assistants; the courses of Anatomy, Materia Medica, Medicine, and Surgery are double, separate courses being given by the Professors and Assistants. In the courses given by the

* Sirecnavasa Row.
Tripathi Rajoo.

Assistants the subject matter is presented to the students in a simple and more conversational style, and progress is noted by repeated examinations. The classes of the Junior Department are also examined from time to time by the Professors of the corresponding subjects.

The Senior Class met for instruction in Medicine, under Mr. Karney, 112 times, including forty-five examinations; in Surgery, under Mr. Hamilton, 110 times, including forty-six examinations. The Junior Class met for instruction in Anatomy, under Mr. Karney, 112 times, including forty-eight examinations; in Materia Medica, under the Native Assistant, 112 times, including thirty-five examinations. Mr. Cunnoosawmy Pillay had, also, the charge of the Practical Pharmacy Class, which met twenty-eight times, including three examinations. Mr. Hamilton instructed the youths of the Senior Class, and Mr. Karney those of the Junior Class in Minor Surgery; the former met on seventeen, and the latter on twenty occasions.

The Junior Class met for instruction in Physiology, under Mr. Wilkins forty-five times; fifteen examinations were held.

The following students of the Junior Department, having been pronounced incompetent, are recommended for removal from the Service:—

Second Class.

R. Venketasawmy, No. 908.
T. Appavoo Moodelly, No. 946.
P. Chintamoney Moodelly, No. 934.
P. M. Moorogasen Moodelly, No. 971.
V. Iyenpermal Pillay, No. 961.
Abdool Wahab, No. 975.

And the following lads have been rejected by the Final Examination Committee:—

G. Davarajaloo Chetty, No. 916,
T. Rungasawmy Pillay, No. 947.
T. Nagapen, No. 974.
M. Doorghiah Pillay, No. 940.

GENERAL.

6. PRIZES AND MEDALS.—The Johnstone Gold Medal, which is awarded to the most deserving student from the class of those, either Military or Private, completing their studies, has this year been gained by First-Class Hospital Apprentice Robert Gunther, who entirely deserves the honour.

The Government Gold Medal has been awarded to Medical Pupil T. S. Davaagoyum, a deserving and industrious student.

7. LIBRARY.—One hundred volumes have been added to the Library since last report. The General Library now contains 2,958, and the Students, Library, 480 volumes.

8. MUSEUM.—During the last year fifty specimens have been added to the College Museum, raising the total number of specimens to 1,030.

9. ASSISTANTS.—The pressing duties of the past session have been performed by the College Assistants with their usual care and zeal. Much of the success of the College system is due to the interest and energy they display in the performance of their onerous and varied duties.

The Clerk, Librarian, and Draughtsman have given satisfaction.

10. SICKNESS.—There has been one casualty among the lads of the Junior Department. Two students of the Second Department are still absent from College in consequence of severe and prolonged illness. With these exceptions there has been no sickness of any importance among the Military Students of the College during the last year.

11. FORMER PUPILS.—Since last report Messrs. Tyrrell and Beath, former Pupils of this Institution, have returned to India with Commissions in the Madras Medical Department. Mr. Gregory, after passing his examinations for the degree of M.B. and C.M. at this University, proceeded to England, and has succeeded in obtaining the double qualification granted by the Royal Colleges of Physicians and Surgeons of Edinburgh.

HISTORICAL.

12. HISTORICAL NOTICE.—As usual a short statement of the principal events, connected more or less directly with this Institution, which have occurred during the past year, concludes this report.

(a.) The University Regulation, which requires that all candidates for the Preliminary Scientific Examination shall have passed the F.A. Examination, and that such students as have not passed in Latin shall be required to undergo an examination in that language up to the F.A. standard, came into force on the 1st of January last. Messrs. Lechler and O'Hara accordingly come under the operation of this regulation.

(b.) With the approval of the Director of Public Instruction an application was made, under date the 26th January last, to the Medical Faculty of the University of Edinburgh for the official recognition of the Certificates of the Madras Medical College, in so far as its courses of instruction might prove to be in harmony with the regulations of that University. Under date 23th April 1870 an official communication was received from the Dean of the Medical Faculty, in which it is stated that the certificates of attendance upon the courses of Anatomy, Practice of Physic, Midwifery, Chemistry, Surgery, and Materia Medica will be recognized by that Faculty, and that candidates for degrees in Medicine will be allowed to pass two of the four "Anni Medici," required by the Edinburgh Regulations, at the Madras University. This important concession has raised alike the position and prestige of the Madras Medical College.

(c.) A distinguished student of this College, the Rev. J. M. Strachan

having proceeded to Edinburgh to complete his medical studies, graduated at the University of that city on the 2nd August 1869. He carried off one of the two gold medals awarded for distinguished thesis. Dr. Balfour, the Dean of the Medical Faculty, in his address, delivered on the graduation day, alluded to Dr. Strachan in the following flattering terms:—

“The other medal has been awarded to Dr. John Miller Strachan for a thesis on the Pathology and functions of the Cerebellum. Dr. Strachan has been for some years a Missionary in connection with the Church of England in Southern India. Seeing the importance of medicine in connection with Missionary work, he has prosecuted his studies in the Medical Schools of Madras and Edinburgh, and now returns to India to employ his knowledge of medicine as a handmaid to his Missionary labours, to heal diseases and to preach the Gospel. He has submitted a valuable thesis, illustrated by a large number of microscopical preparations, which bear evidence of his ability, skill, and perseverance. His original observations entitle him to the medal.”

(d.) The preparation of a practical text book on Hygiene, proposed by the late Dr. Montgomery and readily assented to by Government, has devolved upon the Acting Professor of Chemistry, Dr. King, in accordance with the terms of G. O., No. 188, dated 8th June 1870. A class book on Hygiene, expressly suited to this country, is certainly a pressing desideratum.

(e.) In G. O., No. 357, dated 29th March 1870, Mr. Sub-Assistant Surgeon Harvey, one of the College Assistants, was nominated, along with three Medical Officers, to conduct the Analysis of the Potable Waters of the Madras Presidency and of Burmah. Mr. Harvey fully deserves this recognition of his eight years' valuable services to this Institution in connection with the Chemical Department. His removal, however, will be a serious loss to the College.

(f.) At a Meeting of the Committee of Management of the Madras Medical Book Society, under date the 18th June 1870, it was resolved finally to close the operations of the Society, and to hand over the whole of its library, along with the annual interest of a sum of Rupees 1,500, to be expended in the up-keep of the same, to the Medical College on certain conditions. Should Government accept this gift on the conditions proposed, upwards of 1,200 volumes of Medical Works will be added to the College Library.

13. In conclusion the Principal tenders his sincere thanks to his brother Professors and to the several Assistants of the College for the zealous, cordial, and efficient help they have rendered him during the past academic year.

MADRAS, MEDICAL COLLEGE,
27th June 1870.

GEO. SMITH, M.D.,
Principal, Medical College.

Proceedings of the Committee of Examiners appointed in Proceedings of Government, Educational Department, No. 171, dated 27th May 1870.

PRESIDENT :

Deputy Inspector-General J. A. REYNOLDS.

MEMBERS :

Surgeon J. M. JOSEPH, M.D.

Assistant Surgeon W. MACRAE, M.B.

1. The Committee of Examiners appointed by the Order of Government, No. 171, dated 27th May 1870, assembled at the General Hospital at 6 A.M. on the 14th and 15th June, and at the Eye Infirmary on the 16th, and on these days the Senior Military Students were examined orally and by written questions, in Medicine and Clinical Medicine, Surgery and Clinical Surgery, Hygiene, Medical Jurisprudence, Ophthalmology, and Midwifery; and on the 17th June, at the Medical College, in Operative and Minor Surgery; and on this day the Junior Students were also examined orally in Practice of Medicine, Surgery, Hygiene, and Minor Surgery.

2. The results of the examinations are noted in Tables I. and II. forwarded with this Report.

3. Table I. will show that the nineteen Senior Students who came up for their examination have all passed, most of these young men acquitted themselves with credit, and all of them satisfied the Examiners that they possessed a fair and practical knowledge of the subjects they were examined in.

4. The results of the examinations of the twenty-seven lads of the Junior Department were satisfactory. Out of these, twenty-three passed the prescribed test with credit, and four were rejected.

5. In closing this report the Committee have much pleasure in recording their high sense of the zeal displayed by the Principal and Professors in instructing the students of the College. The creditable manner in which the scholars passed their examinations fully proved that great interest, care, and attention must have been bestowed on their professional education.

6. The two candidates for grade of Sub-Assistant Surgeon passed the first examination very creditably.

(True Copy.)

MADRAS, 20th June 1870.

GEO. SMITH, M.D.,

Principal, Medical College.

TABLE

Result of the Final Examination of Senior

No.	NAMES.	CLINICAL AND PRACTICAL.				ORAL.			
		Medicine.	Surgery.	Ophthalmology.	Operative and Minor Surgery.	Medicine.	Surgery.	Midwifery.	Ophthalmology.
1	G. T. Anderson	Good.	Good.	Fair.	Very good.	Good.	Fair.	Good.	Good.
2	T. A. Bay	Fair.	Indifferent.	Fair.	Very good.	Fair.	Good.	Good.	Fair.
3	G. T. Carroll	Very good.	Fair.	Good.	Good.	Very good.	Very good.	Very good.	Good.
4	F. A. Carreck	Very good.	Fair.	Fair.	Fair.	Very good.	Fair.	Good.	Good.
5	T. A. S. Connor	Fair.	Fair.	Fair.	Fair.	Indifferent.	Very good.	Fair.	Good.
6	J. Cole	Fair.	Fair.	Fair.	Good.	Good.	Fair.	Fair.	Very good.
7	W. A. Cole	Fair.	Fair.	Good.	Very good.	Good.	Very good.	Fair.	Very good.
8	J. T. Evers	Fair.	Fair.	Good.	Good.	Fair.	Very good.	Indifferent.	Good.
9	J. D. Geils	Fair.	Good.	Fair.	Good.	Fair.	Very good.	Good.	Very good.
10	T. Goroosawmy Pillay	Good.	Fair.	Fair.	Good.	Good.	Good.	Good.	Good.
11	R. P. Gunther	Very good.	Good.	Good.	Very good.	Very good.	Very good.	Very good.	Fair.
12	H. Henderson	Very good.	Fair.	Fair.	Good.	Good.	Very good.	Good.	Good.
13	E. Isaac	Very good.	Fair.	Good.	Good.	Good.	Very good.	Very good.	Good.
14	H. H. D. Lynsdale	Good.	Fair.	Fair.	Good.	Fair.	Good.	Very good.	Good.
15	J. W. Prichard	Good.	Good.	Good.	Very good.	Good.	Very good.	Good.	Indifferent.
16	E. C. Radford	Indifferent.	Fair.	Good.	Good.	Fair.	Very good.	Good.	Fair.
17	C. Rangasawmy Moodelly	Good.	Good.	Fair.	Good.	Fair.	Good.	Fair.	Fair.
18	M. Veeramahali	Fair.	Fair.	Good.	Very good.	Indifferent.	Good.	Very good.	Fair.
19	R. R. Wale	Indifferent.	Fair.	Good.	Good.	Indifferent.	Fair.	Good.	Good.

Military Students—Session 1869-70.

WRITTEN.								RESULTS.						Above 52 to exclude.
Hygiene.	Medical Juris- prudence.	Medicine.	Surgery.	Midwifery.	Ophthalmol- ogy.	Hygiene.	Medical Juris- prudence.	Very good.	Good.	Fair.	Indifferent.	Bad.	Very bad.	
								1	2	3	4	5	6	
Fair.	Good.	Good.	Fair.	Good.	Indif- ferent.	Fair.	Very good.	2	8	5	1	...	...	37
Indif- ferent.	Good.	Good.	Very good.	Good.	Fair.	Good.	Fair.	2	6	6	2	...	...	40
Indif- ferent.	Good.	Good.	Fair.	Good.	Good.	Fair.	Fair.	4	7	4	1	...	...	34
Indif- ferent.	Good.	Fair.	Indif- ferent.	Good.	Good.	Indif- ferent.	Fair.	2	5	6	3	...	...	42
Indif- ferent.	Good.	Good.	Fair.	Good.	Good.	Indif- ferent.	Fair.	1	5	7	3	...	...	44
Fair.	Good.	Good.	Fair.	Fair.	Fair.	Fair.	Indif- ferent.	1	4	10	1	...	...	43
Fair.	Good.	Very good.	Indif- ferent.	Fair.	Fair.	Fair.	Fair.	4	3	8	1	...	...	38
Indif- ferent.	Good.	Very good.	Fair.	Indif- ferent.	Indif- ferent.	Fair.	Fair.	2	4	6	4	...	...	44
Good.	Good.	Very good.	Fair.	Good.	Fair.	Indif- ferent.	Fair.	3	6	6	1	...	...	37
Fair.	Good.	Good.	Fair.	Good.	Good.	Indif- ferent.	Fair.	...	10	5	1	...	...	39
Fair.	Good.	Very good.	Fair.	Good.	Good.	Indif- ferent.	Geo	6	6	3	1	...	...	31
Fair.	Good.	Good.	Indif- ferent.	Fair.	Good.	Indif- ferent.	Fair.	2	7	5	2	...	...	39
Good.	Fair.	Very good.	Good.	Fair.	Good.	Very good.	Fair.	5	7	4	...	...	...	31
Fair.	Good.	Fair.	Fair.	Fair.	Fair.	Fair.	Fair.	1	5	10	...	...	...	41
Fair.	Indif- ferent.	Very good.	Fair.	Very good.	Very good.	Very good.	Fair.	6	5	3	2	...	...	33
Fair.	Fair.	Good.	Good.	Fair.	Indif- ferent.	Fair.	Fair.	1	5	8	2	...	...	42
Good.	Good.	Very good.	Very good.	Fair.	Fair.	Indif- ferent.	Good.	2	7	6	1	...	...	38
Fair.	Good.	Good.	Very good.	Fair.	Good.	Indif- ferent.	Fair.	3	5	6	2	...	...	39
Fair.	Good.	Good.	Fair.	Fair.	Good.	Indif- ferent.	Fair.	...	7	6	3	...	...	44

(Signed) J. A. REYNOLDS, Deputy Insp.-Genl., Indian Medical Dept.—President.

(") J. M. JOSEPH, M.D., Surgeon,

(") WILLIAM MACRAE, M.B., Assistant Surgeon,

(") GEO. SMITH, M.D., Principal, Medical College,

} Members.

(True Copy.)

MADRAS, 20th June 1870.

GEO. SMITH, M.D.,

Principal, Medical College.

TABLE II.
Result of the Final Examination of the First or Senior Class Students of the Junior Department—Session 1869-70.

No.	NAMES.	Practice of Medicine.	Surgery.	Hygiene.	Minor Surgery.	REMARKS.
1	Amber Ally.	Good	Indifferent	Good	Fair	Passed.
2	J. C. Alagattayyarsamy Naick	Good	Fair	Bad	Good	Do.
3	A. C. Chocalingum	Very good	Fair	Fair	Good	Do.
4	S. S. Cooposawmy Pillay	Very good	Good	Bad	Good	Do.
5	T. L. Davasagayum	Good	Fair	Indifferent	Fair	Not passed.
6	G. Davarajaloo Chetty	Fair	Indifferent	Indifferent	Fair	Do.
7	M. Doorgiah Pillay	Bad	Fair	Bad	Good	Passed.
8	C. Francis	Good	Very good	Indifferent	Good	Do.
9	D. Iyasawmy	Good	Very good	Good	Good	Do.
10	P. Janakeram Pillay	Very good	Very good	Fair	Good	Do.
11	M. Lingasun	Very good	Indifferent	Fair	Good	Do.
12	C. Madaray.	Very good	Fair	Indifferent	Good	Do.
13	J. Manickum	Good	Fair	Indifferent	Good	Do.
14	M. Manickum Moodelly	Good	Indifferent	Fair	Good	Do.
15	B. Manthoorayasad	Good	Fair	Fair	Good	Do.
16	C. V. Narrainasawmy	Good	Bad	Very bad	Good	Not passed.
17	T. Nagapoon	Fair	Very bad	Fair	Very good	Passed.
18	T. Pauperoyaloo Naick	Good	Very good	Indifferent	Fair	Do.
19	C. Ragarajaloo Naiddoo	Fair	Good	Good	Bad	Do.
20	C. Ramakistna Naiddoo	Good	Very good	Fair	Good	Do.
21	P. Runganaickaloo Naiddoo	Fair	Fair	Bad	Bad	Not passed.
22	T. Rungasawmy Pillay	Indifferent	Good	Indifferent	Fair	Passed.
23	S. Sincen	Very good	Very good	Bad	Good	Do.
24	J. Soveriappen	Good	Very good	Bad	Good	Do.
25	C. Soveriappen	Fair	Very good	Indifferent	Good	Do.
26	M. Veerasawmy Naiddoo	Good	Very good	Fair	Good	Do.
27	T. Veeraragavaloo Naiddoo	Very good	Very good	Fair	Good	Do.

(Signed) J. A. REYNOLDS, Deputy Insp.-Genl., Indian Medical Dept.,—President.
(") J. M. JOSEPH, M.D., Surgeon.
(") WILLIAM MACRAE, Assistant Surgeon.
(") GEO. SMITH, M.D., Principal, Medical College,
(True Copy.)

MADRAS, MEDICAL COLLEGE, 26th June 1870.

TABLE III.

Result of the First Examination of Candidates for the Grade of Sub-Assistant Surgeon.

No.	NAMES.	Anatomy.	Materia Medica.	Physiol. ogy.	REMARKS
1	T. Cunnoosawmy Pillay, No. 488...	Fair.	Good.	Very good.	Passed.
2	P. Moonesawmy " 615...	Good.	Good.	Very good.	Passed.

(Signed) J. A. REYNOLDS,
Dy. Insp.-Genl., Indian Medl. Dept.—President.
(") J. M. JOSEPH, M.D.,
Surgeon.
(") WILLIAM MACRAE,
Assistant Surgeon.
(") GEO. SMITH, Surgeon, M.D.,
Principal, Medical College.
(True Copy).
GEO. SMITH, M.D.,
Principal, Medical College.

MADRAS, MEDICAL COLLEGE,
26th June 1870.

No. 29.

SESSION 1869-70.

Annual Report of the Class of the Theory and Practice of Medicine.

1. The Class of Medicine met 113 times, eighty-two of the meetings being devoted to lectures.
2. Thirty-one examinations, oral and written, were held; the proportion of examinations to meetings being 1 in 3½.
3. There were no special arrangements for tuition.

Senior Dept. Students 1
2nd do. do. 3d year 19
2nd do. do. 2d year 13

4. The classes were composed as noted in the margin.
5. One Senior Department Student, Mr. Tyrrell, a Private Student in his fifth year of study, attended the course with praiseworthy zeal and regularity at the commencement of the session, but serious illness obliged him to discontinue his studies; he was absent from nearly one-half of the total number of meetings. Mr. Tyrrell is a student of fair abilities, and of great perseverance and earnestness; he has already passed the Preliminary Scientific and First Examinations of the University for the degree of M.B. and C.M.; and had health permitted, he would have appeared this year for his final examination for that degree. His conduct has been unexceptionable.

6. As already noted, nineteen Second Department Students in their third year, and thirteen in their second year attended the course of lectures on Medicine.

The students of the third or final year at College are upon the whole industrious and intelligent lads. Gunther, Isaac, Prichard, Geils, and Carroll have done specially well; the rest of the class, with the exception of Radford and Cole, has done fairly.

The students of the Second Department in their second year are not altogether equal in ability to those of the third year.

Theobald, Gaynor, Lawrence, and Castello are, at present, the most industrious and intelligent of the batch. Donohoe and Ballantyne are unpromising students, deficient in general education, and apparently also in intelligence.

The conduct of the lads of the Second Department has been good.

7. *Junior Department Students.*—The Senior Class of this Department, under the new arrangements, attended the course of Medicine. They also attended the separate course delivered by Mr. Karney.

Mr. Karney reports, that he delivered to the senior students of the Junior Department sixty-seven lectures, and that he held forty-five examinations during the Winter Session of 1869-70.

I examined this class six times, and am fairly satisfied with the general intelligence and industry of the majority of the lads. The students marginally noted appeared to me to be specially deficient, partly from imperfect acquaintance with the English language, partly from want of intelligence and industry.

Mr. Karney has done ample justice to this class; the examinations held by me showed that the young men have acquired from him an intelligent and practical acquaintance with this most difficult subject.

8. The course of lectures delivered by me was as complete as time would permit; it was largely supplemented by daily clinical instruction in the General Hospital, where the students were trained in general and physical diagnosis, in case-taking, and in night duty with the sick under the direct supervision of myself and of the Medical Subordinates of the Hospital. The clinical instruction has been of the most practical kind, and the class leaves College possessed of a fair acquaintance with percussion, auscultation, thermometry of disease, the chemical examination of the urine, and with the use of the microscope. They have been carefully trained in drawing up cases, and in writing prescriptions correctly; they have also been well taught the essentials of therapeutics. The arrangement of the pupils into classes, as Clerks, Assistant Clerks, and Clinical Pupils, has worked well. Many of the young lads exhibited considerable interest in this practical work;

Mutherooprasad.
C. Francis.
C. Soveriappen.
T. Nagappan.
M. Doorghiah Pillay.
M. Manickum.

others, of course, found it both irksome and disagreeable. All were, however, obliged to do their work. The rosters of duty were carefully kept, and instances of neglect of duty were visited with proportionate punishment.

In the clinical course every student has his work defined, his day and night duties, his daily record of the sick under his care, and his duties of dispensing and compounding medicines. The junior students are placed under seniors, and both under the Assistant Apothecary attached to the Medical wards, whilst all are responsible to the Medical Officer who examines and corrects the case-books, and sees to the regularity, conduct, and capabilities of each pupil in his batch. The whole success of the teaching hinges upon the practical character of the clinical courses, and upon the military accuracy with which all details and requirements are enforced.

9. The names of the students who have gained prizes, as well as

	CLINICAL PRIZES.
2nd Dept. 3rd year.	2nd Dept. 3rd year.
R. P. Gunther.	R. P. Gunther.
2nd Dept. 2nd year.	2nd Dept. 2nd year.
E. J. Theobald.	No prize recommended.

those who have merited the honourable certificates of "High Approval" and of "Approval," are entered in the margin. Gunther and Theobald well deserve their

honours, and the others the expression of approbation accorded to them.

2nd Dept. 3rd year.	2nd Dept. 2nd year.
J. Cole.	M. Donohoe.
E. C. Radford.	H. Ballantyne.

10. The names of the students regarded as "Deficient" are entered in the margin.

11. Mr. Karney, my Assistant in the class, has afforded me all needful help.

MEDICAL COLLEGE,
24th May 1870.

GEO. SMITH, M.D.,
Professor of Medicine
and Clinical Medicine.

No. 30.

Report on the Class of Surgery—Winter Session 1869-70.

1. The Surgery Class met 116 times, of which eighty-four meetings were devoted to lectures.

2. There were thirty-two examinations, twenty-seven oral, and five written. This proportion is slightly below the Government standard, but there will always be a difficulty in teaching all the subjects in the Syllabus in about eighty lectures, particularly where all the students

are expected to take ample notes, necessitating a somewhat slow delivery on the part of the Lecturer.

3. The arrangements for teaching have been similar to those of last year. The lectures have been illustrated by drawings, morbid specimens, and reference to cases available for the inspection of the class.

4. The class consisted of ten students of the Senior Department, who are qualifying for examinations in England or at the University of Madras, thirty-two of the Second or Military Department, and twenty-seven Native lads of the Junior Department, making a total of sixty-nine.

5. Of the ten students of the Senior Department four have already attended a course of Surgery, viz., Mahoney, Martin, Gray, and John; the three former being Government Students, the latter the Travancore Scholar. Mahoney is the most intelligent and thoughtful student in the class. He has worked hard both in College and Hospital, and will, I am sure, make an excellent Surgeon. Martin is a steady, hardworking lad of good abilities. He has maintained his position as second in the class throughout the session. Gray is intelligent and painstaking, but he has been frequently absent through illness, and so has lost his third place. Matthew John, though not at all deficient in intellects, has allowed several students of the Second Department to dislodge him from his fourth place on the general list, so that he now only stands ninth.

The other six students are in their first year of attendance at Surgical lectures, of these I cannot speak too highly; of Private Student Warden and Government Student Nailer they are intelligent, thoughtful, and studious, and have risen from almost the bottom to the top of the class; Private Student Moraes has also done very well. Lane Scholar Barren, has not given me satisfaction; when asked a question he appears seldom to understand it, and he is wanting in industry. Private Students Wilkins and Lancaster have also remained near the bottom of the class but the latter has been in bad health the greater part of the session.

6. In the Second Department nineteen students are in their third and last year at College, of these Gunther and Prichard are the best; both are very hardworking, intelligent lads. Gooroosawmy Pillay, Veramahlai, Geils, Isaac, Bay, Rungasawmy Moodelly, Anderson, Wale, and Carroll have given me satisfaction. Lynsdale is careless and wanting in zeal. Evers, who began as last in the class, has risen six places. W. A. Cole is wanting in ability, but careful and attentive. Connor makes a great pretence of zeal, but he is idle and his knowledge is most superficial. Henderson, Radford, Carreck, and J. Cole are wanting in every respect; but J. Cole has been ill and absent nearly a third of the session.

Thirteen students in their second year at College have not previously attended lectures on Surgery. Of these Theobald, Blake, Lawrence,

Frost, Simon, Moore, Gaynor, and Montgomery have made fair progress and given me satisfaction. Castello and Pereira are deficient in industry, and Donohoe, Swayne, and Ballantyne are deficient in every way. The conduct, however, of every student in the class has been very good.

7. The students of the Junior Department, twenty-seven in number, who are all Natives, attended my lectures and examinations, and also the instruction of Mr. Hamilton, by whom they were examined forty-six times, as well as five times separately by myself. Mr. Hamilton will submit a list showing the order in which they stand at the close of the session. The upper half of the class are sharp lads and have a fair knowledge of the subjects, the lower six are idle and stupid. At the end of the Summer Session I will speak of each individually; but I fear a year's study is too short a time for them to master even the rudiments of so complex a subject.

8. In the lectures I have only fully taught the principles of Surgery and the more important points of its practice, reserving many minor affections and the description of the operations to the Summer Session, when they can be better illustrated. Every student attending my lectures has belonged to my Clinical Class in the General Hospital, and has thus had a good opportunity of studying Practical Surgery. The stock of instruments for exhibition to the class is old and requires renewing. It was doubtless formed at a time when the students of this College had not to compete with those of the Medical Schools of Great Britain.

9. List of Students entitled to Prizes, &c. :—

SENIOR CLASS.

First Prize.

P. Mahoney.

Second Prize.

J. Martin.

High Approval.

R. P. Gunther.

J. W. Prichard.

Approval.

H. A. C. Gray.

M. Veramahla.

T. Gooroosawmy Pillay.

JUNIOR CLASS.

Prize.

R. Warden.

High Approval.

H. Nailer.

E. J. Theobald.

Approval.

H. A. Moraes.

If two prizes are given, the second would fall to Nailer, who well deserves one.

10. *List of Students "Deficient" in industry, &c. :-*

SENIOR CLASS.

H. Henderson.	J. Colo.
E. C. Radford.	T. A. S. Connor.
J. Carreck.	

JUNIOR CLASS.

J. A. Castello.	J. F. Pereira.
-----------------	----------------

Specially Deficient.

M. Donohoe.	H. Ballantyne.
C. E. Swayne.	

11. The conduct of Mr. T. Cunnosawmy Pillay has been excellent, and he has given me every assistance in his power.

MEDICAL COLLEGE, MADRAS,
April 1870.

R. W. COCKERILL,
Acting Professor of Surgery, &c.

No. 31.

Report on the Classes of Operative and Minor Surgery—Summer Session 1869-70.

1. The class met forty-seven times. Twenty-nine meetings having been devoted to Minor, and eighteen to Operative Surgery. For the instruction of the Operative Class six bodies were received, when each meeting lasted two hours.

2. Fourteen examinations were held. These were not only on the subjects lectured upon in this course, but on Surgery generally.

3. In the Minor Surgery course every subject that had been omitted from the systematic lectures of the Winter Session was taken up, and the class practised in bandaging, cupping, and the application of surgical apparatus. The manner of performing the usual operations of Surgery was described in the lecture-room, and then shown and practised upon the dead body as opportunity offered.

4. The Operative Class numbered twenty-five, of whom three are Government, two Private, and nineteen Military Students in their last year of study, and one Hospital Assistant preparing for the examination for Sub-Assistant Surgeon. The Minor Surgery Class included, in addition to the above, thirteen Military Students in their second year at the College, who also attended my lectures and listened to the examinations upon Operative Surgery.

5. *Senior Department Students.*—Six of the Senior Department Students attended, viz., Messrs. Tyrrell, Mahoney, Martin, Gray, and John, and Hospital Assistant P. Moonesawmy. Mr. Tyrrell is in his fifth year at the College and proceeds for his degree at the Madras University immediately. Messrs. Martin and John are in their fourth, and Mahoney and Gray in their third year at the College. All are fully instructed in Minor Surgery and perform their operations very creditably. Mahoney is, I think, the best.

6. *Second Department Students.*—Of these the nineteen in their third and last year at College form the greater part of the proper Operative Surgery Class. The juniors in their second year at College only attended the lectures. As but few had an opportunity of performing the same operation twice, a high degree of skill is not to be expected. All, however, know how to handle a knife and perform the minor operations. Gunther and Prichard are the best. In my report upon the Winter course I spoke of the intelligence and industry of the class, and to this I have nothing to add. The conduct of all has been good.

7. *Junior Department Students.*—These did not attend my lectures, but were frequently examined. As Mr. Hamilton has reported fully upon each lad, I will only add that in my opinion they have not improved in Surgery during the present session, probably from their attention being less concentrated upon it, and that Ragavaloo, Davasagoyum, and Iyasawmy stand at the top of the class, and Manickum Moodelly, Nagapen, and Doorghiah Pillay at the bottom, and that the last three mentioned lads are wanting in every respect. Ameer Ally is also very deficient.

8. The Clinical Class met every morning and evening. In the morning the students were accompanied by me round the wards, when every patient was examined and prescribed for. In all important cases the dressing was performed in my presence by the student in charge. At the evening visit each had only to attend to the dressing of his own cases. Operations have been performed, after the visit, when every one in the Hospital can be present.

Of the Senior Department Students.—Those in their fourth and third year attended the Surgical wards for nine months; those in their second year, for the whole year; and those in their first year, for three months.

Of the Second Department.—Those in their third year attended for four months; those in their second year, for six months.

Of the Junior Department.—All the second year lads attended for four months, and the first year, for four and a half months.

9. *List of Students entitled to Prizes for—*

CLINICAL SURGERY.

Third year.

P. Mahoney.

High Approval.

J. Martin.
R. P. Gunther.

J. W. Prichard.

Second year.

H. Nailer

High Approval.

R. Warder.

J. Frost.

10. I have already reported the students that are "Deficient." Of the Clinical Class Donohoe is the worst, but Ballantyne is also very slow.

MADRAS MEDICAL COLLEGE,
15th June 1870.

R. W. COCKERILL,
Acting Professor of
Surgery and Clinical Surgery.

No. 32.

Report of the Class of Midwifery—Winter Session 1869-70.

1. *Lectures.*—There have been ninety-five meetings of the Midwifery Class during the past session, and of these sixty-one were devoted to lectures.

2. *Examinations.*—Thirty-four examinations have been held, including the "conversational course." Twenty-four "oral" and six "written" were recorded. The proportion of examinations, 1 in 2.8, is slightly in excess of the regulated minimum.

3. The class consisted entirely of students of the *Second Department*, nineteen in number, all in their third year of study. The conduct of the class has been good, and the attendance regular, with one or two exceptions. J. Cole was absent chiefly from sickness at fourteen meetings, and two others more than seven times each.

4. The industry and progress of the majority of the students are very satisfactory. Prichard distances all competitors for the first prize, which he has won by his unremitting attention and diligence both in class and at Hospital. Gunther and Geils are both also painstaking students, and have run very closely for the second prize. The superior ability of the former having given him the advantage over the better attention of the latter, who merits "High Approval." Rungasawmy did very well, indeed, at the beginning of the session, but has somewhat fallen off of late. He has, however, gained a place and merits "Approval." Carroll has not been as industrious as I could wish, and has lost four places. Most of the others are lads of fair promise, with the exception of Carreck, Evers, J. Cole, and Radford. The two former are fairly industrious, but wanting in ability, and the two latter have gravitated to the bottom from sheer idleness, and are not, in my judgment, likely to be useful Public Servants.

5. The usual apparatus and diagrams, to which many new ones have recently been added, were employed to illustrate the course of lectures, which is very comprehensive, comprising a description of the Anatomy and Physiology of the organs of generation of the female and of the diseases incidental to pregnancy and the puerperal state, as well as of the mechanism of parturition, the several classes of labour and its management, and the various obstetric operations. Clinical instruction in Midwifery is afforded to the students who attend in rotation for the purpose at the Lying-in Hospital, and many of them have witnessed the principal obstetric operations.

*List of Students entitled to Prize, &c. :—**First Prize.*

J. W. Prichard.

Second Prize.

R. P. Gunther.

High Approval.

J. D. Geils.

Approval.

C. Rungasawmy Moodelly.

*List of Students "Deficient" :—**Deficient.*

F. J. Carreck. | J. T. Evers.

Specially Deficient :—

J. Cole. | E. C. Radford.

6. The Native Assistant, T. Cunnosawmy, has rendered me efficient assistance at all times when required.

MADRAS MEDICAL COLLEGE,
4th April 1870.

W. H. HARRIS, M.D.,
Professor of Midwifery.

No. 33.

Report of the Class of Diseases of Women and Children—Summer Session 1869-70.

1. During the Summer Session of this year there have been thirty-nine meetings of the class; of these twenty-eight were devoted to lectures and eleven to examinations, of which ten were oral and one written. There were no special arrangements for tuition.

2. The class consisted of nineteen students of the *Second Department* in their third year of study. There was no student of either the Senior or Junior Department in the class.

3. The *Second Department* Students were well conducted, but, on the whole, were less attentive and industrious than they were in the

Winter Session. I am inclined to think this is partly, if not mainly, attributable to the fact of the subjects not forming a part of the Final or Pass Examination on the completion of the College Curriculum. Prichard has far outstripped all his compeers in attainments, and he is a very industrious and promising student, being the first and only one selected this session for the Clinical Clerkship at the Lying-in Hospital, which he held for two months; he has had the opportunity of becoming better acquainted with diseases peculiar to women than any of his predecessors. He has fairly earned the prize. G. T. Carroll, J. D. Geils, R. R. Wale, T. A. Bay, and C. Rungasawmy Moodelly are also industrious and possess fair abilities; the two former are so nearly equal in marks, that I could hardly select one before the other for a second prize if it were awarded, and as Prichard has so far outstripped them both, I am not disposed to press their claims to it. They merit "High Approval," and the three latter are entitled to "Approval." R. P. Gunther and Isaac are intelligent, but I regret to say have lost four and five places, respectively, from inattention. J. Cole, E. C. Radford, and J. T. Evers have failed entirely from deficient intelligence and want of industry combined. The remainder of the class, I think, are below the average both in intelligence and attainments, and have not done even fairly well.

4. Clinical instruction is afforded to two or three students at a time in the wards of the Dispensary attached to the Lying-in Hospital as opportunity occurs, and one of them, who was the first Clinical Clerk, under the new arrangement sanctioned by Government, has had considerable advantages in becoming familiar with the more common diseases of this class.

List of Students who are entitled to Prizes, &c.:—

First Prize.

J. W. Prichard.

High Approval.

G. T. Carroll. | J. D. Geils.

Approval.

R. R. Wale. | C. Rungasawmy.
T. A. Bay.

List of Students Deficient.

J. Cole. | J. T. Evers.
E. C. Radford.

The conduct of Native Assistant, T. Cunnoosawmy, has met my entire satisfaction.

MADRAS MEDICAL COLLEGE,
14th June 1870.

W. H. HARRIS, M.D.,
/ Professor of Diseases of
Women and Children.

18

No. 34.

Report of the Class of Ophthalmology—Winter Session 1869-70.

The lectures on Ophthalmic Surgery, during the past six months have numbered thirty-two; the number of examinations has been sixteen; the proportion of examinations to the total number of meetings was as 1 to 3.

The class was composed of nineteen Military and one Private Pupil. The former were in their third year of study, the latter was completing his fifth year.

The conduct of this class has been very good throughout the session, and, with the exception of two or three, the students composing it have worked well. Of those who have distinguished themselves R. P. Gunther and J. W. Prichard deserve to be mentioned. They now stand first and second, respectively. G. D. Geils and G. T. Carroll have thus lost two places each. Their work notwithstanding has been very good. These four students have throughout, both in their work at the Eye Infirmary as well as in the class, displayed an interest and a commendatory zealousness.

Two have retained their places, viz., C. Rungasawmy Moodelly and J. A. Bay; the former being fifth, the latter seventh.

The following students have obtained higher positions in the class, viz.:—

T. Gooroosawmy Pillay.	W. A. Cole.
T. A. S. Connor.	H. H. Lynsdale.
J. T. Evers and J. H. Tyrrell (Private Students).	

While the following have taken a lower position in the class, viz.:—

E. Isaac.	M. Veramahlai.
G. T. Anderson.	H. Henderson.
R. R. Wale.	J. Cole.
C. E. Radford.	F. J. Carreck.

Among the former who have advanced their position I would mention Private Student J. H. Tyrrell who, although placed at the bottom of the class at the commencement of the session, and although he was absent no less than twenty-three times, has gained two places. The cause of his so frequent absence has not been known.

Among the latter, viz., those who have lost their original places, I would draw attention to J. Cole who, from severe sickness, was prevented from attendance at fifteen meetings. I have little doubt that he would have taken a much higher position in the class than he at present occupies, had he enjoyed good health.

The deficiencies shown by some of the students in their work I entirely attribute to a want of application and observation on their parts.

C. E. Radford. Of this number, two marginally noted have
F. J. Carreck. been conspicuous by their unwillingness to work, and an utter want of industry and attention both in Hospital and in the class room. The former appears to be more physically than mentally incapacitated for work by a somewhat delicate constitution.

Students entitled to Prizes :—

1st Prize.

R. P. Gunther.

2nd Prize.

J. W. Prichard.

High Approval.

J. D. Geils. | G. T. Carroll.

Approval.

C. Rungasawmy Moodelly. | T. Gooroosawmy Pillay.
W. A. Cole.

Deficient.

G. T. Anderson. | M. Veramahalai.
R. R. Wale. | H. Henderson.

Specially Deficient.

C. E. Radford. | F. J. Carreck.

The Assistant, T. Cunnoosawmy, has been attentive and has proved himself useful.

MADRAS,
9th April 1870.

E. F. BROCKMAN,
*Acting Professor
of Ophthalmology.*

No. 35.

Annual Report on the Class of Materia Medica—Session 1869-70.

1. The class met 116 times during the Session.
2. The number of lectures was sixty-four, and of examinations, including the conversational course, fifty-two. The proportion of examinations to meetings was about 1 in 2½.
3. The lectures were illustrated by specimens of drugs and botanical diagrams of officinal plants, and the Assistant carried on the prescribed tutorial instruction.
4. The class numbered thirty-six lads, of whom six were *Senior*, and thirty *Second Department* Students. Twenty-three lads of the *Junior*

Department also attended the lectures, and six students from Vizianagram joined the class on the 6th December.

5. The Senior Department Students were all in their second year of study at College, and did not generally make such progress as I could have desired. Some of them were very inaccurate in their acquirements, and rather deficient in ability and industry. Their general conduct was highly satisfactory.

6. The Second Department lads numbered thirty, all in their first year of attendance at College, and some of them were conspicuous both for intelligence and industry. The greater proportion made fair progress, but, as usual, there were a few deficient both in diligence and ability. The conduct of the whole was all that could be desired.

7. The Junior Department Students merely attended the lectures, and there were not, therefore, the same opportunities for ascertaining their acquirements. As a rule they were attentive, but, judging from their faces, I was often led to think that their imperfect knowledge of English prevented them from understanding all that was said.

8. List of Students entitled to Prizes, &c. :—

1st Prizes.

F. A. Wynne.

2nd Prize.

W. H. Cooper.

3rd Prize.

M. Pereira.

High Approval.

W. A. Barren.

E. A. Korb.

Approval.

J. Browne.

W. H. Haller.

P. Veerasawmy Naidoo.

Deficient.

H. Rath.

G. Druston.

H. A. Moraes.

Specially Deficient.

J. Stokes.

9. The Assistant, Mr. Hamilton, takes an interest in his work, and has given me entire satisfaction.

MADRAS MEDICAL COLLEGE,
1st April 1870.

G. BIDIE, M.B.,
*Acting Professor
of Materia Medica.*

No. 36.

Practical Pharmacy—Summer Session 1869-70.

1. The class met twenty times, and worked two hours each day.
2. No examinations; the instructions mostly of a conversational nature throughout the session.
3. The class was composed of fifty-one students; of these eight were of the Senior Department, six in their second year, and two in their first year of study. The remaining portion of the class consisted of Second Department Students, of whom thirteen were in their second, and thirty in their first year of study.
4. The British Pharmacopœia and the Formularies of the General Hospital and Eye Infirmary were used for the preparation of the medicines, and the medicines so prepared were sent to the General Hospital, the Eye Infirmary, and the Lying-in Institution.
5. The general conduct of the class was good. Many of the lads were neat and careful compounders, and have shown an interest in their work.
6. The following students are entitled to marks of distinction?—

High Approval.

- | | |
|---|----------------|
| 1. H. Nailer, Government Scholar, second year of study. | |
| 2. W. J. Montgomery, Second Department, | } Second year. |
| 3. F. A. Castello, do. | |
| 4. F. A. Wynne, do. | } First year. |
| 5. W. H. Cooper, do. | |
| 6. W. Sherriffe, do. | |
| 7. W. J. Dyce, do. | |

Approval.

- | | |
|---------------------------------------|----------------|
| 1. T. Wilkins, Private Student, | |
| 2. E. T. Theobald, Second Department, | } Second year. |
| 3. T. Moore do. | |
| 4. J. Frost do. | |
| 5. H. Ballantyne, do. | |
| 6. P. Vecrasawmy Naidoo, do. | } First year. |
| 7. R. C. D. Prince do. | |
| 8. W. H. Haller, do. | |

7. Mr. Hamilton, my Assistant, was most zealous and indefatigable in carrying on the work of the class, and merits my best thanks.

JUNIOR DEPARTMENT.

There were twenty-eight meetings.

The class consisted of twenty-eight students; of these six lads were sent for instruction by the Rajah of Vizianagram.

The conduct of the class has been good, and the lads have made fair progress in the art of compounding and dispensing. The class was conducted by the Native Assistant Cunnoosawmy, who was attentive and intelligent.

High Approval.

1. B. Lutchmiah Naidoo, No. 944.
2. C. Soobroyah Moodelliar, No. 909.

Approval.

1. N. P. Chinnasawmy, No. 952.
2. Chintamoney, No. 934.

The arrival at the beginning of the session of a supply of pharmaceutical apparatus, utensils, &c., for the use of the class proved very opportune, and afforded the students greater facilities in carrying on the various pharmaceutical processes than existed in former years.

MADRAS,
20th June 1870.

G. BAILLIE, M.D.,
Offg. Professor of Materia Medica.

No. 37.

Annual Report of the Class of Physiology—Winter Session 1869-70.

During the six months of the Winter Session out of a total of ninety-five meetings, sixty-five have been devoted to lectures and thirty to examinations, which were principally oral. In this number was included the "conversational course." The proportion of examinations to meetings was as 1 to 3½.

The course was commenced with a description of the simple tissues, and terminated with the nervous system and special senses. On one or two occasions the examination of the boys of the Senior Department second year, and of the boys of the Second Department second year, was entrusted to the Senior Department third year lads under my immediate supervision. The object of this plan was to test both the student questioning and the student questioned, as well as to save time. Marks were allotted for the questions asked and the answers given.

The class was composed of Senior Department Students in their second and third year of study, of Second Department Students in their second year, and of one Hospital Assistant studying for the grade of Sub-Assistant Surgeon.

The Senior Department Students were ten in number, of whom four were completing their third, and six their second year of study. The industry, ability,

and conduct of the former four, viz., of P. Mahoney, H. A. C. Gray, J. Martin, and Private Student M. John, has been very satisfactory. Mahoney and John have kept their positions, while Martin and Gray have exchanged places.

Of those in their second year of study Nailer and Warder have exchanged places. H. A. Moraes deserves credit for having gained two places with comparative ease, and for having almost attained the second place in the class. J. Wilkins has shown himself deficient. I attribute this deficiency to a want of industry and application on his part, and not to a want of ability. Five of the number are Private Students, viz., R. Warder, Barren, Lancaster, Moraes, and Wilkins.

Second Department Students number thirteen; all are in their second year of study. Those who require to be specially mentioned among this number are W. J. Montgomery and E. J. Theobald, standing respectively fourth and fifth in the class; J. A. Castello obtained an equal number of marks with F. Blake. The former gained six places, the latter eleven, C. G. Swayne has gained three, and M. Donohoe six places. The following boys have lost their positions to a greater or less degree, viz., Simon, Gaynor, Lawrence, Pereira, Moore, Ballantyne, while J. Frost has retained his position.

The class has worked fairly, with the exception of Ballantyne and Moore, who neither exhibit any ability nor any desire for study. I have been much disappointed in these two lads. The conduct of the class has been generally good.

Hospital Assistant Moonesawmy has been attentive, has worked well, and possesses a good knowledge of the subject. His conduct has been very good.

No Junior Students attended this class.

Students entitled to Prizes:—

First Prize.

H. Nailer.

Second Prize.

R. Warder.

High Approval.

H. A. Moraes. | W. J. Montgomery.

Students Deficient.

J. Wilkins.

I. Lawrence.

J. R. Simon.

J. F. Pereira.

Students Specially Deficient.

J. Moore.

H. Ballantyne.

These two students appear to me to be specially wanting alike in ability, industry, and willingness to work. No interest is displayed by these lads in the work of the class.

Mr. Wilkins acted as my Assistant, and proved himself useful.

MEDICAL COLLEGE,
9th April 1870.

E. F. BROCKMAN,
Offg. Professor of Physiology.

No. 38.

Report of Chemical Class—Winter Session 1869-70.

1. Seventy-four lectures were delivered during the session. Of these, ten were devoted to Chemical Physics, fifty-one to Inorganic, and thirteen to Organic Chemistry.

2. Thirty-nine oral and four written examinations were held, total forty-three; of which thirty-six took place in the course of the session, and seven at its close in the conversational course.

3. The Assistant instructs and examines the class daily in the subject of the Professor's lecture.

4. The class consisted of two Senior Department and thirty Second Department Students, besides two gentlemen qualifying as Chemists and Druggists.

5. Of the two Senior Department Students Mr. Lechler occupied the first place in the class, his examination marks were 87.5, and I have formed a very favourable opinion of his intelligence, industry, and ability. Mr. O'Hara was third in the class, but his marks (165), though inferior in a high degree to Mr. Lechler's, differed but slightly from those of the second place (160). Of him also my opinion is very favourable. The conduct of both left nothing to be desired. Both were in their first year at College.

6. Thirty pupils of the Second Department presented themselves at the beginning of the session, of whom one (Woodbridge) deserted. They varied very much in ability and industry; but on the whole the class was fairly intelligent and anxious to learn. Exceptions will be specified in paragraph 10. While the examination marks of Nos. 2 and 3 were 160 and 165, respectively, the next three (to whom I have awarded "High Approval") were marked 406, 472, and 473, the next mark was 569, and from this to 989.5 inclusive I have noted with "Approval." From 1,003.5 to 1,260 are marked "Deficient"; and three pupils, whose marks are 1,318, 1,503, and 1,580, are considered "Specially Deficient." The conduct of the pupils of this section of the class was also good.

7. No Junior Department Students attended the course.

8. I feel it my duty to repeat the suggestion made last year that a more equitable division of the prizes between the two sections of the class should be permitted. Last year the two Senior Department Students obtained the only available prizes. This year the two Senior Department Students received two out of the three allotted to the class. The leading pupil of the Second Department has, indeed, on this occasion come out of the competition a little superior to Mr. O'Hara; but it was evident from the beginning of the session that the three prizes would fall to the two Senior Department Students and to Wynne; and of the thirty pupils of the Second Department only one had the advantage of the stimulus which the hope of a prize confers. I cannot doubt that the fourth, fifth, and sixth pupils would have exerted themselves more, and the first, second, and third no less, had one prize been allotted to the two Senior Department Students, and two prizes to the remaining thirty members of the class. While the present rule for the awarding of prizes continues in force, the former superior in age, ability, and education will invariably win the lion's share of rewards.

9. The prizes fall, according to the rules of the College, to the following pupils:—

(87.5) Lechler, Senior Department—First.	
(160) Wynne, Second do.	Second.
(165.) O'Hara, Senior do.	Third.

The following have received "High Approval":—

(406) D. H. Cooper.	(473) J. Browne.
(472) M. Pereira.	

The following received "Approval":—

(569) P. Veerasawmy Naidoo.	(890) T. H. Govind Singh.
(616) D. Wooten.	(891) J. J. Brodie.
(747) R. C. D. Prince.	(937) J. Boye.
(856) W. Francis.	(988) J. Stokes.
(870) W. H. Haller.	(989.5) D. Bartley.
(875) J. Fisher.	

10. I have marked the following eleven pupils "Deficient":—

(1,008.5) J. Dyce.	(1,154) G. T. Jones.
(1,063) H. Rath.	(1,155) F. C. Rath.
(1,069) W. Sherriffe.	(1,202.5) W. McCoy.
(1,072.5) A. E. Korb.	(1,209) C. Runganadum
(1,075) G. J. West.	delly.
(1,091) H. Hesterlow.	(1,260) W. J. Dyce.

The following were "Specially Deficient":—

(1,318) G. J. Feukes.	(1,580) W. R. Radford.
(1,503) G. Druston.	

Feukes has been on the sick report since the 10th February, besides being sick on two days previously; but in thirty-two oral examinations he had answered 9.75 questions, and he did not appear to me to exert himself to learn. Druston has been absent thirteen days from sickness; his answering when he was present at examinations was better than that of the other two, but not much. Radford answered ten questions in thirty-two examinations, generally to his own surprise and mine. He is deficient in intelligence and still more in application, and is never likely to become a useful Medical Subordinate. He was absent from fourteen lectures, his absence from thirteen being attributed to illness.

11. Mr. Harvey's assistance continued to be as valuable as formerly.
 MEDICAL COLLEGE, HENRY KING, A.B., M.B., Surgeon,
 April 13th, 1870. Acting Professor of Chemistry.

No. 39.

Report on Practical Chemistry Class—Summer Session 1870.

1. There were twenty-eight meetings of the class.
2. Twelve examinations were held.
3. The nature of the subject implies tutorial rather than professional teaching.
4. The class consisted of two Senior Department and twenty-seven Second Department Students.
5. The former are in their first year of study; their industry, ability, conduct, and progress continue to be most satisfactory.
6. The class of Second Department Students should have numbered twenty-nine; but two (Feukes and Fisher) were incapacitated for attendance by illness. The industry, &c., of the students were, on the whole, satisfactory. The exceptions will be specified in a subsequent paragraph.
7. There were no Junior Department Students in the class.
8. I have no remarks or suggestions to offer.
9. Lechler, O'Hara, and Wynne occupy the first three positions in the class, their numbers* are, respectively, 364, 334, 329. To them, accordingly, the prizes will, I presume, be awarded.

T. H. Govind Singh (309) merits "High Approval."

The following receive "Approval":—

279. Haller.	238. Veerasawmy.	204. Runganadum.
260. Pereira.	236. Korb.	201½. F. C. Rath.
257. Cooper.	232. H. Rath.	198. Sherriffe.
254. J. Dyce.	217. Wooten.	197. Stokes.
247½. Browne.	217. Brodie.	190. Boye.
245. Francis.	217. Bartley.	

* Merit is directly proportional to number.

10. The following are marked "Deficient":—(180) Druston, (168) W. J. Dyce, (160½) McCoy, (142) Prince, and (110) Hesterlow, (69) Jones, (60) Radford, and (54) West were "Specially Deficient."

11. The class worked under the immediate supervision of Sub-Assistant Surgeon Harvey, whose ability and competence are well known.

HENRY KING, A.B., M.B., Surgeon,
Acting Professor of Chemistry.

MEDICAL COLLEGE,
June 13th, 1870.

No. 40.

Report on the Classes of Anatomy—Session 1869-70.

There were 115 meetings of the classes during the Winter Session. Forty-six examinations were held. These were partly written and partly oral; all have been recorded.

The arrangements for tuition have been the same as those adopted in previous years, viz., lectures and their illustration by diagrams, models, sketches on the black board, and dissections.

Three classes attended the lectures this year: one, which has just completed its second course, was composed of six Senior Department Students and thirteen Hospital Apprentices; another composed of two Senior Department Students and thirty Hospital Apprentices in their first year of study, and one Hospital Assistant qualifying for the grade of Sub-Assistant Surgeon; and a third class composed exclusively of Junior Department Students (Native Medical Pupils) in their first year of study.

In the margin are given the names and designation of the Senior Govt. Scholar H. Nailer. Department Students attending the Classes of Anatomy. The first six have completed their second year of attendance at lectures on this subject, and the remainder their first course.

I am glad to be in a position to report favourably of the conduct, ability, and intelligence of the young men of this department; but, as regards the progress made by them, I must say that, with few exceptions, they have scarcely reached the standard of attainments of the average Second Department Students of their own standing; whereas their attainments ought to be of a high order, considering that they are, as a rule, better fitted to profit by the teaching here, and that they are qualifying for high positions in the profession.

Attending the classes there were thirteen second-year students and thirty first-year students of the Second Department. I am satisfied with the conduct of these lads, and with the attainments of those belonging to the Senior Class. The first-year lads are also well-behaved,

and most of them are intelligent; but, some few excepted, they have not been industrious enough, and their progress has, in consequence, not been satisfactory. It is to be hoped that next year these students will show some zeal in the prosecution of their anatomical studies.

The first-year students of the Junior Department attended the lectures delivered by me. The teaching of this class was partly entrusted to Mr. Karney. It met under him 112 times, and had forty-eight examinations. I examined the class twelve times in the course of the session.

The conduct of the lads has been unexceptionable. They have, as a class, made scarcely any progress. This is due, I believe, chiefly to a want of intelligence in the young men, and partly to indifferent application to study.

During the session thirty-one subjects were received for dissection, nine of this number were rejected.

The students of the Practical Anatomy Class performed their work to my entire satisfaction.

I would recommend a prize for this class, were it not that from a paucity of dead subjects my opportunities for determining upon the most meritorious had been very limited.

Students entitled to prizes and marks of "Approval":—

SENIOR CLASS.

Government Scholar H. Nailer—First Prize.
Hospital Apprentice E. Theobald—Second Prize.

JUNIOR CLASS.

Hospital Apprentice F. Wynne—First Prize.
Private Student W. O'Hara—Second Prize.
Hospital Apprentice M. Pereira—Third Prize.

SENIOR CLASS.

High Approval.

W. J. Montgomery. | J. A. Castello.
C. G. Swayne.

Approval.

J. Frost. | H. Ballantyne.

JUNIOR CLASS.

High Approval.

W. H. Cooper. | R. C. D. Prince.

I have much pleasure in recording that Mr. Wilkins has, as usual, rendered most valuable assistance both as a tutor in the class-room and as a teacher of Practical Anatomy in the dissecting-room.

MADRAS MEDICAL COLLEGE,
9th April 1870.

JAMES KEESSE, M.D.,
Professor of Anatomy.

No. 41.

Report on the Class of Comparative Anatomy—Session 1869-70.

The Class of Comparative Anatomy met forty-nine times during the Summer Session.

The course consisted of lectures on classification of the animal kingdom, osteology of vertebrata, nervous system of the various classes of animals, on the digestive system, on circulation and respiration, and on generation and reproduction.

Seventeen examinations were held during the course.

The lectures were illustrated by diagrams on the board, by specimens in the Museum, by dissections of a few animals, by microscopic specimens, as well as by reference to plates in various works on natural history, and to the valuable diagrams presented to the College by the late Dr. Montgomery.

The class consisted of four students of the Senior Department, viz., Government Scholars Mahoney, Martin, and Gray, and Private Student Matthew John. All the young men of this class are third-year students. I have every reason to be satisfied with their attention to this subject, and with the progress they have made. They all merit "High Approval."

Mr. Wilkins kindly assisted in making a few dissections for the class.

MADRAS, JAMES KEESS, M.D.,
17th June 1870. Lecturer on Comparative Anatomy.

No. 42.

Report on Hygiene Class—Summer Session 1870.

1. Twenty-seven lectures were delivered: on water, air, food, soils, and sewerage.

2. There were thirteen examinations of the Senior and Second, and six of the Junior Departments held by the Lecturer. The Assistant, in addition, examined the Junior Department twenty-one times.

3. The class consisted of one Senior Department, nineteen Second Department, and twenty-seven Junior Department Pupils.

4. Mr. Tyrrell, the Senior Department Student, was industrious and attentive. His position in the class was third, but he was little behind the first and second pupils.

5. The Second Department Students were in their final year. Their industry, ability, &c., were, on the whole, satisfactory. Exceptions will be noticed further on.

6. Twenty-seven Junior Department Pupils in their second year attended the course. Twenty-seven examinations were held by the Lecturer and the Assistant. The intelligence and industry of the pupils were satisfactory on the whole.

7. Isaac and Gooroosawmy are entitled to prizes in the Second Department. Their marks are very nearly equal, Gooroosawmy's being forty-seven and Isaac's forty-nine. Half an answer at one of the examinations would have turned the scale to an equal degree in Isaac's favour. I recommend, therefore, that *equal prizes* be awarded to these two students.

8. In the Junior Department Manickum is very far in advance of any competitor. His answering was remarkably good. He occupied the first place in ten of the Assistant's examinations, and in five (out of six) of the Lecturer's. His marks are sixty-two. I recommend him for a prize.

9. The following merit "High Approval":—

Senior Department.

(54) Tyrrell.

Second Department.

(67) Geils.

Junior Department.

(139) D. Iyasawmy.	(152) P. Janakeram Pillay.
(143) C. Ramakistnamah.	(165) Josiah Soveriappen.

The following received "Approval":—

Second Department.

(74) Connor.	(102) Prichard.
(93) Wale.	(104) Anderson.
(94) Gunther.	(125) Bay.
(94) Rangasawmy.	(128) Lyusdale.
(94) Veeramahlai.	

Junior Department.

(170) T. L. Davasagoyum.	(228) P. Runganaickaloo Naidoo.
(196) G. Ragavooloo Naidoo.	(231½) C. V. Narrainsawmy.
(226) A. C. Checalingum Naidoo.	(287) T. Iingasau.

10. The following students were considered to be "Deficient":—

Second Department.

(143) Carroll.	(167) W. A. Cole.
(161) Henderson.	(174) Radford.

Junior Department.

(295½) T. Rungasawmy Pillay.	(422) M. Veerasawmy Naidoo.
(304) S. Simcon.	(456) S. Cooposawmy.
(349) J. C. Allagherrysawmy.	(469) T. Veeraragavooloo Naidoo.
(355) C. Madaray.	(480) T. Nagapen.
(405) B. Muthooraprasad.	(482) S. Pauperoydoo Naidoo.
(421) G. Davarajoo Chetty.	(482) M. Manickum Pillay.

The following were marked "Specially Deficient":

Second Department.

(193) J. Cole.
(193) Evers.

(197) Carreck.

Junior Department.

(511) M. Doorghiah Pillay.
(519) C. Francis.

(555) Ameer Ally.
(563) C. Soveriappen.

11. The Junior Department section of the class was carefully examined by Mr. Karney.

MEDICAL COLLEGE,
14th June 1870.

HENRY KING, A.B., M.B., Surgeon,
Lecturer in Hygiene.

No. 43.

MADRAS MEDICAL COLLEGE.

Report of the Class of Medical Jurisprudence, Session 1869-70.

1. During the session there were thirty-seven lectures delivered, and nineteen examinations held, including the "conversational course."

2. There were no Senior Department Students.

3. Of the Second Department there were nineteen students, all in their third session at College.

In intelligence, industry, ability, and progress these students were, I think, fully equal to, if not above, the average. Their conduct has been unexceptionable.

4. Hospital Assistant P. Moonasawmy exhibited great industry and fair ability and intelligence in the work of the class.

5. Second Department Students noted in the margin are entitled to prizes, C. Rungasawmy Moodelly and J. D. Geils
T. A. Hay.
R. P. Gunther. are entitled to marks of "High Approval," and E. Isaac and R. R. Wale to marks of "Approval."

6. None of the students were found "Specially Deficient," all having obtained more than half the full number of marks.

7. The conduct of the Assistants has been excellent, and in every way satisfactory.

J. URQUHART, M.D.,
Professor of Medical Jurisprudence.

No. 44.

Report on the Class of Botany—Session 1869-70.

1. The class met forty-eight times during the session.

2. Twenty-seven meetings were devoted to lectures, and twenty-one to examinations; the proportion of the latter to meetings having been about 1 in 2½.

3. The lectures were illustrated by diagrams, and both lectures and examinations by fresh specimens. The schedule and type system of Professor Henslow, first introduced here last year, was again employed, and has proved a most efficient, as it is the most natural and attractive mode of teaching Botany. The course was rendered as practical as possible, and the usual botanising excursions were made on Saturdays to the Agri-Horticultural Society's Gardens and into the country.

4. The class consisted of one Government Scholar and one Private Student both in their first year of study at College. They were industrious and well behaved, and made average progress, that is to say, acquired sufficient information to give them a reasonable prospect of passing the Preliminary Scientific Examination of the Local University. Botany like other branches of natural history is not a favourite science with students in Madras, and, so far as my experience goes, the subject has been invariably worked at in a perfunctory manner. It is difficult to propose any remedy for this. Boys naturally take to animals and flowers, but it appears to me that these tastes are crushed out of them by our very utilitarian system of general education. In it mental growth and natural tastes are almost entirely lost sight of, the main object being to cram the lad for examinations. For this state of matters the modern teacher is not entirely to blame; for, as examinations have been made the *janua* to nearly every walk of life, he must meet the wants of the day, or see his school fall into disrepute.

5. I have awarded both students marks of "Approval."

6. I would recommend the use in future of Professor Oliver's "First Book of Indian Botany" as a text book. It is specially adapted for Indian students, admirably arranged and illustrated, and being at the same time up to date in the information it affords, will do away with various difficulties which were experienced in using Balfour's Manual. It has also the recommendation of being smaller in size, and cheaper than the latter book.

7. My Assistant, Mr. Hamilton, as usual, conducted his duties in a highly satisfactory manner.

MADRAS MEDICAL COLLEGE,
1st April 1870.

G. BIDIE, M.B.,
Professor of Botany.

No. 1.

SENIOR DEPARTMENT.

Fifth Year.

Number.	NAME.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.			Total.	General order of merit at the close of the Session.
			Medicine.	Ophthalmology.	Hygiene.		
1	J. H. Tyrrell, P. S....	5	1	1	1	3	1

No. 2.

SENIOR DEPARTMENT.

Third Year.

Number	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.			Total.	General order of merit at the close of the Session.
			Physiology.	Surgery.	Comparative Anatomy.		
1	P. Mahoney, G. S...	3	1	1	1	3	1
2	J. Martin, G. S.	3	3	2	3	8	3
3	H. A. C. Gray, G. S.	3	12	3	1	16	12
4	M. John, P. S.	3	4	4	4	12	4

No. 3.

SENIOR DEPARTMENT.

Second Year.

Number.	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.				Total.	General order of merit at the close of the Session.
			Anatomy.	Physiology.	Material Medica.	Surgery.		
1	R. Warder, P. S.	2	2	2	4	1	9	2
2	H. Nailer, G. S.	2	1	1	2	2	6	1
3	W. A. Barren, L. S....	2	4	4	1	5	14	3
4	J. Lancaster, P. S....	2	3	5	3	6	17	4
5	H. A. Moraes, P. S....	2	5	3	6	3	17	5
6	J. Wilkins, P. S.	2	6	6	5	4	21	6

No. 4.

SENIOR DEPARTMENT.

First Year.

Number.	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.				Total.	General order of merit at the close of the Session.
			Anatomy.	Chemistry.	Botany.	Practical Chemistry.		
1	H. M. Lechler, G. S.	1	2	1	1	1	5	1
2	W. O'Hara, P. S....	1	1	2	2	2	7	2

No. 5.

SECOND DEPARTMENT.

Third year Military Students.

Number.	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.							Total.	General order of merit at the close of the Session.
			Medicine.	Surgery.	Midwifery.	Ophthalmology.	Medical Jurisprudence.	Hygiene.	Diseases of Women and Children.		
1	J. D. Geils ...	3	4	5	3	3	4	3	3	23	12
	G. T. Carroll ...	3	5	11	6	4	14	13	2	55	8
	R. P. Gunther ...	3	1	1	2	1	2	6	7	20	1
	J. W. Prichard ...	3	3	2	1	2	11	9	1	29	3
5	C. Rungasawmy Mondelly... ..	3	6	8	4	5	3	7	6	39	4
	E. Isaac	3	2	6	7	8	5	2	11	41	5
	T. A. Bay	3	7	7	5	7	1	11	5	43	6
	G. T. Anderson	3	11	9	10	12	7	10	12	71	10
	T. Goorooasawmy Pillay	3	13	4	9	6	10	1	10	53	7
10	R. R. Wale	3	15	10	11	13	6	5	4	64	9
	T. A. S. Connor	3	16	16	12	9	8	4	9	74	11
	M. Veramahlai	3	8	3	8	16	16	8	15	74	12
	H. Henderson	3	14	15	13	15	17	14	14	102	15
	J. Cole	3	19	19	18	17	12	17	17	119	18
15	H. H. D. Lynsdale... ..	3	9	12	14	11	9	12	13	80	13
	W. A. Cole	3	10	14	15	10	13	15	8	85	14
	E. C. Radford	3	18	17	19	19	18	16	19	126	19
	F. J. Carreck	3	12	18	16	18	19	19	16	118	17
19	J. T. Evers	3	17	13	17	14	15	18	18	112	16

SECOND DEPARTMENT.

Second year Military Students.

Number.	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.				Total.	General order of merit at the close of the Session.
			Anatomy.	Physiology.	Surgery.	Medicine.		
1	E. J. Theobald ...	2	1	2	1	1	5	1
	J. R. Simon ...	2	8	8	5	6	27	6
	T. Gaynor ...	2	10	6	7	2	25	5
	T. Lawrence ...	2	13	11	3	3	30	7
5	W. J. Montgomery ...	2	2	1	8	7	18	2
	C. G. Swayne ...	2	4	5	12	10	31	9
	J. A. Castello ...	2	3	3	9	4	19	3
	J. F. Pereira ...	2	7	10	10	9	36	10
	J. Moore ...	2	12	9	6	11	38	11
10	J. Frost ...	2	5	13	4	8	30	8
	H. Ballantyne ...	2	6	12	13	13	Discharged.	
	M. Donohoe ...	2	9	7	11	12	Do.	
13	F. Blake ...	2	11	4	2	5	22	4

SECOND DEPARTMENT.

First year Military Students.

Number.	NAMES.	Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.				Total.	General order of merit at the close of the Session.
			Anatomy.	Material Medica.	Chemistry.	Practical Chemistry.		
1	F. A. Wynno ...	1	1	1	1	1	4	1
	J. Stokes ...	1	9	29	14	18	70	16
	J. Dyce ...	1	25	20	16	6	Discharged.	
	P. Veerasawmy Naidu ...	1	10	7	5	9	31	6
5	J. Browne ...	1	5	5	4	7	21	4
	D. Wooten ...	1	8	8	6	12	34	7
	W. H. Cooper ...	1	3	2	2	5	12	2
	R. C. D. Prince ...	1	4	11	7	23	45	11
	W. McCoy ...	1	19	12	24	22	77	19
10	M. Pareira ...	1	2	3	3	4	12	3
	G. J. West ...	1	17	24	20	27	88	24
	J. J. Brodie ...	1	20	17	12	13	62	15
	W. Sherriffe ...	1	15	22	18	17	72	18
	S. J. Feukes ...	1	28	28	27	Sick.	83	23
15	H. Rath ...	1	16	26	17	11	70	17
	W. Francis ...	1	7	13	8	8	36	8
	G. T. Jones ...	1	24	23	22	25	94	25
	A. E. Korb ...	1	11	4	19	10	44	10
	W. J. Dyce ...	1	27	18	26	21	Discharged.	
20	G. Druston ...	1	22	27	28	20	Do.	
	W. H. Haller ...	1	6	6	9	3	24	5
	C. Runganada Mudali ...	1	26	16	25	15	82	22
	J. Fisher ...	1	18	9	10	Sick.	37	9
	W. R. Radford ...	1	29	25	29	26	Discharged.	
25	F. C. Rath ...	1	23	19	23	16	81	21
	J. Boye ...	1	13	14	13	19	59	14
	T. H. Govind Singh ...	1	21	15	11	2	49	12
	H. Hesterlow ...	1	14	21	21	24	80	20
	D. Bartley ...	1	12	10	15	14	51	13
30	W. P. Woodbridge ...	1	Deserted.					

R
L. 211, 41 M. M69
M70

JUNIOR DEPARTMENT.

Second year Military Students.

Number.	NAMES.		Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.				Total.	General order of merit at the close of the Session.
				Medicine.	Surgery.	Minor Surgery.	Hygiene.		
1	G. Ragavaloo Naidoo ...	No. 925	2	7	1	1	7	16	3
	T. L. Davasagoyum ...	" 970	2	2	2	2	6	12	1
	A. C. Chokalingam Pillay ...	" 965	2	10	7	13	8	38	10
	P. Runganaikaloo Naidoo ...	" 928	2	8	10	4	9	31	8
5	P. Janakeram Pillay ...	" 915	2	4	5	5	4	18	4
	C. V. Narrainsawmy ...	" 967	2	11	8	6	10	35	9
	Josiah Soveriappen ...	" 929	2	5	9	7	5	26	7
	D. Iyasawmy ...	" 921	2	6	3	14	2	25	6
	C. Madaray ...	" 943	2	14	12	15	15	56	13
10	C. Ramakistna Naidoo ...	" 926	2	3	6	3	3	15	2
	S. Simeon ...	" 906	2	12	13	8	13	46	11
	G. Davarajooloo Chetty ...	" 910	2	16	17	11	17	Failed.	
	J. C. Allagberrysawmy Naiker ...	" 931	2	15	11	9	14	49	12
	J. Manickum ...	" 945	2	1	4	18	1	24	5
15	B. Munthooraprasad ...	" 920	2	22	16	12	16	66	15
	T. Rungasawmy Pillay ...	" 947	2	13	14	16	12	Failed.	
	M. Lingasen ...	" 957	2	18	19	10	11	58	14
	T. Pauperoyadoo Naick ...	" 942	2	19	21	19	22	81	19
	C. Francis ...	" 922	2	23	15	17	25	80	17
20	M. Veerasawmy Naidoo ...	" 930	2	21	20	21	18	80	18
	S. Coopposawmy Pillay ...	" 955	2	9	18	23	19	69	16
	C. Soveriappen ...	" 968	2	27	23	20	27	97	23
	T. Veerarugavooloo Naidoo ...	" 928	2	17	22	26	20	85	20
	Ameer Ally ...	" 972	2	20	24	24	26	94	21
25	Nagapen ...	" 974	2	25	26	25	21	Failed.	
	M. Doorghiah Pillay ...	" 940	2	24	27	27	24	Failed.	
27	M. Manickum Moodelly ...	" 959	2	26	25	22	23	96	22

JUNIOR DEPARTMENT.

First year Military Students.

Number.	NAMES.		Number of years in attendance.	Order of merit in the separate branches of study at the close of Session 1869-70.					Total.	General order of merit at the close of the Session.
				Anatomy.	Material Medica.	Pharmacy.	Physiology.	Minor Surgery.		
1	R. Vepkatasawmy ...	No. 908	1	22	14	19	17	18	...	Discharged.
	V. Soobroya Moodelly ...	" 909	1	4	9	2	6	1	22	2
	M. Shunmooga Moodelly ...	" 916	1	13	8	18	7	11	57	9
	J. Parvathaloo ...	" 919	1	19	11	11	14	6	61	12
5	M. Coopposawmy ...	" 927	1	5	3	20	12	12	62	13
	P. Chintamoney Moodelly ...	" 934	1	21	20	4	16	2	...	Discharged.
	C. Soobroya Naidoo ...	" 935	1	15	15	5	11	13	59	11
	P. Sathanunthum ...	" 936	1	2	2	12	1	7	24	3
	B. Lutchmiah Naidoo ...	" 944	1	1	1	1	2	3	8	1
10	L. Kalingaroya Moodelly ...	" 946	1	3	5	16	4	14	42	5
	Syed Khadar ...	" 951	1	6	4	9	9	15	43	6
	N. P. Chinnaasawmy ...	" 952	1	18	13	6	13	19	69	15
	N. D. Thomas ...	" 953	1	8	10	3	5	8	34	4
	R. Perumaul Naidoo ...	" 954	1	14	22	7	10	4	57	10
15	A. Thamotheram Pillay ...	" 956	1	12	7	13	15	16	63	14
	C. Rajam Moodelly ...	" 958	1	7	16	10	8	9	50	8
	V. Iyemperumal ...	" 961	1	20	17	17	18	20	...	Discharged.
	P. V. Ramasawmy Naidoo ...	" 963	1	9	6	8	3	21	47	7
	T. Appavoo Moodelly ...	" 966	1	11	18	14	19	17	...	Discharged.
20	T. Valoo Moodelly ...	" 969	1	10	12	15	21	22	80	16
	P. N. Murugasa Moodelly ...	" 971	1	16	19	21	20	5	...	Discharged.
22	Abdool Wahab ...	"	1	17	21	22	22	10	...	Do.
Vizianagram Students.										
1	Soorianaraidoo ...	"	1	4	4	3	6	6	23	4
	Streenivasa Row ...	"	1	1	1	1	1	3	7	1
	Thirupatti Rajoo ...	"	1	2	3	5	2	4	16	3
	Mahomed Abdool Raheman ...	"	1	3	2	2	3	1	11	2
	Narrainsawmy ...	"	1	5	6	4	4	5	24	5
6	Kunnum Sahib ...	"	1	6	5	6	5	2	24	6

*List of Students who have been brought to the notice of the Principal
for "High Approval" and "Approval."*

SENIOR, SECOND, AND JUNIOR DEPARTMENTS.

IN ANATOMY.

High Approval.

H. M. Lechler.
W. J. Montgomery.
C. G. Swayne.
G. A. Castello.

W. H. Cooper.
R. C. D. Prince.
L. Kalingaroya Moodelly, No. 946.

Approval.

J. Frost.
H. Ballantyne.

V. Soobroya Moodelly, No. 909.
M. Coopooosawmy Naick, „ 927.

IN PHYSIOLOGY.

High Approval.

P. Mahoney.
J. Martin.
H. Gray.

H. A. Moracs.
W. J. Montgomery.

Approval.

M. John.
W. A. Barren.
J. Lancaster.
E. J. Theobald.
F. Blake.

T. Gaynor.
C. G. Swayne.
G. A. Castello.
M. Donohoe.
L. Kalingaroya Moodelly, No. 946.
P. V. Ramasawmy Naidu, „ 963.

IN MATERIA MEDICA.

High Approval.

W. A. Barren.
A. E. Korb.

M. Coopooosawmy Naick, No. 927.

Approval.

P. Veerasawmy Naidu.
J. Browne.
W. H. Haller.

L. Kalingaroya Moodelly, No. 946.
Syed Khadar „ 951.
A. Thamotheram Pillay, „ 956.
P. V. Ramasawmy Naidu, „ 963.

SENIOR AND SECOND DEPARTMENTS.

IN CHEMISTRY.

High Approval.

J. Browne.
W. H. Cooper.

M. Pareira.

Approval.

C. Rungasawmy Moodelly.
IN DISEASES OF WOMEN AND CHILDREN.

High Approval.

J. D. Geils.

G. T. Carroll.

Approval.

C. Rungasawmy Moodelly.
T. A. Bay.

R. R. Wale.

IN OPHTHALMOLOGY.

High Approval.

J. D. Geils.

G. T. Carroll.

Approval.

C. Rungasawmy Moodelly.
T. Gooroosawmy Pillay.

W. A. Cole.

SENIOR DEPARTMENT.

IN BOTANY.

Approval.

H. M. Lechler.

W. O'Hara.

SENIOR AND SECOND DEPARTMENTS.

IN MEDICAL JURISPRUDENCE.

High Approval.

J. D. Geils.

C. Rungasawmy Moodelly.

Approval.

E. Isaac.

R. R. Wale.

SENIOR, SECOND, AND JUNIOR DEPARTMENTS.

IN HYGIENE.

High Approval.

J. H. Tyrrell.
J. D. Geils.
D. Iyasawmy, No. 921.

P. Janakeram Pillay, No. 915.
J. Soveriappen, „ 929.
C. Ramakistna Naidu, „ 926.

Approval.

R. P. Gunther.
J. W. Prichard.
C. Rungasawmy Moodelly.
T. A. Bay.
G. T. Anderson.
R. R. Wale.
T. A. S. Connor.

M. Veramahlai.
H. H. D. Lynsdale.
C. Ragavaloo Naidu, No. 925.
T. L. Davasagoyum „ 970.
A. C. Chokalingam „ 965.
P. Runganaickalu Naidu „ 928.
C. V. Narrainsawmy, „ 967.
M. Lingasen, „ 957.

Approval.

J. Stokes.
D. Wooten.
R. C. D. Prince.
J. J. Brodie.
W. Francis.
P. Veerasawmy Naidoo.

W. H. Haller.
J. Fisher.
G. Boye.
T. H. Govind Singh.
D. Bartley.

IN PRACTICAL CHEMISTRY.

High Approval.

T. H. Govind Singh.

Approval.

J. Stokes.
J. Dyce.
P. Veerasawmy Naidoo.
J. Browne.
D. Wooten.
W. H. Cooper.
M. Pareira.
J. J. Brodie.
W. Sherriffe.

H. Rath.
W. Francis.
A. E. Korb.
W. H. Haller.
C. Runganatha Moodelly.
F. C. Rath.
G. Boye.
D. Bartley.

SENIOR, SECOND, AND JUNIOR DEPARTMENTS.

IN SURGERY.

High Approval.

R. P. Gunther.
J. W. Prichard.
H. Nailor.

E. J. Theobald.
T. L. Davasagoyum, No. 970.
C. Ramakistna Naidoo, No. 926.

Approval.

H. A. C. Gray.
T. Gooroosawmy Pillay.
M. Veramahlai.

H. A. Moraes.
P. Janakeram Pillay, No. 915.

IN MEDICINE.

High Approval.

E. Isaac.
T. Gaynor.
P. Janakeram Pillay, No. 915.

S. Soveriappen, No. 929.
C. Ramakistna Naidoo, No. 926.

Approval.

J. H. Tyrrell.
J. D. Geils.

J. D. Prichard.
T. Lawrence.

SENIOR AND SECOND DEPARTMENTS.

IN MIDWIFERY.

High Approval.

J. D. Geils.

SENIOR DEPARTMENT.

IN COMPARATIVE ANATOMY.

High Approval.

P. Mahoney.
J. Martin.

H. A. C. Gray.
M. John.

SENIOR, SECOND, AND JUNIOR DEPARTMENTS.

IN PRACTICAL PHARMACY.

High Approval.

H. Nailor.
W. J. Montgomery.
J. A. Castello.
F. A. Wynne.

W. H. Cooper.
W. Sherriffe.
W. J. Dyce.

Approval.

T. Wilkins.
E. J. Theobald.
T. Moore.
J. Frost.
H. Ballantyne.

P. Veerasawmy Naidoo.
W. H. Haller.
R. C. D. Prince.
P. Chintamoney Moodelly, No. 939.
N. P. Chinnasawmy, No. 952.

SENIOR AND SECOND DEPARTMENTS.

IN OPERATIVE AND MINOR SURGERY.

High Approval.

R. P. Gunther.
J. W. Prichard.

J. Martin.

No. 11.

THE JOHNSTONE MEDAL.

First-Class Student R. P. Gunther.

No. 12.

THE GOVERNMENT MEDAL.

First-Class Native Medical Pupil T. L. Davasagoyum, No. 970.

No. 13.

AWARD OF PRIZES.

The following students are recommended for Prizes, having secured the highest places in the Register of Merit:—

Senior Department.

Government Student P. Mahoney.—A prize for attainments in Surgery, and a second for attainments in Clinical Surgery.

Government Student J. Martin.—A prize for attainments in Surgery.

Private Student R. Warder.—A prize for attainments in Physiology, and a second for attainments in Surgery.

Government Student H. Nailer.—A prize for attainments in Anatomy, a second for attainments in Physiology, and a third for attainments in Clinical Surgery.

Government Student H. M. Lechler.—A prize for attainments in Chemistry, and a second for attainments in Practical Chemistry.

Private Student W. O'Hara.—A prize for attainments in Anatomy, and a second for attainments in Practical Chemistry.

Second Department.

First-Class Student R. P. Gunther.—A prize for attainments in Medicine, a second for attainments in Clinical Medicine, a third for attainments in Midwifery, a fourth for attainments in Ophthalmology, and a fifth for attainments in Medical Jurisprudence.

First-Class Student J. W. Prichard.—A prize for attainments in Midwifery, a second for attainments in Diseases of Women and Children, and a third for attainments in Ophthalmology.

First-Class Student E. Isaac.—A prize for attainments in Hygiene.

First-Class Student T. Gooroosawmy Pillay.—A prize for attainments in Hygiene.

First-Class Student T. A. Bay.—A prize for attainments in Medical Jurisprudence.

Second-Class Student E. J. Theobald.—A prize for attainments in Medicine, and a second for attainments in Anatomy.

Third-Class Student F. A. Wynne.—A prize for attainments in Chemistry, a second for attainments in Anatomy, and a third for attainments in Materia Medica.

Third-Class Student W. H. Cooper.—A prize for attainments in Materia Medica.

Third-Class Student M. Pareira.—A prize for attainments in Materia Medica.

Junior Department.

First-Class Student T. L. Davasagoyum.—A prize for attainments in Medicine.

First-Class Student G. Ragavooloo Naidoo.—A prize for attainments in Surgery.

First-Class Student J. Manickum.—A prize for attainments in Medicine, and a second for attainments in Hygiene.

First-Class Student D. Iyasawmy.—A prize for attainments in Surgery.

Second-Class Student B. Lutchmiah Naidoo.—A prize for attainments in Anatomy, a second for attainments in Physiology, and a third for attainments in Materia Medica.

Second-Class Student P. Sathanunthum.—A prize for attainments in Anatomy, a second for attainments in Materia Medica, and a third for attainments in Physiology.

No. 14.

Students who have received Certificates of Qualification as Assistant Apothecaries.

R. P. Gunther.	G. T. Carroll.	H. Henderson.
J. D. Geils.	R. R. Wale.	J. T. Evers.
J. W. Prichard.	G. T. Anderson.	F. J. Carreck.
C. Rungasawmy Mdly.	T. A. S. Connor.	J. Cole.
E. Isaac.	M. Veramahlai.	E. C. Radford.
T. A. Bay.	H. H. D. Lynsdale.	
T. Gooroosawmy Pillay.	W. A. Cole.	

No. 15.

Students who have received Certificates of Qualification as Third-Class Hospital Assistants.

T. L. Davasagoyum,	No. 970	C. Madaray,	No. 943
C. Ramakistna Naidoo,	" 926	M. Lingasen,	" 957
G. Ragavooloo Naidoo,	" 925	B. Muthooraprasad,	" 920
P. Janakeram Pillay,	" 915	S. Coopoosawmy Pillay,	" 955
J. Manickum,	" 945	C. Francis,	" 922
D. Iyasawmy,	" 921	M. Veerasawmy Naidoo,	" 930
Josiah Soveriappen,	" 929	T. Pauperoyadco Naick,	" 942
P. Runganaickloo Naidoo,	" 928	T. Veeraragavaloo Naidoo,	" 923
C. V. Narrainasawmy,	" 967	Amcer Ally,	" 972
J. C. Chocalingum Pillay,	" 965	M. Manickum Moodelly,	" 959
Samuel Simeon,	" 906	Cornelius Soveriappen,	" 968
J. C. Allagherryasawmy Naicker,	" 931		

No. 16.

List of Students who have received Honorary Certificates.

Assistant in the Department of
 Anatomy and Physiology ... P. MAHONEY.
 Assistant in the Department of
 Anatomy and Physiology ... J. MARTIN.
 Assistant in the Department of
 Anatomy and Physiology ... H. NAILER.
 Assistant in the Department of
 Materia Medica ... H. A. C. GRAY.
 Assistant in the Department of
 Chemistry ... R. WARDER.

No. 17.

List of Students who have failed to pass the Final Examination, and are recommended to be discharged the Service.

JUNIOR DEPARTMENT.

First-Class Student G. Davarajooloo Chetty, No. 916.
 Do. T. Rungasawmy Pillay, „ 947.
 Do. T. Nagapen, „ 974.
 Do. M. Doorghiah Pillay, „ 940.

No. 18.

List of Students recommended by the Professors to be discharged the Service as unlikely to qualify for the Public Service.

SECOND DEPARTMENT.

Second-Class Student H. Ballantyne.
 Do. M. Donohoe.
 Third-Class Student J. Dyce.
 Do. W. J. Dyce.
 Do. G. Druston.
 Do. W. Radford.

JUNIOR DEPARTMENT.

Second-Class Student R. Venkatasawmy, No. 908.
 Do. P. Chintamoney Moodelly, „ 934.
 Do. V. Iyempermaul Pillay, „ 961.
 Do. T. Appavoo Moodelly, „ 946.
 Do. P. M. Moorogasa Moodelly, „ 971.
 Do. Abdool Wahab, „ 975.

No. 19.

Numerical Abstract of the Students who have been removed from the College, and 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>							
Lane Scholar...	1	...	...	...	...	...	1
Government Students...	5	...	...	...	1	...	4
Private Students	7	...	...	...	...	...	7
<i>Second Department.</i>							
First-Class Students	19	...	...	...	...	*19	...
Second-Class Students	13	...	...	2	...	...	11
Third-Class Students	30	1	...	4	...	...	25
<i>Third or Junior Department.</i>							
First-Class Students	27	...	...	4	...	*23	...
Second-Class Students	24	...	1	6	1	...	16
Yizianagram Rajah's Students	6	...	...	...	...	...	6

No. 20.

LIST OF DONORS TO THE MUSEUM OF THE MEDICAL COLLEGE, SESSION 1869-70.

ASSISTANT SURGEON E. F. BROCKMAN.

Skeleton of a sparrow.
 Sternum carious.

J. URQUHART, ESQ., M.D.

Specimen of tape-worm.
 Diseased liver.

ASSISTANT APOTHECARY B. FONSECA.

Monster chick.

PROFESSOR W. H. HARRIS, M.D.

Human ovum.
 Ruptured uterus.
 Monster fetus.
 Blighted ovum.

SURGEON J. SHORTT, M.D.

Osteo sarcoma of the lower jaw.

* Passed out as Assistant Apothecaries and Third-Class Hospital Assistants.

Mr. W. HONEY.

Two specimens of snakes.

NATIVE SURGEON M. IYASAWMY.

Two urinary calculi.

PROFESSOR G. SMITH, M.D.

Fatty degeneration of kidneys.

Fatty degeneration of heart.

Stomach showing perforating ulcer.

Tubercular liver.

ASSISTANT APOTHECARY J. SAUSMAN.

Black scorpion.

PROFESSOR R. W. COCKERILL.

Bones of leg fractured at ankle.

Epithelioma of penis.

Diseased testicle.

Necrosed bone (humerus).

Necrosed bone (tibia).

SURGEON J. H. FINNEMORE.

Fractured spine.

SURGEON W. FARQUHAR, M.D.

Aorta atheromatous.

Diphtheretic cast from trachea.

Diseased heart.

No. 21.

LIST OF DONORS TO THE LIBRARY OF THE MADRAS
MEDICAL COLLEGE FOR THE SESSION 1869-70.

PATHOLOGICAL SOCIETY OF LONDON.

Transactions of the Pathological Society of London,

Vol. XX. ... 1

G. BIDIE, Esq., M.B.

Report on the Ravages of the Borer in Coffee Estates
in Southern India, by Dr. Bidie ... 1

G. SMITH, Esq., M.D.

Address to the Convocation of the Senate of the
Madras University, 1870, by Dr. G. Smith ... 1

SUB-ASSISTANT SURGEON R. HARVEY.

Smith's Plantarum Icones ... 3

2ND DRESSER S. AROKEUM PILLAY.

Asiatic or Epidemic Cholera ... 1

No. 22.

Annual Return of Sickness of Medical Students for Session 1869-70.

Names.	Diseases.	Date of Admission.	Date of Discharge.
G. Dresden...	Dyspepsia ...	17th Oct. 1869.	8th Nov. 1869.
W. Radford ...	Abscess ...	6th Dec. "	19th Dec. "
R. R. Wale ...	Febris Intermittens ...	14th " "	17th " "
E. C. Radford ...	Erysipelas ...	17th " "	25th " "
J. Cole ...	Hæmoptysis ...	3rd Jan. 1870.	28th Jan. 1870.
T. Gaynor ...	Febricula ...	16th " "	20th " "
G. T. Anderson ...	Abscess ...	1st Feb. "	6th Feb. "
J. Cole ...	Hæmoptysis ...	1st " "	13th " "
J. Fisher ...	Febricula ...	1st " "	4th " "
J. Dyce ...	Febricula ...	2nd " "	5th " "
J. S. Feukes ...	Synovitis ...	14th " "	18th March "
W. Dyce ...	Dysentery ...	16th " "	27th Feb. "
J. Fisher ...	Pneumonia ...	25th " "	14th May "
J. Evers ...	Observatio ...	27th " "	28th Feb. "
W. Sherriffe ...	Observatio ...	9th March "	10th May "
G. T. Jones ...	Parotides ...	16th " "	18th " "
J. S. Feukes ...	Abscessus ...	18th " "	2nd April "
M. Donohoe ...	Tonsillitis ...	8th April "	15th " "
C. G. Swayne ...	Morbilli ...	11th " "	16th " "
H. Henderson ...	Abscessus ...	2nd May "	5th May "
G. I. West ...	Febris Intermittens ...	15th " "	18th " "
J. F. Pereira ...	Abscessus ...	15th " "	18th " "
F. Blake ...	Orchitis ...	30th " "	12th June "
J. T. Evers ...	Bubo (non-syph.) ...	8th June "	13th " "
J. Dyce ...	Febricula ...	17th " "	19th " "
J. Moore ...	Ulcus ...	18th " "	21st " "

MADRAS, GENERAL HOSPITAL,
23rd June 1870.GEO. SMITH, M.D.,
Physician, General Hospital.

Annual Return of Sickness of Medical Pupils for Session 1869-70.

Names.	Diseases.	Date of Admission.	Date of Discharge.
T. Nagapen	Diarrhoea	12th Oct. 1869.	13th Oct. 1869.
D. Iyasawmy	Diarrhoea	3rd Nov. "	8th Nov. "
V. Perumall Naidoo.	Observatio	11th " "	12th " "
Syed Mahomed Ishaik	Scabies	5th Jan. 1870.	12th Jan. 1870.
Syed Mahomed	Phthisis Pulmon...	18th " "	8th Feb. "
Veerasawmy	Febricula	20th " "	24th Jan. "
Abdool Wahab	Dyspepsia	25th " "	27th " "
Syed Cauder	Catarrhus	26th " "	28th " "
Muthooraprasad	Dyspepsia	2nd Feb. "	4th Feb. "
Manickum	Catarrhus	2nd " "	4th " "
Veeraragavooloo	Catarrhus	2nd " "	4th " "
M. Cooposawmy	Diarrhoea	8th " "	10th " "
Muthooraprasad	Oxyuris Verm.	9th " "	11th " "
S. Simeon	Diarrhoea	19th " "	21st " "
Davasagoyum	Cephalaea	21st " "	23rd " "
Mahomed Abdool			
Rhymon	Febricula	21st " "	23rd " "
Manickum	Scabies	23rd " "	26th " "
Thomas	Diarrhoea	23rd " "	24th " "
D. Iyasawmy	Scabies	26th " "	2nd March "
Syed Khader	Febris Intermittens	21st March "	7th April "
Valoo Moodelly	Ascaris lumb.	28th " "	31st March "
T. Nagapen	Dracunculus	29th " "	31st " "
Narrainsawmy	Asthma	29th " "	31st " "
M. Doorghiah	Cephalaea	30th " "	31st " "
T. Nagapen	Dracunculus	19th April "	28th April "
P. Chintamoney	Febricula	28th " "	6th May "
Rungasawmy	Febris Intermittens	29th " "	1st " "
Narrainsawmy	Observatio	2nd May "	4th " "
Abdool Wahab	Observatio	7th " "	8th " "
Veerasawmy	Dracunculus	10th " "	13th " "
Ramasawmy	Morsus Insect.	17th " "	20th " "
Rajum Moodelly	Oxyuris Verm.	26th " "	29th " "
Iyenpermall	Vertigo	27th " "	30th " "
Sircenevassooloo	Abscessus	27th " "	31st " "
L. Kalingaroyen	Scabies	31st " "	5th June "
Syed Khader	Scabies	31st " "	5th " "
M. Shunmoogum	Febricula	1st June "	6th " "
Valoo Moodelly	Febricula	2nd " "	9th " "
Ramasawmy	Dracunculus	3rd " "	23rd " "
Damoodrum	Febricula	5th " "	8th " "
Sooharoyen Naidoo...	Catarrhus	6th " "	9th " "
Mooreogasan	Catarrhus	14th " "	17th " "
Tirupatti Rajoo	Febricula	16th " "	19th " "
Venketasawmy	Observatio	21st " "	23rd " "
Mahomed Abdool			
Rhymon		23rd " "	" "
Davasagoyum		23rd " "	" "

MADRAS, GENERAL HOSPITAL,
23rd June 1870.GEO. SMITH, M.D.,
Physician, General Hospital.

MADRAS MEDICAL COLLEGE.

Abstract Statement of Students of the Senior, Second, and Junior Departments
attending the Madras Medical College, who received Pay during
the official year 1869-70.

STUDENTS.	1869.								1870.			
	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.
Government Students, Senior Department ...	4	4	4	4	4	4	5	5	5	5	5	4
1st-Class Students, 2nd Department.	20	20	20	...	...	...	19	19	19	19	19	19
2nd do. do do.	20	20	20	19	19	19	13	13	13	13	13	13
3rd do. do. do.	17	17	17	13	13	13	30	30	30	30	30	30
1st do. Junior Department ...	24	24	24	...	...	...	27	27	27	27	27	27
2nd do. do. do.	32	32	32	27	27	27	24	23	22	22	22	22
Total...	117	117	117	63	63	63	118	117	116	116	116	116

Abstract Statement of the Expenses.

	RS.	A.	P.	RS.	A.	P.
Salaries of Minor Professors	3,100	0	0			
Do. of Assistants	5,625	0	0			
Do. of Establishment and Servants	3,192	0	0			
Contingent Expenses	1,048	3	6			
Stationery	108	0	0			
Salaries of Students	28,136	12	6			
Total...	41,210	0	0	41,210	0	0

Expenses of the Madras Medical College

RANK.	1869.			
	April.	May.	June.	July.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1 Professor of Medical Jurisprudence ...	200 0 0	200 0 0	200 0 0	200 0 0
1 Professor of Botany.	...	...	...	...
1 Demonstrator of Anatomy and Curator of the Museum ...	100 0 0	100 0 0	100 0 0	100 0 0
1 Assistant to the Professor of Chemistry.	100 0 0	100 0 0	100 0 0	100 0 0
1 Assistant to the Professor of Materia Medica and Botany	100 0 0	100 0 0	100 0 0	100 0 0
1 Assistant ...	100 0 0	100 0 0	100 0 0	100 0 0
1 Native Assistant ...	50 0 0	50 0 0	50 0 0	50 0 0
5 Subordinate Assistants at 5 Rs. each.	25 0 0	25 0 0	25 0 0	...
1 Clerk ...	50 0 0	50 0 0	50 0 0	50 0 0
1 Draughtsman ...	60 0 0	60 0 0	60 0 0	60 0 0
1 Librarian ...	12 8 0	12 8 0	12 8 0	12 8 0
1 Mucosee ...	5 8 0	5 8 0	5 8 0	5 8 0
1 Anatomical Attendant ...	17 0 0	17 0 0	17 0 0	17 0 0
2 Anatomical Attendants at 12 Rs. each.	24 0 0	24 0 0	24 0 0	24 0 0
1 Chemical Lascar ...	12 0 0	12 0 0	12 0 0	12 0 0
1 Peon ...	8 0 0	8 0 0	8 0 0	8 0 0
3 Lascars at 7 Rs. each.	21 0 0	21 0 0	21 0 0	21 0 0
2 Gardeners at 7 Rs. each ...	14 0 0	14 0 0	14 0 0	14 0 0
4 Cooly Bearers at 8 Rs. each ...	32 0 0	32 0 0	32 0 0	32 0 0
2 Sweepers at 5 Rs. each ...	10 0 0	10 0 0	10 0 0	10 0 0
Contingent expenses of the College ...	165 9 0	62 7 0	40 7 0	32 8 7
Stationery ...	...	...	108 0 0	...
Students of the Senior Department ...	80 0 0	80 0 0	80 0 0	80 0 0
Students of the Second and Junior Departments attending College ...	2,538 0 0	2,538 0 0	2,538 0 0	1,298 0 0
Total...	...	...	...	...

for the official year 1869-70.

1869.					1870.
August.	September.	October.	November.	December.	January.
RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
200 0 0	200 0 0	200 0 0	200 0 0	200 0 0	200 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	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
50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0
...	...	25 0 0	25 0 0	25 0 0	25 0 0
50 0 0	50 0 0	50 0 0	50 0 0	50 0 0	50 0 0
60 0 0	60 0 0	60 0 0	60 0 0	60 0 0	60 0 0
12 8 0	12 8 0	12 8 0	12 8 0	12 8 0	12 8 0
5 8 0	5 8 0	5 8 0	5 8 0	5 8 0	5 8 0
17 0 0	17 0 0	17 0 0	17 0 0	17 0 0	17 0 0
24 0 0	24 0 0	24 0 0	24 0 0	24 0 0	24 0 0
12 0 0	12 0 0	12 0 0	12 0 0	12 0 0	12 0 0
8 0 0	8 0 0	8 0 0	8 0 0	8 0 0	8 0 0
21 0 0	21 0 0	21 0 0	21 0 0	21 0 0	21 0 0
14 0 0	14 0 0	14 0 0	14 0 0	14 0 0	14 0 0
32 0 0	32 0 0	32 0 0	32 0 0	32 0 0	32 0 0
10 0 0	10 0 0	10 0 0	10 0 0	10 0 0	10 0 0
16 12 4	8 15 0	65 8 7	48 6 1	61 3 0	38 10 4
...	...	...	...	...	...
80 0 0	80 0 0	110 0 0	110 0 0	110 0 0	110 0 0
1,298 0 0	1,298 0 0	2,601 0 0	2,592 0 0	2,592 0 0	2,592 0 0
...	...	...	...	...	...

Expenses of the Madras Medical College for the official year 1869-70.—(Concl'd.)

RANK.	1870.		Total.	Grand Total.
	February.	March.		
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
1 Professor of Medical Jurisprudence ...	200 0 0	200 0 0	2,400 0 0	3,100 0 0
1 Professor of Botany. ...	...	...	700 0 0	
1 Demonstrator of Anatomy and Curator of the Museum ...	100 0 0	100 0 0	1,200 0 0	
1 Assistant to the Professor of Chemistry	100 0 0	100 0 0	1,200 0 0	
1 Assistant to the Professor of Materia Medica and Botany.	100 0 0	100 0 0	1,200 0 0	
1 Assistant ...	100 0 0	100 0 0	1,200 0 0	
1 Native Assistant ...	50 0 0	50 0 0	600 0 0	
5 Subordinate Assistants at 5 Rs. each.	25 0 0	25 0 0	225 0 0	5,625 0 0
1 Clerk ...	50 0 0	50 0 0	600 0 0	
1 Draughtsman ..	60 0 0	60 0 0	720 0 0	
1 Librarian ...	12 8 0	12 8 0	150 0 0	
1 Mochce ...	5 8 0	5 8 0	66 0 0	
1 Anatomical Attendant ...	17 0 0	17 0 0	204 0 0	
2 Anatomical Attendants at 12 Rs. each.	24 0 0	24 0 0	288 0 0	
1 Chemical Lascar ...	12 0 0	12 0 0	144 0 0	
1 Peon ...	8 0 0	8 0 0	96 0 0	
3 Lascars at 7 Rs. each.	21 0 0	21 0 0	252 0 0	
2 Gardeners at 7 Rs. each ...	14 0 0	14 0 0	168 0 0	
4 Dooly Bearers at 8 Rs. each ...	32 0 0	32 0 0	384 0 0	3,192 0 0
2 Sweepers at 5 Rs. each ...	10 0 0	10 0 0	120 0 0	
Contingent expenses of the College ...	430 9 11	77 2 8	1,048 3 6	1,048 3 6
Stationery ...	...	...	108 0 0	108 0 0
Students of the Senior Department ...	110 0 0	110 0 0	1,140 0 0	1,140 0 0
Students of the Second and Junior Departments attending College ...	2,558 12 6	2,553 0 0	26,996 12 6	26,996 12 6
Total...	...	...	...	...

No. 24.
MEDICAL COLLEGE.
CURRICULUM OF STUDY—WINTER SESSION 1869-70.
Senior Department.

First Year.	Second Year.	Third Year.	Fourth Year.	Fifth Year.
Winter. { Anatomy. Chemistry. Botany. } Summer. { Practical Chemistry. Practical Pharmacy. Dispensary and Surgical Wards. }	Winter. { Anatomy. Physiology. Surgery. Dissection. } Summer. { Clinical Surgery. Practical Pharmacy. Surgical Wards. }	Winter. { Physiology. Surgery. Clinical Surgery. Dissection. } Surgical Wards. Summer. { Clinical Ophthalmology. Operative and Minor Surgery. Comparative Anatomy. Microscope. Eye Infirmary. }	Winter. { Medicine. Pathology. Midwifery. Clinical Medicine. Dissection and Operative Surgery. } Medical Wards. Summer. { Diseases of Women and Children. Organic Chemistry. Clinical Medicine. Medical Jurisprudence. Microscope. Eye Infirmary & Lying-in Hosp. }	Winter. { Medicine. Ophthalmology. Clinical Medicine. Dissection and Operative Surgery. } Medical Wards. Summer. { Clinical Ophthalmology. Operative Surgery. Hygiene. Eye Infirmary & Lying-in Hosp. }
Second Department.				
First Year.	Second Year.	Third Year.		
Winter. { Anatomy. Chemistry. Materia Medica. } Summer. { Practical Chemistry. Practical Pharmacy. Examinations daily by the Assistants. Hospital Attendance. }	Winter. { Anatomy. Physiology. Surgery and Clinical Medicine. Dissection and Demonstrations. } Summer. { Practical Pharmacy. Minor Surgery. Examinations by the Assistants. Surgical and Medical Wards. }	Winter. { Medicine and Clinical Medicine. Surgery and Clinical Surgery. Midwifery. Ophthalmology. Dissection and Demonstrations. } Summer. { Medical Jurisprudence. Hygiene. Diseases of Women and Children. Operative and Minor Surgery. Genl. Hosp., Eye Infirmary, and Lying-in Hosp. }		

Junior Department.

First Year.				Second Year.			
Win- ter.	Anatomy. Materia Medica. Examinations by the Assist- ants.	Sum- mer.	Outlines of Physiology. Practical Pharmacology. Minor Surgery.	Win- ter.	Medicine. Surgery. Clinical Surgery. Midwifery.	Win- ter.	Dissections. Examinations by the Assistants. Hygiene. Minor Surgery by the Assistants. Examinations by the Assistants. Lying-in Hospl. during both Sessions.
Attendance at the General Hospital during both Sessions.				General Hospital, Eye Infirmary, and Lying-in Hospl. during both Sessions.			

Daily Order of Instruction.

Days.	6 to 10.	10 to 11.	11 to 12.	12 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.
Monday	Dissections.	Botany	Materia Medica	Anatomy. Midwifery.	Physiology. Examn. in Anatomy, Jr. Class.	Chemistry ... Examination in Ana- tomy, 2nd Class...	Medicine. Examination in Chemistry	Surgery. Examination in Materia Medica.
Tuesday	Do.	...	Do.	Do.	Do.	Chemistry ... Ophthalmology ... Examination in Ana- tomy, 2nd Class...	Do.	Do.
Wednesday	Do.	...	Do.	Anatomy	Do.	Chemistry ... Examination in Ana- tomy, 2nd Class...	Do.	Do.
Thursday	Do.	Botany	Do.	Anatomy. Midwifery.	Do.	Chemistry ... Ophthalmology ... Examination in Ana- tomy, 2nd Class...	Do.	Do.
Friday	Do.	...	Do.	Do.	Examn. in Anatomy, Jr. Class.	Chemistry ... Examination in Ana- tomy, 2nd Class...	Do.	Do.
Saturday	Do.	...	Do.	Do.	...	...	...	...

The Winter course commences on the 1st of October and terminates on the 31st of March; the Summer course commences on the 1st of April and terminates on the 30th of June. The proportion of Examinations to Lectures shall not fall below one in three in the several courses, whether these courses be delivered during Winter or Summer Sessions. Towards the close of each course of Lectures there shall be held "Conversational Courses," which shall include examinations in all the subjects lectured upon. Recorded examinations of all the Junior Students shall be made by a Committee of Professors at the end of every Session. These are not to exempt the students from such examinations in Chemistry and Materia Medica as the Members of the Final Examination Committee may consider necessary, either to elicit the student's knowledge of the application of these sciences to practice, or to satisfy themselves that he has not neglected these studies during the interval.

The 2nd Class Students of the Junior Department will attend the lectures delivered by the Professors of Medicine and Surgery during the Winter, as well as those on the same subjects by the Assistants, during the Summer they will attend those delivered by the Professor of Hygiene. They will not be required to attend the course on Midwifery.

GEO. SMITH, M.D., Principal, Medical College.

No. 25.

MEDICAL COLLEGE 1869-70.

Daily Order of Instruction for the Summer Session.

Days.	11 to 12.	12 to 1.	1 to 2.	2 to 3.	3 to 4.	4 to 5.
Monday	Diseases of Women and Children. Examination in Materia Medica. Do. Medicine, 2nd Class.	Hygiene ... Comparative Anatomy...	Examination in Physi- ology.	Medical Jurisprudence ... Examination in Surgery...	Operative and Minor Surgery.	
Tuesday	Diseases of Women and Children. Do.	Hygiene ... Comparative Anatomy...	Examination in Physi- ology.	Practical Chemistry. Medical Jurisprudence ... Microscope.		
Wednesday	Examination in Materia Medica. Do. Medicine, 2nd Class.	Hygiene ... Comparative Anatomy...	Examination in Physi- ology.	Medical Jurisprudence ... Examination in Surgery...	Operative and Minor Surgery.	
Thursday	Diseases of Women and Children. Do.	Hygiene ... Comparative Anatomy...	Examination in Anatomy, 2nd Class.	Practical Chemistry. Medical Jurisprudence ... Microscope.		
Friday	Diseases of Women and Children. Examination in Materia Medica. Do. Medicine, 2nd Class.	Hygiene ... Comparative Anatomy...	Examination in Physi- ology.	Medical Jurisprudence ... Examination in Surgery...	Operative and Minor Surgery.	
Saturday	Operative Surgery as material is available.			Practical Chemistry.		

The Summer Course commences on the 4th of April and terminates on the 30th of June. The proportion of Examinations to Lectures shall not fall below one in three in the several courses. Towards the close of each course there shall be held a "Conversational Course," which shall include examinations in all the subjects lectured upon. Recorded examinations of all the Junior Students shall be made by a Committee of Professors at the end of the Session. These shall not exempt the Students from such examinations in Chemistry and Materia Medica as the Members of the Final Examination Committee may consider necessary, either to elicit the Student's knowledge of the application of these sciences to practice, or to satisfy the Committee that he has not neglected these studies during the interval.

GEO. SMITH, M.D., Principal, Medical College.

MADRAS MEDICAL COLLEGE, 15th March 1870.

MADRAS MEDICAL COLLEGE.

GOVERNMENT SCHOLARSHIP.

Candidates for the Scholarship must have passed the First Examination in Arts of the Madras or of some other recognized University, and a preference will be given to the candidate who shall have taken up Latin as the optional language at the said F.A. Examination.

The successful candidate will receive a monthly stipend of Rupees Twenty, to be increased to Rupees Thirty on passing successfully and at the regulated time the Preliminary Scientific Examination of the University, and a further increase of Rupees Ten will be made when he shall pass successfully and at the regulated time the First Examination of the University for Medical Degrees.

The stipend of the Scholarship is subject to curtailment, suspension, or entire withdrawal should the Educational Authorities have occasion to find fault with the conduct, want of zeal, or lack of ability of the stipendiary student; and failure to pass the required examination will entail forfeiture of all future increase of stipend.

No stipend can be held for more than five years.

Government Scholarships are open to all, whether European, East Indian, or Native.

MADRAS MEDICAL COLLEGE,
6th July 1869.

GEO. SMITH, M.D.,
Principal, Medical College.

N.B.—Candidates for the Scholarship should make themselves thoroughly acquainted with the details of the University Rules for Degrees in Medicine.

LANE SCHOLARSHIP.

Candidates, who may be Europeans, East Indians, or Natives, must be Protestants, of certified moral character, and of decided religious principles. Satisfactory evidence of character and principles must accompany all applications for Scholarships.

Candidates for the Scholarship must have passed the First Examination in Arts of the Madras or of some other recognized University, and a preference will be given to the candidate who shall have taken up Latin as the optional language at the said F.A. Examination.

The successful candidate will receive a monthly stipend of Rupees Thirty, to be increased to Rupees Forty on passing successfully and at the regulated time the Preliminary Scientific Examination of the

University, and a further increase of Rupees Ten will be made when he shall pass successfully and at the regulated time the First Examination of the University for Medical Degrees.

The stipends of the Lane Scholarships are subject to curtailment, suspension, or entire withdrawal, should the Trustees have occasion to find fault with the conduct, want of zeal, or lack of ability of the stipendiary students; and failure to pass the required examinations will entail forfeiture of future increase of stipend.

No stipend shall be held for more than five years.

MADRAS,
27th June 1870.

GEO. SMITH, M.D.,
Principal and Acting Secretary.

N.B.—Candidates for the Scholarship should make themselves thoroughly acquainted with the details of the University Rules for Degrees in Medicine.

LIST OF THE AUTHORIZED TEXT BOOKS.

- Anatomy*.—Wilson's Anatomists' Vade Mecum.
Chemistry.—Fownes' Chemistry.
Materia Medica.—Royle and Headland's Manual of Materia Medica.
Physiology.—Carpenter's Manual.
Medicine.—Hooper's Physician's Vade Mecum, by Guy and Harley.
Surgery.—Druitt's Surgeon's Vade Mecum.
Midwifery.—Barnes' Manual of Midwifery.
Ophthalmic Medicine and Surgery.—Jones' Manual of Ophthalmic Medicine and Surgery.
Medical Jurisprudence.—Taylor's Manual of Medical Jurisprudence.
Botany.—Balfour's Manual of Botany.
Diseases of Women.—West's Diseases of Women.
Diseases of Children.—West's Lectures on the Diseases of Infancy and Childhood.
Hygiene.—Parkes' Manual of Practical Hygiene.
Pathology.—Jones' and Sieveking's Manual of Pathological Anatomy.
Comparative Anatomy.—Jones' (T. Rymer) Manual of Comparative Anatomy.
Practical Anatomy.—Holden's Practical Anatomy.
Practical Chemistry.—Macadam's Practical Chemistry.
Practical Pharmacy.—Bidie's Practical Pharmacy.
Operative and Minor Surgery.—Heath's Operative and Minor Surgery.
Clinical Medicine.—Bennett's Introduction to Clinical Medicine.
Microscope.—Beale's "How to work with the Microscope."

12
L. 211, 17 PM, M 69
M 20

74

Extract from G. O., No. 99, dated 24th March 1869.

"It will be obligatory upon the pupils in the Senior and Second Departments to supply themselves with the latest editions of the prescribed text books."

MADRAS MEDICAL COLLEGE,
8th April 1869.

GEO. SMITH, M.D.,
Principal, Medical College.

EDUCATIONAL.

Read the following letter from the Director of Public Instruction,
dated 21st July 1870, No. 1,291.

ORDER THEREON, 6th September 1870, No. 276.

With the letter above recorded the Director of Public Instruction submits the Report of the Principal of the Medical College for the Session 1869-70. The changes in the teaching staff of most prominence are the cessation of Dr. Bidie's connection with the College, after rendering most valuable and efficient service to the institution during five years, and the death of Dr. Montgomery. His Excellency the Governor in Council entirely concurs in the opinion expressed by the Director of Public Instruction and by the Principal of the Medical College, that, in the death of this accomplished Officer, medical science in India and the Medical College have sustained a very serious loss.

2. The results of the examinations are on the whole satisfactory, and the Principal is able to report favourably of the students of all departments of the College. It is gratifying to His Excellency in Council to learn that two former Pupils of the College, Messrs. Tyrrell and Boath, have returned to India with Commissions in the Madras Medical Department, and that the Rev. J. M. Strachan, who was also a student at the Madras Medical College, has distinguished himself at the University of Edinburgh, where he has graduated, by carrying off one of the two gold medals awarded for distinguished thesis.

3. The Medical College has further received a gratifying mark of the high repute in which its teaching is held in the concession made by the Faculty of the University of Edinburgh in agreeing to recognise certificates of the Madras Medical College, and in the intimation that candidates for degrees in Medicine will be allowed to pass two of the for "Anatomy" required by the Edinburgh Regulations, at the Madras University.

(True Extract.)

(Signed) H. E. STOKES,

Under-Secy. to Govt.

73902

