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**ADMINISTRATION REPORT OF THE MADRAS
MEDICAL COLLEGE, MADRAS, FOR THE YEAR 1958-59.**

I. *Appointments*.—Dr. R. S. Kesavaraj, District Medical Officer, Tiruchirappalli, appointed as Dean, Madras Medical College and Government General Hospital, Madras, with effect from 11th April 1959 afternoon.

Dr. N. R. Rathnakannan, Professor of Bacteriology, Madras Medical College, Madras, posted to act as Vice-Principal, Madras Medical College, Madras, during the period of deputation of Dr. T. Janardhanan, from January to May 1959.

Dr. P. N. Rangiah, Associate Professor of Venereology, Madras Medical College, Madras, posted as Director, Upgraded Institute of Venereology, Government General Hospital, Madras, and Professor of Venereal Diseases, Madras Medical College, Madras, from 8th January 1959.

Dr. C. N. Sowmini, Tutor in Venereal Diseases, Madras Medical College and Assistant to Physician, Institute of Venereology, appointed as Associate Reader in Venereology, Madras Medical College and Physician, Government General Hospital, Madras, with effect from 20th March 1959.

Dr. S. P. Vedachalam, Professor of Pathology, Madurai Medical College, Madurai, appointed as Professor of Pathology, Madras Medical College, Madras, with effect from 3rd July 1958.

Dr. K. Ramachandra, Professor of Medicine, Stanley Medical College and Physician, Stanley Hospital, Madras, and Surgeon, I District, posted as Professor of Therapeutics, Madras Medical College, Madras, and Physician, Government General Hospital, Madras, and Surgeon, IV District, with effect from 6th November 1958 forenoon.

Dr. K. M. Rai, Honorary Professor of Radiology, Barnard Institute of Radiology, Government General Hospital, Madras, appointed as Director, Institute of Radiology, Government General Hospital, Madras, with effect from 8th August 1958.

Dr. Arthur Daniel, on return from deputation abroad posted as Lecturer in Radiology, Madras Medical College and Radiologist, Government General Hospital, Madras, with effect from 28th February 1959 afternoon.

Dr. K. Bhaskara Rao, Lecturer in Obstetrics and Gynaecology, Madras Medical College, appointed to act as Reader in Obstetrics and Gynaecology, Madras Medical College and Obstetrician and Gynaecologist, Institute of Obstetrics and Gynaecology, Women and Children Hospital, Madras, with effect from 7th March 1959.

Dr. K. Ramachandran, Lecturer in Dental Surgery, Madurai Medical College, was posted as Professor of Dental Surgery, Madras Medical College, with effect from 14th July 1958.

Dr. D. C. Miglani appointed as Professor of Oral Surgery, Madras Medical College, Madras, with effect from 14th August 1958.

Dr. N. A. Pirashow, appointed as Reader in Peridontia with effect from 26th November 1958.

Dr. Y. C. Chawla, appointed as Reader in Orthodontia with effect from 26th December 1958.

Dr. (Kumari) A. B. Marikar, Superintendent, Kasturba Gandhi Hospital for Women and Children, Madras, appointed as Lecturer in Obstetrics and Gynaecology, Madras Medical College, Madras, in addition to her own post with effect from 27th May 1959.

Dr. (Kumari) P. Venkataswamy, Honorary Surgeon, Kasturba Gandhi Hospital for Women and Children, Madras, appointed as Honorary Lecturer in Obstetrics and Gynaecology, Madras Medical College, Madras, in addition to her own post with effect from 27th May 1959.

The following Honorary Surgeons of the Government General Hospital, have been appointed as Honorary Clinical Professors during this year :—

Dr. U. Mohan Rao, Honorary Clinical Professor of Surgery.

Dr. A. S. Ramakrishnan, Honorary Clinical Professor of Surgery.

Dr. A. Venugopal Mudaliar, Honorary Clinical Professor of Surgery.

Dr. V. S. Subramaniam, Honorary Clinical Professor of E.N.T. Diseases.

II. Transfers.—Dr. M. G. Prabhu, Professor of Therapeutics, Madras Medical College, Physician, Government General Hospital, and Surgeon, IV District, transferred and posted as Professor of Medicine, Stanley Medical College, Physician, Stanley Hospital and Surgeon, I District, with effect from 7th October 1958.

Dr. A. T. John, Reader in Pædiatrics, Madras Medical College and Pædiatrics Physician, Government General Hospital, Madras, transferred and posted as Reader in Pædiatrics, Stanley Medical College and Pædiatrics Physician, Stanley Hospital, Madras, with effect from 29th September 1958.

Dr. M. G. Rao, Professor of Dental Surgery, Madras Medical College and Dental Surgeon, Government General Hospital, Madras, transferred to Andhra Pradesh—relieved on 7th July 1958.

III. Retirement.—Dr. R. G. Krishnan, Dean, Madras Medical College and Government General Hospital, Madras, relieved on expiry of the term of appointment on 11th April 1959.

Dr. R. V. Rajam, Professor of Venereal Diseases, Madras Medical College, and Director, Institute of Venereology, Government General Hospital, Madras, relieved on expiry of his term of appointment on 8th January 1959.

Dr. G. S. Viswanathan, Professor of Pathology, Madras Medical College, Madras, retired from service on 1st September 1958 afternoon.

IV. Deputation.—Dr. T. Janardhanan, Professor of Anatomy and Vice-Principal, Madras Medical College, Madras, deputed abroad on short study tour for a period of four months from January to May 1959.

Dr. M. S. Ramakrishnan, Reader in Operative Surgery, Madras Medical College and Surgeon, Government General Hospital, deputed abroad under Colombo Plan for undergoing studies in Canada in Pædiatric Surgery on a fellowship granted under Colombo Plan relieved on 20th June 1959, afternoon.

Leave.—Dr. G. S. Viswanathan, Professor of Pathology, Madras Medical College, Madras, proceeded on leave for one month and one day from 1st July 1958 preparatory to retirement.

Dr. Ninan Verghese, Professor of Bio-chemistry, Madras Medical College, Madras, proceeded on earned leave from 1st to 30th July 1958.

Dr. R. V. Rajam, Director, Institute of Venereology, proceeded on earned leave from 11th to 30th June 1958.

Dr. R. G. Krishnan, Dean, Madras Medical College and Government General Hospital, Madras, proceeded on leave from 16th August to 16th September 1958.

Sri K. S. Sreenivasavaradhan, Professor of Pharmaceutics and Pharmaceutical Chemistry, Madras Medical College, Madras, granted earned leave for ten days from 22nd September 1958.

Dr. R. Subramaniam, Professor of Medicine, Madras Medical College and Physician, Government General Hospital, Madras, earned leave from 1st to 30th May 1959.

Dr. M. Natarajan, Professor of Orthopædics, Madras Medical College, Madras, and Ortho Surgeon, Government General Hospital, Madras, proceeded on earned leave for one month from 1st to 31st May 1959.

Dr. S. T. Achar, Director, Institute of Pædiatrics, Government General Hospital and Professor of Pædiatrics, Madras Medical College, Madras, proceeded on earned leave from 3rd to 21st May 1959.

Dr. C. Satyanarayana, Professor of E.N.T. Diseases and E.N.T. Surgeon, proceeded on leave from 4th to 30th May 1959.

Dr. B. Ramamurthy, Professor of Neuro-Surgery, Madras Medical College, Madras and Neuro-Surgeon, Government General Hospital, proceeded on earned leave from 7th May to 6th June 1959.

Dr. Ninan Verghese, Professor of Bio-Chemistry, proceeded on earned leave from 21st April to 2nd June 1959.

Dr. M. Asirvatham, Professor of Forensic Medicine, Madras Medical College, proceeded on earned leave from 18th May to 16th June 1959.

Strength.—There were 1,143 students on the rolls of the college during the year under report including those newly admitted during 1958-59 to various courses in this college.

Post-Graduate Students (University) Degree and Diploma Courses :—

M.D. (All Branches)	31
M.S. (All Branches)	21
D.G.O.	23
D.V.	4
D.O.	8
D.L.O.	4
T.D.D.	4
D.R.	9
D.A.	4
D.C.P.	3
D. Ortho	5
B.S.Sc.	3
D.Ch.	11

Government Diploma or Certificate Courses :—

Diploma in Maternity and Child Health ..	4
L.P.H.	..
S.I.	100
D. Pharmacy	100
C.R.A.	15
D.R.A.	4

Detailed statistics regarding the various courses I. M.B.B.S.—
The number of students in the M.B.B.S. Classes according to their year of study were as follows :—

	I M.B.B.S.	II M.B.B.S.	Final M.B.B.S.	Total.
Men	216	233	168	617
Women	87	77	61	225

The percentage of passes at the Final M.B.B.S. Examination during the last triennium was as follows :—

	PER CENT.
1956-57	46.4
1957-58	48.0
1958-59	50.6

The percentage of failures in the different subjects at the Final M.B.B.S. Examination was as follows :—

Subjects.	December 1956 and April 1957. PER CENT.	December 1957 and April 1958. PER CENT.	December 1958 and April 1959. PER CENT.
Medicine	49.5	48.0	43
Surgery	46.1	49.5	41
Midwifery	36.0	47.5	33
Social and Preventive Medicine }	22.4	20.0	27.6

The percentage of students who have passed regularly in all the examinations from First Year M.B.B.S. to the Final M.B.B.S. for three years.

	PER CENT.
July 1952 Passed out in December 1956	22.2
July 1953 December 1957	23.0
July 1954 December 1958	23.7

Refugee students.—During the year under report the strength of refugee students was as follows :—

Pre-Professional M.B.B.S. Course—	
First year	1
Second year	2
Third year	..
Fourth year	2
Final year	2
Total	7

Bachelor of Dental Surgery Course.—Twenty students were admitted to the course in 1958-59. Twelve candidates appeared for the Final B.D.S. Examination held in April 1959 and nine candidates passed out.

Bachelor of Pharmacy Course.—Fifteen students were admitted to the course during the year 1958. Six candidates appeared for the Final B. Pharmacy Examination in 1959 April and four passed out.

Post-Graduate Courses—I. Degree Courses—M.D. Branch—I. (General Medicine).—Eleven candidates appeared from this college for M.D. Branch I examination in March 1959, and none has passed.

M.D. Branch II (Midwifery).—Six candidates appeared from this college for M.D. Branch II examination in March 1959, and one candidate passed.

M.D. Branch III. A. (Pathology).—Two candidates appeared for the examination held in March 1959 and none passed.

M.D. Branch III. B. (Bacteriology).—Three candidates appeared for the examination held in March 1959 and one passed.

M.S. Branch I. (General Surgery).—Ten candidates appeared for the examination held in March 1959 and none passed.

M.S. Branch II. (E.N.T.).—None has appeared from this college for the examination held in March 1959.

M.S. Branch II. Ophthalmology.—Two candidates appeared for the examination held in March 1959 and none passed.

Diploma in Ophthalmology, April 1959.—Seven candidates appeared for the examination held in April 1959 and three passed.

D.L.O., April 1959.—Two candidates appeared for the examination held in April 1959, and two passed.

D.R.—Four candidates appeared for the examination held in April 1959 and all four passed.

D.C.P.—Two candidates appeared for the examination held in April 1959 and none passed.

D. Ortho.—Only one candidate appeared in April 1959 and passed the examination.

D.C.H.—Twelve appeared from this college in October 1958 and nine passed.

D.G.O.—Twelve candidates appeared for the D.G.O. examination held in April 1959 and 11 passed.

T.D.D.—Eight candidates appeared for the examination in January 1959 and eight passed.

Diploma in Pharmacy Course.—Admission to this course was increased from 50 to 60 students. Sixty candidates joined the course of July 1958 session. Forty candidates appeared for the Final D. Pharmacy examination held in April 1959 and 34 passed.

Sanitary Inspectors Course.—One hundred candidates were admitted as usual. One hundred candidates appeared for the examination held in June 1959 and 61 passed.

Certified Radiological Assistant Course.—Fifteen candidates were admitted as usual. Thirteen candidates appeared for the examination held in June 1959 and five passed.

Dark Room Assistant Course.—Two candidates were admitted to the course as usual for July 1958 and January 1959 session. Two candidates appeared for the examination held in June 1959 and two passed.

Diploma in Maternity and Child Welfare Course (for Women Medical Officers).—Five candidates were admitted to the course. Five candidates appeared for the examination held in October 1958 and one candidate passed.

Research and papers published in the various departments of Madras Medical College, Madras, during the year 1958-59.

ANATOMY DEPARTMENT.

1. Biometry of foot with special reference to arches of foot.
2. Changes on the skeletal system of monkeys due to chronic fluorine intoxication.
3. Incidence of congenital malformations in the City Maternity Hospitals.
4. Incidence of multiple pregnancy in City Maternity Hospitals.
5. Patterns and anomalies of the arterial circle of Willis, Supplying blood to the brain.

The following clinical demonstrations were done before the General Hospital Clinical Society meeting:—

1. Flucrosis in human bones.
2. Demonstration of a case of intussusception with malrotation of gut.
3. Demonstration of a case of persistent Sciatic Artery.
4. Demonstration of a case of Retro Caval Ureter.
5. Demonstration of a case of Lt. Inferior Vena Cava.

ADMINISTRATION REPORT OF THE

The following is the statement of work done by the Skeleton Articulation Department (Reference G.O. Ms. No. 3415, Health, dated 25th November 1957) regarding the skeleton articulating section for the Anatomy Department:—

1. Number of human skeletons prepared	...	...	32
2. Number of animal skeletons prepared	...	...	16
3. Number of human skeletons repaired	...	...	3
4. Number of animal skeletons repaired	...	...	2
5. Number of human skeleton issued to Government institutions	...	...	8
6. Number of sets of bones issued to Government institutions	...	...	8
7. Number of sets of bones issued to private institutions and individuals	...	...	52
8. Sets of human bones sent to the Royal College of Surgeons on exchange basis for English skulls	...	...	2

BIOCHEMISTRY DEPARTMENT.

The method worked out and adopted in the Laboratory and later published in the Journal of Clinical Pathology, London, for desalting Biological fluids for Chromatography, has now been incorporated in text book of practical, clinical Biochemistry, by Harold Varley (Practical Clinical Bio-chemistry. By Harold Varley, 1958 Edition, Page 169. William Heinmann—Medical Books: London.)

BACTERIOLOGY DEPARTMENT.

The work in connection with the Madras State Research Scheme—entitled “Antibody Response in Chloramphenicol treated cases of Typhoid” was carried out in the year 1958–59.

Papers published—Agglutination tests in diagnosis—Madras Medical Journal—September 1958.

MIDWIFERY DEPARTMENT.

1. Evaluation of “Serpasil” in the treatment of Pre-eclamptic toxæmia.
2. Evaluation of “Apresoline” in the treatment of Pre-eclamptic toxæmia.
3. Phenothiazine derivatives in the treatment of eclampsia: a final assessment.
4. Some observations on threatened abortions.
5. Histochemical studies on endometrium in sub-fertility.
6. Chorion-epithelioma.

MEDICAL COLLEGE, MADRAS, FOR THE YEAR 1958–59

7. Study of urinary tract in carcinoma of the servix—Stages I and II (under publication).

8. An enquiry into perinatal mortality with autopsies (under publication).

9. Evaluation of the methods of diagnosis of pregnancy.

10. Electrophoretic pattern of serum proteins in pregnancy labour and puerperium.

PHARMACOLOGY DEPARTMENT.

1. Pilot scheme for screening a number of indigenous plant products to find out their efficacy in lowering blood sugar in laboratory animals have been undertaken last year and a monograph was read before the 11th State Medical Conference of the Indian Medical Association.

2. At present further research work is being conducted in the department on two of the outstanding indigenous plants.

DEPARTMENT OF OPHTHALMOLOGY.

1. Ocular manifestation in Syphilis. Madras State Research Scheme.

2. Further trials were conducted with regard to the treatment of Eales' Disease as a continuation of the research conducted during the previous years 1955–56, 1956–57 and 1957–58.

INSTITUTE OF VENEREALOGY.

1. The enquiry on clinico-therapeutic study of ocular syphilis, etc., with the collaboration of the Ophthalmic Hospital and under the auspices of the Madras State Research Fund was officially terminated on 31st March 1959.

2. The enquiry regarding the isolation of local strain or strains of LGV virus in white mouse brain and chick embryo yolk sac and preparation of Froi Antigen from it sponsored by the I.C.M.R. was officially terminated on 31st March 1959.

3. An enquiry under the I.C.M.R. (Vis) a Co-operative study of the patients of the Mental Hospital, Madras, with reference to the role of syphilis as direct or indirect factor in the causation of mental diseases is being continued.

4. A joint study of the reaction of S.T.S. and treponemal antigen tests on leprosy sera, with a view to find out the incidence of B.F.P. = reactions on leprosy has been started, with the

co-operation of Dr. Schmidt of the State Serum Institute, Copenhagen, Denmark. Dr. S. Z. Ahmed, Medical Officer in charge of Leprosy Department has been referring his patients with the diagnosis of Leprosy to the Institute here. These patients have been clinically and anemmetically screened for syphilis. Lepromin test was done and the sera were taken and sent to Copenhagen.

5. The Treponema Agglutination test for syphilis sponsored by the I.C.M.R. is being carried on in special cases where in addition to this test Wasserman, Kahn and VDRL are also performed.

6. A therapeutic Evaluation of ARISTAMID in the management of chancroids is going on.

7. The increasing number of patients with *Trichomonas Vaginitis* and of Non-gonococcal urethritis in the male due to *Trichomonas Vaginalis* has prompted us to study the effect of Mapharside as douches and irrigations.

8. In order to alter the practice of institutional treatment of Donovanosis, an experimental therapeutic study has been undertaken to treat cases of Donovanosis with a single injection of Streptomycin I.G. daily for 10 days concurrently with Fouadin given on alternate days for 5 injections.

9. Problematic dermatologic cases referred to the Institute have been subjected to intensive clinical investigation, biopsy study and therapeutics. During the period under report 171 biopsies have been carried out.

10. The problem of pseudo-venereal diseases arising out of sexual deficiency has been suitably tackled.

The following are the papers published :—

1. Oral Phenoxymethyl Penicillin—(in the treatment of Acute Gonococcal Infection (Antiseptic—February 1958.)

2. Leionymata Cubis—Journal of the Indian Medical Profession—February 1958.

3. Kerato Acanthoma on the skin of the face—Indian Journal of Dermatology and Venereology—Volume 24, No. 1, January-March 1958.

4. Gumma of the spinal cord as a manifestation of prococious tertiarism in a patient with early syphilis—Indian Journal of Dermatology and Venereology—Volume 24, No. 1, January-March 1958.

5. Beheetis Syndrome (Recurrent Genito-oral aphthous ulceration)—Journal of the Indian Medical Profession—Volume 5, No. 1, pages 2118-2127—April 1958.

6. Chronic Enterobiasis of the Lower Urinary Tract in an Adult Male—The Antiseptic—Volume 55, No. 5—May 1958.

7. Dental Stigmata of congenital syphilis in an adequately treated case in infancy with a negative serological reaction to syphilis—Indian Journal of Dermatology and Venereology—Volume 24, No. 2, pages 85 to 94—April-June 1958.

8. Chromoblastomycosis caused by a rare yeast like *Dematiaceous Fungus*—Mycopathologia at Mycologia Applicata—Volume IX—15th March 1958.

9. Doctors, Diseases and the Population Problem—Journal of the Indian Medical Association—Volume 31, No. 1—July 1, 1958.

10. Chronic Migrating Sub-cutaneous Eosinophilic Granuloma caused by unidentified larvae of a Myiasis producing fly—Journal of the Indian Medical Association—Volume 31, No. 2—July 16, 1958.

11. Generalized Scleroderma associated with myositis—Indian Journal of Dermatology and Venereology—Volume 24, No. 3—July-September 1958.

12. Thrombosis of the Posterior Inferior Cerebellar artery of luetic aetiology—British Journal of Venereal Diseases—Volume 34, No. 3—September 1958.

13. An Uncommon Hyperergic Reaction to Penicillin—Journal of the Indian Medical Profession—Volume 5, No. 7—October 1958.

14. Pemphigus Seborrheicus (Senear Usher Syndrome)—Indian Journal of Dermatology and Venereology—Volume 24, No. 4—October-December 1958.

15. Venereal Diseases in Madras—a Progress Report—Madras Medical Journal—Volume 11, Nos. 1 and 2—September 1958.

16. Gonorrhoea on the wane—The Madras Medical College Magazine—Volume XXXV—November 1958.

17. A much Tabooed Diseases—"Public Health" published by the Public Health Centre, Madras—1958.

18. Oral Tetracycline in the Prevention of Prenatal Syphilis—Journal of Indian Medical Association.

19. Spontaneous cure of a popliteal aneurysm of syphilitic—British Journal of Venereal Diseases—Volume 34, No. 4—December 1958.

20. Porphyria—with a case report of the Chronic mixed type—Indian Journal of Medical Science—Volume 13, No. 4—April 1959.

The following are the papers under publication :—

1. What you should know about mental ill-health.
2. An Inter-Laboratory trial evaluation of VDRL Flocculation test.
3. Syphilis and Pregnancy.
4. Infantile Syphilis.
5. V.D. other than syphilis in women and children.
6. Polyneuritis in Leprosy.
7. Exfoliative Dermatitis due to combined action of arsenic and penicillin during treatment—a case report.

MEDICINE.

1. *Drug Therapy in Filariasis*.—In this we are assessing the value of Sodium Glouride in the treatment of Elephantiasis. We are also experimenting with the extract from the plant Vitex, Peduncularis and Sulphones. We have tried for a select number of cases Cortisone as well. In the treatment of Elephantiasis of moderate sizes, Sodium Glouride gives the best results and Piperazine compounds the least results.

2. *Drug Therapy in Hypertension*.—This is sponsored by Messrs. Gluconate, Limited, Calcutta. The various drugs are made available in the treatment of Hypertension in the clinic. The cases that are admitted in the wards with hypertension are studied particularly from the point of view of the possibility of phæochromocytoma. With the aid of the Physiology Department of the Stanley Hospital we have been doing the estimation of Catechol Amine in the urine of these patients. Further special investigations like the Regitine test, Histamine test and other tests are being conducted on all hypertension cases admitted as in-patients. On Saturday afternoons at 2 o'clock, old cases and out-patients are attended to.

3. *The response on Anæmia to Iron in different forms* is being studied. This is sponsored by Messrs. Unichemicals, Bombay. The main theme of Research is to assess the value of iron over hæmatinic agents. Iron is also being tried in various combinations.

4. Apart from these, all interesting cases are being studied and in the year under review, every Friday afternoon, the physicians of the General Hospital, Madras, have been meeting and discussing about the problem cases. The meetings are well-attended, and Professor Sir Smirk of Australia attended one of these meetings and he was very favourably impressed by the high level of discussions and the interesting cases that were presented.

Radiology.—Research enquiry on Age estimation of Radiological Methods.

Pædiatrics-Research Schemes in the Pædiatric Department.—
(1) Enquiry on Childhood Cirrhosis (Madras State Research Committee) by Dr. S. T. Achar and Dr. Narmada.

(2) Enquiry financed by the Indian Council of Medical Research on clinical trials of protein rich foods in kwashiorkor by Dr. S. T. Achar and Dr. G. K. Khandige.

Papers published.—(1) Indian Childhood Cirrhosis by Dr. S. T. Achar and Dr. V. B. Rajum (under publication in the Journal of Pædiatrics; and (2) Pathological aspects of Indian Childhood Cirrhosis Paper read by Dr. S. T. Achar, before the 9th International Pædiatrics Congress at Montreal in July 1959.

PATHOLOGY DEPARTMENT.

A paper on "Leiomyo Sacroma of the Speromatic Cord" was published during the academic year 1958-59.

PHYSIOLOGY DEPARTMENT.

I. Studies on "Blood and Urinary Sodium and Potassium during the various phases of the Menstrual Cycles" [completed and submitted as thesis for the M.Sc. Degree in Physiology (Medical Faculty) by Dr. (Mrs.) S. Parvathi Devi, Assistant Professor of Physiology, Madras Medical College, Madras.

II. (1) 'Effect of Largactil on excretion of 17—Ketostroids'.

(2) A study of Fluid Phases in normal and certain abnormal states (under investigation).

(3) 'Potassium Tolerance Tests in normal individuals and Variations of Sodium iron and Glucose with respect to Potassium' (under completion) by Dr. G. Krishnamurthy, Research Assistant, Physiology Department, Madras Medical College, Madras.

MADRAS MEDICAL COLLEGE AND STANLEY MEDICAL COLLEGE 6TH (M) MEDICAL COY. N.C.C.

1. *Enrolment and discharge*.—Consequent on the increase in the strength of the Cadets of this Unit the authorized strength is 120, viz., Madras Medical College—60 and Stanley Medical—60. The enrolment is in progress.

2. *Training*.—(i) Parades for the year 1959 to 1960 have been commenced during the second week of July 1959. The training period is divided as below :—

July to November-January and February.

As the Medical students have their examinations in December and April every year. Parades are stopped one month in advance to enable them to prepare for their examinations.

(ii) Parades are being held twice a week, i.e., Monday and Thursday (evening—3 periods each day) each period of 40 minutes. Thus 6 periods in a week.

(iii) Attendance at parades—Satisfactory.

3. *Camps—Combined Cadre and Social Service Camps.*—This year the Combined Cadre and Social Service Camp was held at Dharapuram, Coimbatore district, from 26th April to 9th May 1959 under the auspices of Headquarters No. 2, Circle Cadet Corps. One N.C.C. Officer and 18 cadets of this Unit attended.

Nature of work.—Road construction. Medical Coy. boys also did rural service.

4. *Annual Camp.*—The Annual Training Camp of this Unit was held with a Field Ambulance at Ahmedabad. Cadets were given opportunities to see Medical Units functioning in a Field Area. Medical N.C.C. Units from Madras, Mysore and Kerala also participated in the Annual Training Camp along with this Unit. The Camp Day celebration was held on 7th February 1959. Brigadier Bilmoria took the salute at the march-past of the Combined Parade of all the N.C.C. units participating in the camp. The camp was visited by Col. Sankla, Adms. Bombay area and other Very Important Persons and they had all appreciated the smart turnout of the Cadets and cleanliness of the camp lines.

5. *Certificate examination.*—"B and C" Certificate examinations were held during the second week of February every year. Sixteen cadets appeared for 'B' and 9 cadets appeared for 'C' Certificate. Out of this only one cadet failed in 'C' Certificate.

6. *Range.*—The Annual Range Classification is held every year in February. This year the Annual Range Classification was held on 28th February 1959.

7. *N.C.C. Day.*—This Unit participated in the N.C.C. Day which was held on 7th December 1958.

A ceremonial parade was arranged in Honour of the visit of Sri V. K. Krishna Menon, Defence Minister, Government of India, under the auspices of Headquarters No. 2, Circle Cadet Corps, on 15th February 1959. One officer and 53 cadets from this unit took part.

Sri V. K. Krishna Menon, Defence Minister, Government of India, reviewed the parade of this unit on 15th February 1959 when he visited the Madras Medical College, Madras, to preside over the Annual Sports.

ANNUAL REPORT OF THE MEDICAL RELIEF WING FOR THE ACADEMIC YEAR 1958-59.

The election of new class representatives of Medical Relief Wing of the Madras Medical College, for the academic year 1958-59 was held in November 1958 and 22 members representing the various classes were elected. In the Executive Committee meeting held on 14th January 1959 under the Presidentship of Dr. R. G. Krishnan, six members of the old committee were co-opted into the new Executive Committee.

Regarding the staff office bearers, Dr. A. Venugopal, as the Chairman, Dr. R. Subramaniam, as the staff representative and Dr. S. Krishnan, as the treasurer were re-elected unanimously. The members of the new Executive Committee elected Mr. N. Sivarajan of Fourth-year M.B.B.S. as the Secretary and Miss C. N. Sujayakumari, Fourth-year M.B.B.S. and Mr. M. Kasinathan (Third-year) as the Assistant Secretaries.

The centre of activity of the M.R.W. continues to be Pallikaranai, a village about six miles from Saidapet, for the third consecutive year. In the beginning of this academic year our immediate predecessors had to call upon their resources of energy and ingenuity, often at short notice, in arranging for some means of transport for weekly Sunday trips. The old Hostel Bus being under repair we visited Pallikaranai more often than not in some station wagon. Our thanks are due to the Director of Institute of Paediatrics, Government General Hospital, for allowing us to use the UNICEF Vans. With the arrival of the new bus, the problem of conveyance was solved and we thank the Wardens and Hostel Secretary in this connexion. We are also grateful to the Director of Medical Services for allowing us to pay only the petrol charges and the batta for the driver and conductor. This timely and considerate action cuts down the expenditure of the Medical Relief Wing to a considerable extent allowing a saving of about Rs. 1,500 per annum.

The attendance of patients at Pallikaranai continues to be about 250 to 300 per week, of which about 30 are leprosy cases. We give below the statistics of the diseases that came for treatment at our centre.

Number of cases treated from 1st June 1958 to 30th August 1959—14,675, of this 4,699 are old cases.

Diseases commonly met at Pallikaranai	PER CENT.	PER CENT.
Asthma	1.3	Diseases of C.V.S. .. 0.77
Tuberculosis	0.27	" C.N.S. .. 0.65
Other resp. system	10.2	" E.N.T. .. 3.30
Disorders	10.2	" Eye .. 4.71
Peptic ulcer	3.3	Other than specified .. 6.45

PER CENT.		PER CENT.	
Diarrhoea and Dysentery	5.62	Scabies ..	3.83
Dyspepsia ..	6.7	Dental cases ..	1.76
Helminthic diseases ..	1.6	Endocrinological disorders ..	0.08
Other G.I. system disorders.	1.45	Congenital disorders ..	0.02
Head ache ..	2.88	Filaria is ..	0.23
Arthralgia ..	0.93	Obstetrics and gynaecological cases.	0.69
P.U.O. ..	9.78	Minor surgery ..	6.7
Anaemia ..	6.09	V.D. ..	0.08
Avitaminosis ..	11.38		

Of the total number of cases, 3.5 per cent are paediatric cases

We have brought with us three cases, over a period of one year, which required hospitalisation, out of which one was a child with imperforate anus. As an emergency measure, transverse colostomy was done to the child in the General Hospital.

Realizing the usefulness of health education in the prevention of diseases and the limiting of suffering in many instances, a start was made in this direction in August 1959, with the help of the nursing staff of General Hospital who have been so far extending their valuable help and co-operation in our Medical missionary work.

On 10th August 1958 three members from a team of International students' delegation visited our centre and congratulated the students on their service to rural folks. Dr. Ion Thomas of Melbourne and Australia, visited our centre on 22nd March 1959 and voiced his appreciation of this voluntary work by the medical students. Mrs. and Dr. R. G. Krinshnan, F.R.C.S., former ex-officio president, Medical Relief Wing, visited our centre on 2nd August 1959.

On 29th July 1959, a farewell party was given to Dr. R. G. Krishnan, F.R.C.S., by the Executive Committee of the Medical Relief Wing. A farewell address was presented to him on behalf of the members of the Medical Relief Wing.

An executive committee meeting was held on 25th June 1959 at Dean's office. Dr. R. S. Kesavraj, the new ex-officio president of the Medical Relief Wing presided. In that meeting by-laws of the constitution were framed allowing the representation of internees and pre-professional students in the executive committee of the Medical Relief Wing.

With a view to encourage the keen enthusiasm shown by our student volunteers, it has been decided to issue certificates to those who have been with us for more than 50 per cent of the total number of visits in a particular academic year.

MADRAS MEDICAL COLLEGE ATHLETIC CLUB.

Annual Report of the Madras Medical College Athletic Club for 1958-59.

It is great pleasure for me to present a brief report of the activities of the Athletic club for the year 1958-59. Despite many initial handicaps, it must in all fairness be admitted that our representatives in Sports and Athletics have acquitted themselves creditably. We can really be proud that these results have been achieved in the fields of games and sports amidst excessive curricular activities, since you all know well that medical education leaves little time for concentration on what are normally considered the bare essential of out-door life.

Foot-ball.—Bad luck dogged foot-ball in the beginning stages of the Inter-Collegiate League matches. The Captain Sam. D. Willie did his best with other team matches to save the team from utter collapse. This year our college team secured the Wadi Memorial Shield. This match is usually played between Stanley and Madras Medical College.

Shanmughasundaram and Felix Soosai had the unique honour of representing the Madras University in foot-ball in the Inter-University Tournaments held in Madras. Though the University Team lost in the first round against Mysore, our college representative fared very well in the match.

Hockey.—Aduppa as Captain of the College XI did very well in the Inter-Collegiate League matches. The team won four matches out of six played in the Inter-Collegiate League Matches. They lost only one match and drew the other match.

Volley Ball.—The Volley Ball Team started the League matches very brightly under the Captaincy of M. Parthasarathy winning five matches out of six played and they only lost to Loyola College who are the winners of the League Championship. Parthasarathy, Bhaskaran, Umanandan and Ramananda Kamath did well in the offence line and Kishore and Amaresan fared well in the defence line.

Basket Ball.—Though the Basket Ball Team is one of the best among the City College Teams, they could not secure any Trophy due to bad luck. Our team fared very well in the Inter-Collegiate League matches and lost to Loyola College only by few points. Our team reached the semi-finals in the Open Basket Ball Tournament conducted by the Vepery Y.M.C.A.

Cricket.—The College Cricket Captain, Gopinath, with the Assistance of his team-mates started brightly the Inter-Collegiate League matches winning all the initial matches. I have great pleasure to record that Vasudeva Rao and Janardhana Rao, both selected for the Madras University Team. Vasudeva Rao was also

selected for the Madras District Team to participate in the Inter-District Cricket Tournaments. He fared well almost in all the matches securing large number of runs for our team. The batting honour this year goes to Vasudeva Rao and the bowling honour goes to Janardhana Rao. I think with the new additions of T. M. Murari, Balachandran, etc., our team may fare well next year.

Badminton.—The College Badminton Team under the Captaincy of V. L. Govindarajan fared well in the Loyola College and Stanley Medical College Tournaments.

Tennis.—The College Tennis Team did extremely well under the Captaincy of B. S. Santhavadanan in the Inter-Collegiate League matches securing the Krishnaswamy Rolling Cup for the League Championship. For this excellent performance the credit goes to Srinivasa Garga and B. M. Santhavadanan.

We also secured the Chettinad Cup for singles and Nataraja Jatavallabhar Cup for doubles in the Annamalai University External Tournaments at Chidambaram.

This year for the Madras Medical College Tennis Tournaments for Dr. Ratnavelu Subramaniam's Rolling Cup for Doubles and Sri K. A. Ninan's Rolling Cup for singles we got eleven entries and twenty-two entries, respectively. I would like to mention here this year the Annamalai University Teams also participated in our tournaments. Our Doubles pair Srinivasan and Santhavadanan came out successfully by securing Dr. Rathnavelu Subramaniam's Rolling Cup and in Singles, Srinivasan lost in the Finals. The Medical pair were also runners-up in the Loyola College Tournaments Doubles.

Athletics.—A notable event in this year's activities is the Pentangular Athletic Meet for the Five Medical Colleges of this State at Vellore. A team of 43 students participated in the Athletic Meet. Our team was placed second by securing 66 points. Our Colleges Badminton Mixed Doubles Team and the Tennis Staff Doubles Team retained the trophies. The credit goes to Shanmugasundaram and Rekha Roy and Dr. Sundaram and Dr. Mani, respectively. Our Volley Ball Team were runners-up in the tournament. In the Pentathlon event, Miss Pamila Broughton gave tuff fight to the winners, Miss Sulochana of Vellore Christian Medical College. She was runner-up in the event. The credit goes to the Athletic Captain Satyakumar. This athletic team is strengthened by the addition of T. M. Murari, Charles Hobdey and Pamila Broughton.

Women section.—Miss Rehmathunnisa, the Ladies Sports Secretary did her best in the work of this section assigned to her. The Throw Ball Team won few matches in the Inter-Collegiate league matches.

The Tennikoit team also fared well in the Inter-Collegiate League matches.

Sports tour.—During the Pongal holidays, the College Team, Cricket and Volley Ball in the Men side and Ball Badminton and Tennikoit in the Ladies side went on a short Sports Tour to Trivandrum to play a number of matches with the college and local teams. The cricket team came out successfully by winning all the matches. We are grateful to the Principal, Dr. Thangavelu, Trivandrum Medical College, for giving a rousing reception and touching farewell.

General remarks.—We take this opportunity to thank our President, Dr. R. G. Krishian, for his able guidance and help extended at all times. I would also like to mention that the Honorary Treasurer, Dr. Harirajan was also very helpful at all times carrying out the activities of the Athletic Club successfully. Our staff representatives, Dr. M. Asirvatham and Dr. C. W. Chacko were always in our side and they were prepared to help us whenever we approached them. The support we are receiving from the college authorities, viz., the Dean, Vice-Principal and the Lay Secretary and Treasurer, we hope with confidence for better sports activities for the ensuing year.

In conclusion I may say of this year's sports activities have been fairly successful throughout. I would like to mention the help rendered by the students sports Secretaries, T. K. Subramaniam and Rehmathunnisa and the respective Captains of the teams who have contributed their best to make the sports activities of the year a success.

Names of Distinguished Visitors who visited the Madras Medical College, Madras, during 1958-59.

1. Dr. Harry Platt, Orthopaedic Surgeon and lately President of the Royal College of Surgeons, England, visited Madras Medical College, Madras, during November 1958.

2. Professor F. H. Smirk, Professor of Pharmacology and Medicine in the Medical School at Dunedin, New Zealand, visited India under Colombo Plan and visited Madras Medical College during 8th to 18th November 1958.

3. Dr. R. Lowry Dowbson, Chief Medical Adviser, Radiation and Isotopes, W.H.O., visited Barnard Institute of Radiology, Government General Hospital, Madras, during 9th to 16th December 1958.

4. Dr. A. Vulatio, Adviser on Public Health (Community Development), W.H.O., visited Government General Hospital and Poonamallee Health Unit, during December 1958.

5. Four delegates from Japan (Doctors), visited Hygiene Department, Madras Medical College, Madras, during December 1958.

6. Dr. M. Zoriassatein, Director-General of Medicine and Public Health, Laboratories in Iran, visited V.D. Department, Madras Medical College, from 22nd to 24th December 1958.

7. Professor E. Husfeldt, Professor of Surgery, University of Copenhagen (Denmark), visited Madras Medical College, during 1st to 6th January 1959.

8. Professor J. A. R. Miles, Professor of Microbiology, University of Otago, New Zealand, visited Madras Medical College, Madras, during February 1959.

9. Docteur Caix, Professor of Anatomy, Medical College, Pondicherry, Professor Seneque, Professor of Surgery of Paris University and a visiting Professor of Surgery at Pondicherry Medical College and Dr. Paviot, the new Professor of Medicine, visited Madras Medical College, Madras and Department of Medicine, Surgery and Anatomy on 25th February 1959.

General.—During the year under report, Diploma in Clinical Pathology and Diploma in Anaesthesia courses affiliated to Madras University were started in this college. Diploma in Orthopaedic Course was also instituted in this college during the year.

2. The Institution of D.G.O. Course of Madras University at the Kasturba Gandhi Hospital was approved by the University of Madras and Government and the course was started at this college for the session commencing from April 1959.

3. The annual prize distribution of this college for the year 1957-58 was celebrated in October 1958, and prizes due to all the students were distributed by Sri Bishnuram Medhi, Governor of Madras, who presided on the occasion.

4. Short Term Technician course of six month's duration for the first batch of trainees was started on 1st February 1959. Ten candidates were admitted to the course.

5. The building schemes sanctioned for the college under Second Five-Year Plan are in good progress. It is hoped that construction of the buildings will be completed by the end of the Second Plan period.

6. Statement of receipts and expenditure of the college for the year :

Receipts.—Rs. 2,83,219.

Expenditure.—Rs. 22,72,142.

Special features.—(1) The Committee formed at Chidambaram to commemorate the services rendered to the public by Dr. P. S. Venkatesan Pillai, expressed desire to institute a prize at the Madras Medical College, and offered a sum of Rs. 1,000 for the award of prize from the interest accrued thereon to the student who secured the highest number of marks in an examination in Tropical Medicine. This will be placed before college council this year for its acceptance.

(2) Mrs. Florence Adelaine Chalke, wife of late Dr. Edmund Larede Chalke, M.D., had left a will bequeathing a sum of rupees 11,174.43 to the Madras Medical College, Madras, for the institution of an endowment to award a medal or scholarship to be named after her late husband Dr. Edmund Larede Chalke, M.D. This was accepted by the College Council and a scheme for the award of prizes from out of the interest accruing to Post-Graduates in Medicine, Surgery and Midwifery was drawn up and the same forwarded to the Director of Medical Services for obtaining approval of Government.

(3) The donors of Dr. P. Ratnaswamy Memorial Fund, have offered an Endowment of Rs. 1,000 to award a prize from out of the interest accruing thereon in the name of Dr. P. Ratnaswamy. The College Council accepted the offer and decided to award the prize to the final M.B.B.S. Regular student who obtains the highest number of marks in the sessional examination in "Social and Preventive Medicine". The Government have also approved the scheme.

Under the Second Plan, the Government of India have been pleased to open a sub-post office within the premises of the college for the use of the college and the attached Government General Hospital. Necessary accommodation and facilities were afforded by this college for the same.

The size of the playground of the college has considerably been reduced on account of the building programme which has come into existence under the Second Plan Scheme within the campus of this college. Therefore the problem of finding an extensive playground for use by the students of this college was engaging our attention. At the Graduates reception of this college in 1958, over which Sri Bishnuram Medhi, Governor of Madras, presided—the students made a representation for making available the Ordnance grounds which is in the vicinity of the college for use as playground. The Governor was kind enough to promise to consider this question. The Annual Sports Day of the College was presided over by Sri V. K. Krishna Menon, Union Minister for Defence, Government of India. A special representation was made to him for making available the Ordnance ground for use by the Dean. With the

ADMINISTRATION REPORT OF THE
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kind help of Sri Bishnuram Medhi, Governor of Madras, Sri V. K. Krishna Menon, Union Defence Minister and the Area Commander and other concerned officers of the Defence Department, the playground has been made available for use by the students of this college.

The working of the college continued to be progressive and very satisfactory during the year under report.

R. S. KESAVARAJ,
Dean, Madras Medical College, Madras.



EDUCATION AND PUBLIC HEALTH DEPARTMENT.
(Health)

G.O. No. 935, 25th March 1960

Medical Colleges—Madras Medical College, Madras—Administration Report for 1958-59—Recorded.

READ—the following paper :—

From the Director of Medical Services, Madras, dated 24th November 1959 and 13th February 1960, No. 112465-G/59.

Order—No. 935, Health. dated 25th March 1960.

Recorded.

2. *Admission and strength.*—The number of admissions to the Pre-professional course leading to the M.B.B.S. course continued to be 135 as in the previous year. The total strength of the students in the College during the year under report is 1,143 including those newly admitted to the courses conducted in the College.

3. *Research.*—Research and investigation work were carried on as usual in the various departments of the College followed by publications.

1. *Expenditure.*—The net cost to the Government on the maintenance of the College during the year under report was Rs. 18,32,831 (the expenditure and receipts being Rs. 21,16,050 and Rs. 2,83,219 respectively) as against Rs. 10,06,228 for the previous year.

5. General.—The working of the College continued to be satisfactory.

(By order of the Governor)

K. SRINIVASAN,
Secretary to Government.

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- „ Director of Public Health, Madras.
- „ Accountant-General, Madras (2 copies).
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- „ Superintendent, Government Museum, Madras.
- „ Officer in-charge of State Administration Report, Public Department.
- „ Secretary, Madras Public Service Commission, Madras
- „ Director of Statistics.
- „ Controller of Stationery and Printing (with the report in original).
- „ University of Madras.
- „ Annamalai University.
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