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ADMINISTRATION REPORT OF THE MADRAS MEDICAL COLLEGE, MADRAS, FOR THE YEAR 1960-61.

I. APPOINTMENTS AND TRANSFERS.

1. Dr. (Kumari) A. B. Marikar, Lecturer in Obstetrics and Gynaecology, Madras Medical College and Superintendent, Kasturba Gandhi Hospital for Women and Children, appointed as Lecturer in Clinical Obstetrics and Gynaecology, Madras Medical College, joined duty with effect from 18th June 1960 forenoon.

2. Dr. (Kumari) A. Sita Ratna, appointed as Additional Professor of Obstetrics and Gynaecology, Madras Medical College and Obstetrician and Gynaecologist, Kasturba Gandhi Hospital with effect from 5th July 1960.

3. Dr. M. N. Ganapathy, Assistant Professor of Forensic Medicine appointed as Professor of Forensic Medicine with effect from 4th August 1960 forenoon.

4. Dr. T. Janardhanan, Professor of Anatomy and Vice-Principal, Madras Medical College, who was appointed as Director, Institute of Anatomy, Stanley Medical College, was relieved of his duties on 9th September 1960 afternoon.

5. Dr. M. M. Cooper, Associate Professor of Histology and Embryology, Stanley Medical College appointed as Professor of Anatomy, Madras Medical College, Madras, with effect from 12th September 1960 afternoon.

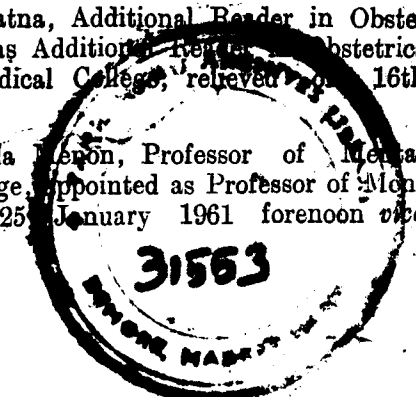
Dr. N. R. Ratnakannan, Professor of Bacteriology took charge as Vice-Principal, Madras Medical College, Madras, with effect from 9th September 1960 afternoon.

7. Dr. A. S. Thambiah, Assistant Professor of Venereal Diseases, Madras Medical College, appointed to act as Reader in Dermatology, Madras Medical College, with effect from 13th September 1960 forenoon.

8. Dr. (Srimathi) S. Abraham, on return from leave was appointed as Additional Reader in Obstetrics and Gynaecology, Madras Medical College, on 16th September 1960 vice Dr. (Kumari) A. Sita Ratna.

9. Dr. (Kumari) A. Sita Ratna, Additional Reader in Obstetrics and Gynaecology, posted as Additional Reader in Obstetrics and Gynaecology, Stanley Medical College, relieved on 16th September 1960 forenoon.

10. Dr. (Kumari) M. Sarada Menon, Professor of Mental Diseases, Stanley Medical College, appointed as Professor of Mental Diseases with effect from 25th January 1961 forenoon vice Dr. T. George transferred.



11. Dr. V. Sankaran, Reader in Principles and Practice of Surgery, Madras Medical College, posted as Reader in Surgery, Madurai Medical College for teaching the students of Thanjavur Medical College, relieved at this college on 2nd March 1961 forenoon.

12. Dr. M. S. Ramakrishnan, on return from deputation from abroad, appointed as Professor of Principles and Practice of Surgery, Madras Medical College, with effect from 2nd March 1961 forenoon.

13. Dr. A. T. John, Professor of Paediatrics, Stanley Medical College, was holding full additional charge of the post of Director, Institute of Paediatrics, with effect from 25th March 1961 to 18th May 1961 afternoon in place of Dr. S. T. Achar, granted leave.

14. Dr. (Srimathi) S. Abraham, Additional Professor of Obstetrics and Gynaecology, Madras Medical College and Superintendent, Karturba Gandhi Hospital was relieved of her duties on 23rd May 1961 afternoon to proceed on retirement.

15. Dr. (Kumari) A. Sita Ratna, Additional Reader in Obstetrics and Gynaecology, Stanley Medical College, appointed as Additional Professor of Obstetrics and Gynaecology with effect from 23rd May 1961 forenoon.

16. Dr. K. Bhaskar Rao, Associate Professor of Obstetrics and Gynaecology, Madras Medical College transferred as Associate Reader in Madurai Medical College, relieved on 21st May 1961 forenoon.

17. Dr. N. Rajasekharan appointed as Associate Reader in Obstetrics and Gynaecology, Madras Medical College, with effect from 24th May 1961 forenoon.

18. Dr. B. M. Venugopal Shetty, Associate Professor of Pathology (Gynaecology), Madras Medical College and posted as Professor of Pathology, Madurai Medical College for teaching the students of Thanjavur Medical College, relieved on 12th June 1961 afternoon.

19. Dr. (Kumari) Grace Swamidasan, Professor of Pathology, Madurai Medical College for teaching the students of Thanjavur Medical College, appointed as Associate Professor of Pathology (Gynaecology), Madras Medical College and Pathologist, Institute of Obstetrics and Gynaecology, Government Hospital for Women and Children, Madras, with effect from 29th June 1961 forenoon.

20. Dr. D. Harirajan, Professor of Operative Surgery, Madras Medical College, posted as Professor of Surgery, Stanley Medical College, relieved of his duties on 5th June 1961 forenoon.

21. Dr. M. S. Ramakrishnan, Professor of Principles and Practice of Surgery, Madras Medical College, appointed as Professor of Operative Surgery, Madras Medical College, appointed as Professor of Operative Surgery, Madras Medical College with effect from 5th June 1961 forenoon.

22. Dr. K. N. Vasudevan, Professor of Surgery, Madurai Medical College, appointed as Professor of Principles and Practice of Surgery, Madras Medical College with effect from 5th June 1961 forenoon.

(b) RETIREMENT.

Dr. J. Eapen, Lecturer in Dermatology, Madras Medical College (Supernumerary Civil Surgeon), retired on superannuation on 9th December 1960 forenoon.

(c) DEPUTATION.

1. Dr. K. Ramachandran, Professor of Dental Surgery, Madras Medical College, who was deputed for undergoing higher studies abroad under a Fellowship under the Colombo Plan with effect from 26th November 1960.

2. Dr. V. Balagopal Raju, Reader in Paediatrics, Madras Medical College, proceeded on deputation under W.H.O. Fellowship for higher training in Australia for four months from 27th January 1961 afternoon to 25th May 1961.

3. Dr. K. N. Vasudevan, Professor of Principles and Practice of Surgery, proceeded on short study tour abroad, with effect from 6th June 1961.

4. Dr. J. E. Abraham, Additional Professor in Ophthalmology, Madras Medical College, relieved of his duties on 30th June 1961 afternoon to enable him to proceed abroad, on short study tour in the United Kingdom.

II. STRENGTH.

There were 1,605 students on the rolls of the College during the year under report including those newly admitted during the year 1960-61 to various courses in this College.

Postgraduate Students (University Degree) and Diploma Courses.

	Men.	Women.	Total.
M.D. (All Branches)	13	13	26
M.S. (All Branches)	24	9	33
D.G.O.	..	24	24
D.O.	2	1	3
D.L.O.	2	Nil.	2
T.D.D.	3	..	3
D.M.R.	3	1	4

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	Men.	Women.	Total.
D.A.	2	..	2
D.C.P.	Nil.	Nil.	Nil.
D. Ortho.	2	Nil.	2
B.S.Sc.	4	..	4
D.Ch.	7	5	12
D.V.	1	..	4
D.G.O. (at K. G. Hospital)	..	1	1
			120

Under-Graduate Degree Course.

M.B.B.S.	663	264	927
B.D.S.	90	6	96
B. Pharmacy	51	..	51
I Year Integrated M.B.B.S.	103	..	103

Government Diploma for Certificate Course.

Diploma in Maternity and Child Health.	..	..	..
L.P.H.	..	..	..
Sanitary Inspectors	97	2	99
D. Pharmacy	177	8	185
C.R.A.	20	..	20
D.R.A.	4	..	4

The strength of the Refugee students studying in this College is 7.

III. RESULTS.

(a) The percentage of passes in the Final M.B.B.S., Examination during the last 3 years is as follows:—

1958-59	50.6 per cent.
1959-60	53.7 „
1960-61	58.03 „

(b) The percentage of students who passed regularly in all the examinations from first to final year M.B.B.S. thus completing the course within the minimum period of 4½ years is as follows:—

1958	23.7 per cent.
1959	27.3 „
1960	33.5 „

(c) Details of the results subjectwise in the M.B.B.S. Examinations held during 1960-61 are furnished in Annexure I.

(d) Twenty students were admitted to I.B.D.S. Integrated course in July 1960. Ten candidates appeared for the Final B.D.S. Examination held in April 1961 and 6 passed. Thirteen students were admitted to I-B. Pharmacy course during 1960-61. Eleven candidates appeared for the Final B. Pharmacy Examination in April 1961 and 4 passed out.

(e) The following will indicate the results in the Post-graduate Degree and Diploma Examinations:—

Degree Courses (March 1961 Examination).

Subjects.	Number appeared.	Number passed.
M.D. Branch I (General Medicine)	5	Nil.
M.D. Branch II (Midwifery)	6	3
M.D. Branch III-B (Bacteriology)	Nil.	Nil.
M.D. Branch III-A (Pathology)	Nil.	Nil.
M.S. Branch I (General Surgery)	9	2
M.S. Branch II-A (E.N.T.)	3	1
M.S. Branch II-B (Ophthalmology)	2	Nil.
M.S. Branch II-D (Gynaecology)	4	Nil.

Diploma Courses (University) April 1960 and October 1960 Examinations.

Diploma in Ophthalmology	6	2
D.L.O.	3	1
D.R.	8	7
D.C.P.	2	2
D. Ortho.	3	2
D.V.	4	4
D.C.H.	11	8
D.G.O.	27	18
T.D.D.	4	4
D.A.	2	2

Diploma Courses (Government).

B. Pharmacy	69	50
S.I.	61	24
C.R.A.	18	12
D.R.A.	8	7
Diploma in Maternity and Child Welfare.	..	..

IV. AWARD OF SCHOLARSHIPS.

There are 43 Endowments for the award of prizes and Medals for students who distinguished themselves in their studies for various courses conducted in this College. There are six Endowments for award of six scholarships for deserving students of this College. The total amount of Government of India Scholarship and Government of Madras Harijan Welfare Scholarship disbursed to the students of this College is Rs. 1,61,868 and Rs. 76,838, respectively. The details of the award of Government of India Scholarship and Government of Madras Harijan Welfare Scholarship granted to various courses are furnished in Annexure II.

V. RESEARCHES.

During the year under report a number of research schemes were in progress in the various departments of this College in addition to publication of a number of original articles. A list of these is given in Annexure IV. With the limited facilities available the research work under taken is highly satisfactory.

VI. LIBRARY.

1. Number of books added during the year 1960-61—860.
2. Number of periodicals received for the year 1960-61—330.
- Total number of books and periodicals at the end of the year 1960-61. 29,421
4. Total amount spent on books and periodicals for the year 1960-61 Rs. 60,000.

VII. PARTICULARS OF FOREIGN VISITORS.

The list of distinguished persons who visited this College from abroad and from other States in India is furnished in Annexure III.

VIII. THE ANNUAL REPORT OF THE MADRAS MEDICAL COLLEGE ATHLETIC CLUB FOR 1960-61.

(1) This year on the whole, was not such a success as last year. In the Inter-collegiate tournaments, the Madras Medical Team represented by Mr. Srinivasan and Mr. Anandakrishnan won the Krishnamoorthy Rolling Cup for the League Championship. Foot-Ball Team retained the Janakiraman Memorial Shield this year also. Even though the Madras Medical College teams like Cricket, Hockey, Basket-Ball, Foot-Ball, etc., are acclaimed by one and all as one of the best collegiate combinations, they failed narrowly in almost all the games to reach the final. However we had the unique privilege of providing the State and University

some of outstanding players. Mr. T. Vasudeva Rao and Mr. Chen Ben Chai have represented Madras in Cricket and Weight Lifting respectively. The following players have been selected for the Madras University Teams:—

- Janardhana Rao—Cricket.
T. A. Thirumalaiswamy—Basket-Ball.
Felix Soosai and Chendrasekaran—Foot-ball.
T. M. Murari—Cricket.

(2) In contrast to the Men's team, the Ladies fared extremely well in all the games and sport. The Table Tennis team won the Inter-Collegiate League Championship. The Ladies Tennis Team won the Divisional Championship. The College had the unique honour of providing the University the Captain of the Table Tennis Team Miss Snehalatha Sambandam, Miss Pamela Broughton and Miss Jennet Marley have been selected for the Madras University Athletic Team. Miss Shanatha Kumari has been selected to represent Madras University in Tennis. The Ladies Athletic Team also did very well this year securing the maximum individual points for the college (20) during the Inter-Divisional Sports.

(3) During the Christmas vacation, the College Hockey, Volley Ball, Throw Ball, Table Tennis, etc., teams went on a Sports tour to Calcutta. They won in all the matches played in Volley Ball, Hockey, Table Tennis, Tennikoit, etc.

(4) Even though the performance of the Madras Medical College team in the Inter-Collegiate League was not upto expectations. They have done extremely well during the Inter-Medical Sports meet conducted by the Madurai Medical College. Miss Pamela Broughton won the Pentathlon event and Mr. T. M. Murari came second in the Decathlon event. They won in Volley Ball, Tennis Staff Doubles, Tennis singles and runners-up in Badminton, Tennis (Mixed doubles) and Basket-Ball. The College lost the championship narrowly and hope to win the championship this year.

IX. ADMINISTRATION REPORT ON THE 6TH MADRAS MEDICAL COY. N.C.C.

(1) *Enrolment and Discharge*.—Consequent on the increase in the strength of the Cadets of this Unit the authorised strength is 120 viz., Madras Medical College, 60 and Stanley Medical College, 60. Even though the response for enrolment was satisfactory, it is felt that it may not be possible to maintain the strength of 120 cadets. Efforts are being taken to complete the deficiencies during the current academic year.

(2) *Training*.—Training for the year 1960-61 has been completed as per the Block Training Programme. Parades were held

once in a week, i.e., Sunday (Morning) 3 parades, i. e., 6 periods, —each period of 40 minutes duration.

(3) *Camps annual training.*—The Annual training Camp of this Unit was held at Ibalur (Bangalore) from 24—12—1960 to 6th January 1961. Medical N.C.C. Unit from Kerala also participated in the Annual Training Camp along with this Unit. V.I.Ps. both Army and Civil visited the Camp, appreciated the smart turn-out of the Cadets and cleanliness of the Camp Area. This year the combined cadre and Social Service Camp was held at Tirupurankundram (Madras State) from 1st May 1961 to 14th May 1961. The camp was run by O.C. (8) (M) Bn. N.C.C. One N.C.C. officer and 19 cadets of this Unit attended.

The All-India Summer Training Camp for advanced Leadership Course was held at Khadakwasla from 9th May 1961 to 22nd May 1961. Sgt. Mohan Dass from Madras Medical College has undergone the course at Khadakwasla.

General.—Dr. P. M. Ratnasabapathy of Madras Medical College, has been commissioned as Lieutenant in the National Cadet Corps, Army Wing (Medical) to fill up the vacancy caused by the relinquishment of Lt. N. Padmanabhan.

X. REPORT OF THE ACTIVITIES OF THE MEDICAL RELIEF WING, MADRAS MEDICAL COLLEGE, MADRAS, FOR THE YEAR 1960-61.

(1) The centre of activity of the Medical Relief Wing continued to be Pallikaranai, a village situated six miles away from Saidapet in Chingleput district, for the fifth consecutive year. The same high standards of service are being maintained with the ever-increasing enthusiastic support of our student volunteers and the helpful co-operation of the Nursing Staff of the General Hospital under the able guidance of Miss Chakrapani.

(2) The attendance continued to be about 250 to 300 cases, some of whom come from villages 8 to 10 miles away. Most of the cases as in any other O.P. were minor ailments like P.U.O. Myalgia, injuries, scabbies, etc. These cases requiring immediate hospitalisation were brought to General Hospital. Cases that needed fuller investigations and institutional treatment but which were not emergencies were referred to General Hospital, Ophthalmic Hospital, Women and Children Hospital, etc., as the case may be.

(3) The Relief Wing is running a Leprosy Clinic where a record is maintained of all the Leprosy patients which aids them to receive uninterrupted and steady Sulphones therapy according to a schedule recommended by our Professor of Medicine. Out of a fairly large number of patients, at least 80 have been attending with unfailing regularity week after week throughout the year.

(4) The Relief Wing has also got a Dental Clinic where some of the final B.D.S., students have quite successfully been treating minor dental ailments. In cases where it is absolutely necessary, extractions have been performed with the least amount of pain under effective local anaesthesia, so that the residents of Pallikaranai have no longer the proverbial fear of the Dentist.

(5) It is pleasing to note that today's mothers were becoming increasingly conscious of the need for proper child care with the result that the majority of cases attending the O.P. at Pallikaranai were children. Most of them suffer from Avitaminosis or skin conditions like scabies and impetigo. In addition to treating such conditions care is taken to advise the mothers regarding adequate diet and proper hygienic measures.

(6) During the Cyclone that affected Madras in November 1960, the Relief Wing in addition to its regular work, did Flood Relief work at Namasivayapuram, a place situated one mile away from Nungambakkam.

(7) With a view to encourage and also to recognise the keen enthusiasm of our student volunteers it was decided to issue certificates of service to those who have been with us for more than 50 per cent of the total number of visits in a particular academic year. The fact that 22 students are receiving certificate this year (a record number) show the increasing enthusiasm of our student volunteers.

XI. FINANCE.

The receipts and expenditure of this College during the year 1959-60 and 1960-61 are follows :—

Years.	Receipts.		Expenditure.	
	RS.		RS.	
1959-60	2,89,500		19,35,058	
1960-61	2,64,800		20,63,452	

XII. SPECIAL FEATURES.

(1) The admission to B. Pharmacy Degree course was increased from 15 to 25 during the academic year 1960-61.

(2) Dr. K. M. Rai, retired Director, Barnard Institute of Radiology and Professor of Radiology, Madras Medical College, gave an Endowment of Rs. 1,500 for the award of a Gold Medal to the Final M.B.B.S. students who secure the highest number of marks in Radiology in a written and oral examination conducted by the Professor of Radiology for the purpose.

(3) The Diploma in Radiology course of 21 months duration has been abolished from April 1961 and in its place D.M.R. (Diagnosis) and D.M.R. (Therapy) courses of 12 month duration have been started from April 1961 with the approval of the University.

(4) Diploma course in Criminology and Forensic science under Medical Faculty with an admission strength of 12 students was started from October 1960.

(5) All the building schemes sanctioned under the Second Five-Year Plan have been completed and most of them have been occupied too.

(6) The working of the college continued to be progressive and satisfactory in the year under report..

ANNEXURE I.

1960-61.

	Regular.	Additional.
I. M.B.B.S.		
Anatomy—		
Number appeared	139	43
Number passed	62	20
Percentage	45.32	46.67
Physiology—		
Number appeared	139	34
Number passed	62	22
Percentage	44.60	64.70

Organic Chemistry—

Number appeared	139	40
Number passed	61	22
Percentage	43.88	55

II. M.B.B.S.

Pharmacology—		
Number appeared	123	31
Number passed	62	23
Percentage	50.41	74.19

Pathology—		
Number appeared	123	30
Number passed	103	28
Percentage	83.74	93.33

Forensic Medicine—		
Number appeared	123	24
Number passed	62	21
Percentage	50.41	87.5

	Regular.	Additional.
Final M.B.B.S.		
Ophthalmology—		
Number appeared	135	15
Number passed	119	11
Percentage	88.14	73.33
Medicine—		
Number appeared	126	61
Number passed	86	31
Percentage	68.25	50.82
Surgery—		
Number appeared	126	55
Number passed	84	31
Percentage	66.67	56.36
Midwifery—		
Number appeared	126	63
Number passed	86	35
Percentage	68.25	55.88
Social and Preventive Medicine—		
Number appeared	126	34
Number passed	86	14
Percentage	68.25	41.18

ANNEXURE II.

Government of India Scholarship, 1960-61.

Name of course.	Scheduled Caste and Scheduled Tribes				Other Backward classes.			
	Men.	Women.	Total.	Amount paid.	Men.	Women.	Total.	Amount paid.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				RS.				RS.
M.B.B.S. ..	74	7	81	55,165	99	42	141	99,662
B.D.S. ..	..	..	..	..	2	..	2	1,844
B. Pharmacy ..	..	..	..	..	1	..	1	793
D. Pharmacy ..	2	..	2	1,416	..	..	..	..
S.I. ..	8	..	8	2,988	..	..	..	..

Harijan Welfare Scholarship, 1960-61.

M.B.B.S. ..	46	5	51	10,439	80	13	93	42,849
B.D.S. ..	..	..	..	..	8	1	9	3,716
B. Pharmacy ..	..	..	..	..	3	..	3	1,431
D. Pharmacy ..	..	..	..	..	3	..	3	1,235
S.I. ..	1	..	1	118	44	..	44	10,470
M.S. ..	..	..	..	..	1	..	1	520

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ANNEXURE III.

FOREIGN VISITORS.

During the year under report the following distinguished visitors visited this College:—

(1) Dr. Jean Henrotte, a Belgian Doctor, worked in this college from July 1960 to 25th June 1961 in collaboration with the Professor of Physiology and Biochemistry, for doing certain investigations on Indian subjects for finding the normal Sodium, Potassium and Glucose Values in Blood for the purpose of International standardization.

(2) Dr. William L. Nute, Junior Director of the Department of Social Paediatrics, Research Institute for Child Health, University of Ankara, Turkey, visited the Institute of Paediatrics, Madras Medical College, Madras, on 10th May 1961.

(3) Dr. Gregory Pincus, Director of Worcester Foundation for Experimental Biology, Sherawbury, Massachusetts, U.S.A., visited this college and delivered a lecture on the subject of "The control of Ovulation" on 14th March 1961.

(4) Z. Pejfar, Chief, Cardiovascular Diseases Division, W.H.O. Headquarters, Geneva, visited this College during his stay in India in order to contact and explore the possibility of Research in Cardiovascular diseases, on 10th and 11th April 1961.

(5) Dr. A. Lawrence Abel, F.R.C.S., one of the best known British Surgeons of the day, visited this college and addressed three meetings under the auspices of the Clinical Society of this college on 11th, 12th and 13th March 1961 and delivered lectures under the auspices of Dr. Sir A. Lakshmanaswami Mudaliar Endowment Lectureship in Medicine 1960-61 on the following subjects:—

(i) "Recent advances in the diagnosis and treatment of Cancer".

(ii) "Experiences with Chem-therapeutic Drugs by Radical perfusion for Cancer".

(iii) "Cancer of the breast"—Radical Mastectomy with Internal Mammary Chain.

(6) Dr. G. K. Balgobin, Mauritius, of the W.H.O. Fellowship visited this college on 27th February 1961.

(7) Dr. Donough O'Brien, M.D., M.R.C.P., Assistant Professor of Paediatrics, University of Colorado School of Medicine, Colorado, worked in the Institute of Paediatrics for three months from 13th February 1961.

(8) Dr. R. E. Clapp, W.H.O. Short Term Consultant visited this college on 16th January 1961.

(9) Dr. V. Poonosamy, a senior Medical Officer of Health with the department of Medical Services in Mauritius who was on a W.H.O. travel Fellowship to study Co-ordination of Preventive and Social Medicine, visited the Upgraded Institute of Venereology of this college on 23rd March 1961.

ANNEXURE IV.

PARTICULARS OF RESEARCH AND PAPERS PUBLISHED BY THE DEPARTMENTS OF THE MADRAS MEDICAL COLLEGE FOR THE YEAR 1960-61.

Pharmacology Department.—Research on "The Extract of Aegle Marmelos" (an indigenous tree grown all over in India) was conducted. A preliminary paper has been completed on this work and sent up for publication in the Indian Journal of Physiology and Pharmacology.

The following review articles have been contributed by the Professor of Pharmacology for the Indian Year Book of Medical Sciences and the same were published in the Indian Year Book of Medical Sciences, 1960-61 edition:—

- (1) Antithyroid Drugs.
- (2) Blood sugar lowering substances.
- (3) Diuretics Oral.
- (4) Ion Exchange Resins.

Pathology Department.—The following papers have been published during the year:—

- (1) Congenital Cystic Lung.
- (2) Haemangio Endothelioma of Oesophagus.
- (3) Tuberculoma of Spinal cord.
- (4) Tuberculoma of the Brain.

Bacteriology Department.—The following Research schemes were carried out under the auspices of the Madras State Research Committee during the year:—

- (1) "Antibody response in Chloromphenical treated cases of Typhoid".
- (2) In collaboration with the Venereal diseases department "A study of Non-Gonococcal Urethritis, clinical bacteriological, cultural and therapeutic".

Forensic Medicine Department.—Papers published:—

- (1) Pathology of Diabetis—Madras Clinical Journal 27 (6) 103 105, 1960.
- (2) Tumour of the chroid plexus and murder—"Antiseptic"—May 1961.

Researches.—(1) Evaluation of the estimation of anticholinesterase activity as a diagnostic procedure in cases of poisoning due to Orthophosphorous compounds (Insecticides).

(2) Examination of prepuceal smears as a diagnostic procedure in cases of alleged rape.

Mental diseases.—A paper on "Prochlorperazine in the treatment of Chronic withdrawn encephalitis" has been accepted for publication in the Journal of Indian Psychiatric Society.

Obstetrics and Gynaecology.—The following are the papers published during the academic year 1960-61:—

(1) The Hysterectomy problem—*Journal of Obstetrics and Gynaecology of the British Empire* L.X.VII. 4,585—1960.

(2) Reactions to intramuscular iron therapy in anaemia in pregnancy—*Journal of Obstetrics and Gynaecology of the British Empire* L.X. VII—October 1960.

(3) Hydrochlorthiazide in the management of pre-eclamptic toxæmia—*Journal of Obstetrics and Gynaecology of Indian*, Volume XI Nos. 3—March 1961.

Venereology Department—I. Research activities conducted.—

(1) A follow-up study patients with ocular syphilis treated during the period 1957-59 under the auspices of the Madras State Research Committee was commenced on 1st April 1960. The enquiry was terminated by the end of 31st March 1961.

(2) A co-operative study of the patients of the Mental Hospital, Madras, with reference to the role of syphilis as direct or indirect cause of mental diseases is being carried on as an enquiry under the I.C.M.R. The enquiry is being continued during 1961-62.

(3) With the co-operation of Dr. Schmidt of the State Serum Institute, Copenhagen, Denmark, a joint study was started on the reaction of STS and Treponemal antigen tests on leprosy sera, with a view to find out the incidence of Biological False Positive reactions on leprosy patients from the Leprosy department under Dr. S. Z. Ahmed were examined and lepromin test was done on them. Sera were taken and sent to the Copenhagen Institute.

(4) The T.P.I.A. test for syphilis sponsored by the I.C.M.R. is being carried on special cases where in addition to this test Wassermann, Kahn and VDRL are also performed.

(5) A therapeutic evaluation of ARISTAMIND in the management of Chancroids was completed.

(6) The increasing number of patients with *Trichomonas Vaginitis* and of Non-Gonococcal Urethritis in the male due to *Trichomonas Vaginalis* has promoted us to study the effect of Mapharside as douches and irrigations—completed.

(7) Problematic dermatologic cases referred to the Institute have been subjected to intensive clinical investigation, biopsy study and therapy. During the period under review 597 biopsies have been carried out.

(8) Pseudo-venereal diseases arising out of sexual deficiency have been suitably tackled.

(9) The treatment of syphilis in pregnant women with Chloromycetin.

(10) The treatment of syphilis in the nervous system with Achromycin V.

(11) The treatment of Venereal Granuloma with Reverin.

(12) Histopathological studies of lesions of Donovanosis to determine the epithelial changes suggestive of malignancy and the period at which such changes occur—under the auspices of the Madras State Research Committee was started on 15th October 1960 and is being continued.

(13) A study of Non-Gonococcal Urethritis, Clinical, Bacteriological cultural, therapeutic at the Institute of Venereology, Government General Hospital, Madras—under the auspices of the Madras State Research Committee was started on 1st November 1960 and is being continued.

(14) A clinical trial of Medikel in the management of chancroids and lymphogranuloma venereum.

(15) Routine examination of the night bloods for MF in patients admitted into the Institute.

Papers published or under publication:—

(1) Syphilis and Pregnancy—Published.

(2) Second General Syphilis—Published.

(3) V.D. other than Syphilis in women and children—Under publication.

(4) Venereal Diseases—Late phases and their management—Published.

(5) The puzzling problems in granulomas of venereal origin—Published.

(6) The price of Biologic False Positive reaction in the practice of Venereology—Published.

(7) Theponematoses—Its impact on the locomotor system—Published "Antiseptic".

(8) A paper entitled "Sex Education" read at the 29th All-India Women's Conference held at Madras during the last week of January 1960—Under publication.

(9) Sex Education and Venereal diseases—Lecture delivered to the Voluntary Welfare workers under the auspices of the Moral and Social Hygiene Association of India—Under publication.

(10) Cost of treatment in Dermato-Venereology—Under publication.

(11) Editorial on Plastic Surgery—*Madras Medical Journal*.

(12) A guide to House Surgeons—Published—*Medical Bulletin*.

Pharmaceutics Department.—A scheme of research on the "Investigation of the use of easily available indigenous vegetable products as binding and disintegrating agents in making compressed tablets" has been functioning in the department during the year.

1960-61 under the auspices of the State Research Committee. Two materials "Cissus Quadrangularis" and "Colocassia Esculenta" were tried under this scheme and the results is as follows:—

(1) The concentrated aqueous extract of Cissus Quadrangularis containing per ml. two grams of the fresh plant was found to be quite useful. But the high chlorophyll content discolours the product. Hence, it is suitable for making only tablets which are coated subsequently.

(2) The mucilage of Golocassia Esculenta representing per 1 ml. 1.5 gm. of the material and the dried pulp of the material after removal of the mucilage are found to be highly useful as binding agents.

Medicine Department.—Papers published:—

(1) A study of 100 cases of Coronary thrombosis—Indian Practitioner.

(2) A study of post myocardial infarction syndrome with three case reports—Indian Journal of Cardiology.

(3) Vertigo—A presenting symptom of Wucheriasis—Current Medical Practitioner.

(4) Tuberculous meningitis—A study of fifty-one cases in Madras by Dr. Arjundas and Professor of Medicine—Tubercle, London.

(5) Amphotericin B—In Kala Azar by the Professor of Medicine and Dr. K. Jayaraman—The Antiseptic.

Research is being carried on with regard to available drugs in the treatment of filariasis and estimation of catecholamine in hypertension cases.

Operative Surgery Department.—Paper published:—

"Hamangioma Liver treated by left hepatic lobectomy"—Indian Journal of Surgery in February 1961.



EDUCATION AND PUBLIC HEALTH DEPARTMENT.

(Health)

G.O. No. 494, 20th February 1962

Medical Colleges—Madras Medical College, Madras—Administration Report for 1960-61—Recorded.

READ—the following paper:—

From the Director of Medical Services Reference No. 188682
ME/61, dated 4th January 1962.

Order—No. 494, Health, dated 20th February 1962.

Recorded.

2. *Admission and strength.*—The number of admissions to the First Year Integrated M.B.B.S. course has been increased to 150 from 135 in the previous year. The annual admission to the pre-professional course leading to the B. Pharmacy Course has been increased to 25 from 15 in the previous year. The total strength of the students in the College during the year under report is 1,605 including those newly admitted to the courses conducted in the College as against 1,471 during the previous year.

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

4. *Expenditure.*—The net cost to the Government on the maintenance of the College during the year under report was Rs. 17,98,652 (the expenditure and receipts being Rs. 20,63,452 and Rs. 2,64,800 respectively) as against Rs. 16,45,558 for the previous year.

2 No. 494, HEALTH, 20TH FEBRUARY 1962.

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

(By order of the Governor)

K. SRINIVASAN,
Secretary to Government.

- To the Director of Medical Services.
- „ Director of Public Health.
 - „ Accountant-General, Madras-18.
 - „ Secretariat Library.
 - „ Public, Industries, Labour and Co-operation and Finance Department.
 - „ Library of Madras Legislature.
 - „ Director of Public Instruction.
 - „ Director of Harijan Welfare.
 - „ Director of Animal Husbandry.
 - „ Superintendent, Government Museum.
 - „ Officer in charge of State Administration Report, Public Department.
 - „ Secretary, Madras Public Service Commission.
 - „ Director of Statistics.
 - „ Controller of Stationery and Printing (for distribution of report in accordance with G.O. No. 442, Public Health, dated 29th January 1961.)
 - „ University of Madras (with covering letter.)
 - „ Annamalai University (with covering letter.)
 - „ Andhra University (with covering letter.)
 - „ Madras Chamber of Commerce.
 - „ South Indian Chamber of Commerce.
 - „ Librarian, Connemara Public Library.
 - „ National Library, Calcutta.
 - „ Central Public Library, Bombay.
 - „ Librarian, World Health Organisation, Palais des Nations.
 - „ Director-General of Health Services.
 - „ Secretaries to the Government of India, Ministry of Health and Education, New Delhi (with covering letter).
 - „ Secretary to the Government of Andhra Pradesh, Health, Housing and Municipal Administration Department, Hyderabad (with covering letter).
 - „ Secretary to the Government of Kerala, Health and Education Department, Trivandrum (with covering letter.)
 - „ Honorary State Secretary, Madras State Branch of Indian Medical Association, 63, Swami Naicken Street, Chintadripet, Madras-2.
 - „ Secretary, University Library, Cambridge, England (with covering letter).
 - „ Secretary, Medical Council of India, New Delhi (with covering letter).
 - „ Madras Record Office.

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