

# THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

## ADMISSION TO M.SC. (EPIDEMIOLOGY) COURSE -2023-24



### Objectives of the Course

- To equip with methods & quality in health science research
- To generate a team of professionals capable of providing consultancy in health science research methodology



### Eligibility

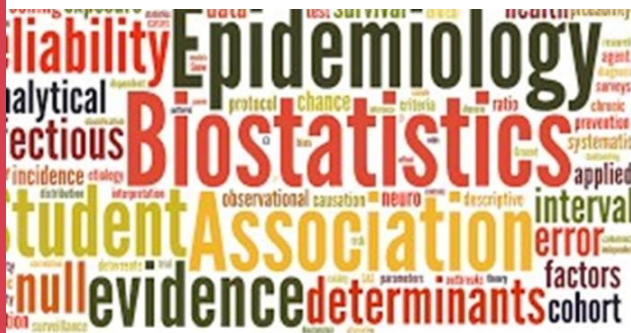
**MBBS/BDS/ B.A.M.S. / B.U.M.S. /B.H.M.S. /B.S.M.S. /B.V.Sc. / M.P.T. / M.O.T. /M.Pharmacy / M.Sc(Nursing)/M.Sc.Biostatistics/ Statistics/M.Sc.Nutrition/ Biochemistry / Physiology / Anatomy / Pharmacology / Microbiology or other equivalent Medical related M.Sc. Degrees**

### Opportunities & Placements

- Both in public and private health sectors
- Health system and Academic institutions
- Health policy and management (academic, manager, policy advisor/policy analyst)
- Disease prevention and control (public health physician, epidemiologist, surveillance officer, monitoring and evaluation coordinator, data manager, statistician).
- Health promotion (health educator, counselor, mass medical coordinator)

### Relevance

- This course aims at health professionals who are interested in Epidemiology and clinical or population-based research.
- This course will also benefit the candidates in various health related disciplines.
- Epidemiology is basically a quantitative science and will involve a fair amount of exposure to Biostatistics and use of computers.
- The M.Sc. programme will also equip the candidate with basic skills in health management, demography, relevant areas of behavioral sciences and health Economics.



### Partnership with Health Systems

The programme would tie-up with Directorate of Public Health and Preventive Medicine (DPHPM) and its extended facilities.

At the DPHPM the students will have an exposure to public health programmes that include National Health Mission, disease control/surveillance programmes.

The extended facilities include Institute of Public Health [IPH] (Poonamallee) Institute of Vector Control and Zoonosis (Hosur) and all the Public Health training institutes across the State .

The programme will have partnership with medical colleges and its clinic facilities.

### FOR FURTHER DETAILS

**Professor and Head,  
Department of Epidemiology,  
The Tamilnadu Dr.M.G.R. Medical  
University,  
69, Anna Salai, Guindy, Chennai - 32  
044- 22200713  
epid@tnmgrmu.ac.in  
Log on to : www.tnmgrmu.ac.in**

**THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY**  
**69, Anna Salai, Guindy, Chennai – 600 032, Tamilnadu**  
**[www.tnmgrmu.ac.in](http://www.tnmgrmu.ac.in)**

**Admission to**  
**Post-Graduate Degree in Epidemiology**  
**M.Sc. (Epidemiology)**

**PROSPECTUS (2023-2024)**

**P.G. DEGREE COURSE - M.Sc. EPIDEMIOLOGY**

**ADMISSION SCHEDULE FOR 2023-2024**

<b>S.No.</b>	<b>Details</b>	<b>Date</b>
1	Date of Posting of the Advertisement and Application Form in the University Website	<b>01.08.2023 (Tuesday)</b>
2	Last date for receipt of filled in Application Form completed in all respects ( <b>Both Offline &amp; Online</b> )	<b>26.10.2023 (Thursday)</b>

NOTE:

(A) If the date fixed/scheduled happens to be an unexpected holiday due to untoward incident, the next working day may be taken as a date for the above schedule

(B) The completed application form along with payment details can be submitted through online to the department email I'D [epid@tnmgrmu.ac.in](mailto:epid@tnmgrmu.ac.in) **OR**

(C) A hard copy of completed application form should be addressed to:

**Prof and Head**  
**Department of Epidemiology**  
**The Tamilnadu Dr.M.G.R. Medical University**  
**No.69, Anna Salai, Guindy, Chennai - 600 032**

(D) In the envelope please mention

**‘Application for admission to M.Sc. (Epidemiology) course – 2023-24’**

## **M.Sc. EPIDEMIOLOGY**

This course aims at health professionals who are interested in Epidemiology and clinical or population based research. This course will also benefit teachers in various health related disciplines. Epidemiology is basically a quantitative science and will involve a fair amount of exposure to Biostatistics and use of computers. The M.Sc. programme will also equip the candidate with basic skills in health management, demography, relevant areas of behavioral sciences and health Economics.

Master of Science in Epidemiology is a Two years programme.

Candidates will spend the 1<sup>st</sup> year at The Tamilnadu Dr.M.G.R. Medical University, Chennai undergoing training at the Department of Epidemiology, the Tamil Nadu Dr.M.G.R. Medical University, Chennai undergoing courses and would be exposed to Principles of Epidemiology and the application of the science in health related research. During the second year, candidates will work on their thesis, after approval of the protocol by the guide and the Head of the Department. The Head of the Department of Epidemiology can write to the colleges /institutions having facilities for project work through the Administrative Section / Registrar and get their consent in writing and then make arrangements for sending the students under intimation to the Controller of Examinations with prior approval of the Registrar. Such project work done by the candidate shall be certified by the Head of the Institution and forwarded to the Registrar after approval by the Head of the Department of Epidemiology. In original along with the daily attendance of the candidates for the purpose of calculation of attendance and Internal Assessment marks which is mandatory for the second year examination/evaluation. Report of work done should be sent to the Head of the Department of Epidemiology every month. The Faculty who train candidates for the M.Sc. Epidemiology course is drawn from many disciplines such as General Medicine, Community Health, Biostatistics, Epidemiology and Microbiology.

## **RULES AND REGULATIONS FOR ADMISSION**

### **M.Sc. EPIDEMIOLOGY**

Number of seats : Four  
Duration : Two years – Full time – Regular Course  
Timings : 10.00 A.M. – 5.45 P.M.

#### **Educational Qualifications:**

Candidates for admission to the 1<sup>st</sup> year Post Graduate Degree in Master of Science in Epidemiology should have passed any one of the following examinations recognized by the Tamil Nadu Dr .M.G.R. Medical University or any other University recognized as equivalent thereto. MBBS /BDS / B.A.M.S. / B.U.M.S. /B.H.M.S. /B.S.M.S. / MVSc / MPT /MOT/ M.Pharm / M.Sc (Life Sciences)

#### **OBTAINING OF PROSPECTUS, APPLICATION FORM ETC.,**

The Application Form and the Prospectus and enclosures can be downloaded from **01.08.2023** from the Website of The Tamilnadu Dr.M.G.R. Medical University ([www.tnmgrmu.ac.in](http://www.tnmgrmu.ac.in)). The duly filled in application complete in all respects along with a non-refundable application processing fee, including GST of **Rs.885/- (Rupees eight hundred and eighty five only)** through online mode / Demand Draft drawn on any nationalized bank in favor of **The Registrar, The Tamilnadu Dr.M.G.R. Medical University, payable at Chennai and Enclosures mentioned should reach The Head of Department, Department of Epidemiology , The Tamilnadu Dr.M.G.R. Medical University, Chennai – 600032 on or before 5.45 P.M. on 26.10.2023.**

**ENCLOSURES:**

1	Non-refundable Application Processing fee of Rs.885/- ( Online mode / or as a bank draft drawn in favour of the Registrar, The Tamil Nadu Dr.M.G.R. Medical University payable at Chennai.
2	Self-attested photocopies of: <ul style="list-style-type: none"><li>• Mark / Grade sheets of qualifying degree</li><li>• Provisional Pass Certificate</li><li>• Degree certificate of qualifying degree</li><li>• Transfer certificate from the institution last studied</li><li>• Migration certificate (if applicable)</li><li>• Permanent Registration certificate from respective councils (if applicable)</li><li>• Eligibility Certificate for admission to M.Sc.(Epidemiology) course obtained from The Tamil Nadu Dr.M.G.R. Medical University (for candidates from other universities)</li></ul>

**General Instructions**

- It is the responsibility of the candidates to see the details in the website as they are published time to time.
- All enquiries should be addressed to the Registrar, The Tamil Nadu Dr.M.G.R. Medical University, 69, Anna Salai, Guindy, Chennai – 600 032, Tamil Nadu.
- Original Certificates should NOT be sent along with the completed application forms. The university will not be responsible for the consequences of sending original certificates.
- Incomplete Application and Application without the specified enclosures etc. will be rejected.

**Selection Policy**

- ❖ Selection will be based on written entrance examination and an interview to be conducted to all the eligible candidates. The final selection will be made after interview.
- ❖ The candidate understands of and capacity to comprehend quantitative information, past academic performance, past experience and confidential reports from referees will be taken into consideration wherever necessary.
- ❖ Successful candidates will be provisionally selected for admission to the two years M.Sc. (Epidemiology) Degree course.
- ❖ Decision of the University/Selection committee will be final.

**At the time of interview/admission, the following certificates should be made available in original for verification.**

- Mark / Grade sheets of qualifying degree
- Provisional Pass Certificate
- Degree certificate of qualifying degree
- Transfer certificate from the institution last studied
- Migration certificate (if applicable)
- Permanent Registration certificate from respective councils (if applicable)
- Eligibility Certificate for admission to M.Sc.(Epidemiology) course obtained from The Tamil Nadu Dr.M.G.R. Medical University (for candidates from other universities)
- Service certificate issued by the Head of the Office in respect of the service candidates
- Certificate for Physical fitness by an authorized Medical Officer (at the time of admission).

**Last date for joining the course**

Those finally selected and medically cleared for admission will be required to join the M.Sc. Epidemiology course on or before 31.10.2023 (Tuesday) before 05.45 PM after paying the tuition fee and other fee for the first year of the course as mentioned.

**Fees payable for M.Sc. (Epidemiology)**

Candidates are instructed to get fees details from the Department of Epidemiology

**Note: The University candidates should pay Rs.500/-towards recognition fee in addition with admission fees.**

**Mode of payment of fees**

- Tuition fees should be paid through online gateway method.
- The University reserves the right to revise the tuition fee/exam fee from time to time.
- All fees once paid will not be refunded under any circumstances.
- If any candidate discontinues the course after one month of joining, is liable to pay the second year fees also before his / her relief / receipt of his / her original certificates.

**Duration**

The duration of the M.Sc. (Epidemiology) course is two years and the students should complete the course in 4 years of time, failing which he/she will be discharged from the course.

**Eligibility certificate**

The candidate, who has passed any qualifying examination other than the Tamil Nadu Dr. MGR Medical University, shall obtain an "Eligibility Certificate" from this University by

remitting the prescribed fee along with the application form and required documents before seeking admission to anyone of the affiliated medical institutions. The application form is available in the University website ([www.tnmgrmu.ac.in](http://www.tnmgrmu.ac.in)).

### **Attendance / Internal Assessment Marks required for admission to examinations**

- No candidate shall be permitted to appear in any one of the parts of M.Sc. (Epidemiology) course in Examinations unless he/she has attended the course in all the subjects for the prescribed period in as per the regulations of the University.
- Each candidate must produce the necessary certificate of attendance and internal assessment marks (IA) and satisfactory conduct from the Head of the institution to qualify for the examination.
- A candidate is required to put in the minimum required attendance both theory and practical separately in each subject before admission to the Examinations.
- A candidate lacking in the prescribed attendance / internal assessment marks (IA) in any one subject in theory and practical wherever necessary in the first appearance shall not be permitted for admission to the entire examinations.

### **Condonation of Lack of Attendance**

There shall be no condonation of lack of attendance.

### **Examinations:**

There shall be two examinations, one at the end of the I year and the other at the end of the II year. A candidate will be permitted to appear in second year examinations, only if he/she passes the first year subjects. The date(s) of examinations will be as per the university exam schedule.

### **Dissertation**

- Dissertation shall be submitted by the candidate three months before the final and second year examinations.
- If the candidate fails in the Written/Practical examination, but his/her dissertation is approved(passed), the approval of the dissertation shall be carried over to the subsequent examination.
- Two copies of the evaluation report of the dissertation will be submitted by the Examiners to the Controller of Examinations of this University.
- A candidate failing in either theory or practicals will have to reappear for theory, practicals and Viva voce to be able to clear the examination in subsequent attempt. However, the dissertation, if approved (passed), need not be submitted again.



**SCHEME OF EXAMINATION (M.Sc. Epidemiology) First Year: A. WRITTEN EXAMINATION:**

PAPERS	SUBJECT	TIME	MARKS	Passing Minimum
PAPER-1	Principles of Epidemiology and Biostatistics	3 Hours	100	50
PAPER – 2	Epidemiology of Diseases of Public Health importance and Disease Control	3 Hours	100	50
PAPER – 3	Epidemiological Methods in Health Management	3 Hours	100	50

Note: Candidates admitted without Medical or Nursing background will have to sit for one more paper i.e. Paper-IV-Biological Basis of Health for 100 marks.

**CANDIDATES WILL HAVE TO SECURE A MINIMUM OF 50 MARKS IN EACH PAPER**

**A. Practical** 3 hrs 100 (min 50%)

**B. Oral Examination** 100 (min 50%)

**C. Internal Assessment** 100 (min 50%)

Protocol of the research study that the candidate is planning to work on for the thesis must be submitted to the faculty by the end of 1<sup>st</sup> year. The written approval of the research protocol by the faculty is a pre-requisite for appearing in the part I Examination.

Minimum 90% attendance in all the prescribed courses is mandatory for the candidate to sit for the University Examination for all years of study of the course and no condonation shall be allowed and completion of work assignments with a view to obtain at least 50% of marks allotted under internal assessment is mandatory for the candidate to sit for the university examination.

**Second year:**

**PART II EXAMINATION:**

Defense of thesis/Dissertation. (Approval/Not approval).

Part II Examination will be held at the end of 2<sup>nd</sup> year; or 6 months after passing the part I, whichever is later.

## **ELIGIBILITY FOR THE DEGREE**

Candidates will be eligible for the Master of Degree in Epidemiology if they fulfill the following requirements;

- a) Pass in the written, practical and oral examination to be conducted at the end of the 1<sup>st</sup> year.
- b) Submission and satisfactory defence of a thesis/dissertation produced following bonafide work of the candidate at the end of the 2<sup>nd</sup> year.

**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY**  
**No.69, ANNA SALAI, GUINDY, CHENNAI –600 032.**

**POST GRADUATE DEGREE COURSE IN EPIDEMIOLOGY**  
**M.Sc. (EPIDEMIOLOGY) - 2023-2024**

**APPLICATION FORM**

Details of payment of fee (To be filled in by the Candidate)	For office use only
<b>Name / Place of the Bank:</b>	<b>Form No.:</b>
<b>Demand Draft /Challan No.:</b> <b>(D.D. / Challan/Online receipt should be enclosed)</b>	<b>Eligible / Not Eligible:</b>
<b>Date of Payment:</b>	<b>Verified by:</b>
<b>Amount Rs.:</b>	

1. Name of the candidate (in Block Letters & Initials at the end):

2. Date of Birth and Age :  
(Proof to be enclosed)

3. Address for Communication (with phone/mobile No./Email ID)

4. Permanent Address :

5. State of Domicile :

6. Sex :

7. Nationality and Religion :

Paste a  
self-attested recent  
Passport size  
Photograph

Do not Staple

8. Community :  
(Proof to be enclosed)

9. Name of Parent / Guardian / Husband :

10. Academic Qualifications:

S. No	Examination passed	Institution	University/year of passing	% of Mark Obtained
1	Matriculation			
2	Higher Secondary			
3	U.G. Degree			
4	P.G. Diploma (If any)			
5	P.G. Degree			

11. Name of the Central Council :  
in which registered (if applicable)

Registration No. and Date

12. Whether Eligibility Certificate obtained :  
(enclose photocopy)

13. Whether Migration Certificate obtained :  
(enclose photocopy)

### **DECLARATION BY THE APPLICANT**

I \_\_\_\_\_ (Name in full and in Block letters)  
son/Daughter/Ward/Wife of hereby solemnly declare that all the information furnished and the statements given in the above application and the enclosures are true, correct and complete to the best of my knowledge and belief.

I further declare that if it is found otherwise, I am liable to forfeit the seat and/or be removed from the rolls of the institution at whatever stage of study I may be, besides making be liable for criminal prosecution.

I also declare that I had read all the instruction in the application/prospectus carefully and I will abide by the regulations/instructions of the University.

**Place:**

**Date:**

**Signature of the Applicant**

## INSTRUCTIONS

1. The cost for Processing/Registration of application etc. is Rs.885/- which is non-refundable.
2. All columns in the application must be filled up legibly and signed only by the candidate.
3. The said fee should be paid in the form of an account payee Demand Draft drawn in favour of the **Registrar, The Tamil Nadu Dr. M.G.R. Medical University** payable at Chennai (or) through a challan of the Indian Overseas Bank Branch located in this University Premises.
4. Fees once paid will not be refunded under any circumstances.
5. If a candidate discontinues the course after one month of joining, he/she is liable to pay the second year fees also.
6. University has right to revise the tuition fee/exam fee from time to time.
7. **Intimations/Communications to the candidates about the entrance examination, interview, sending of hall tickets etc will be made only through email. Hence the candidates are requested to check their email regularly. The university will not be responsible if the candidates failed to check emails and for other consequences thereof.**

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**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY**

ENTRANCE EXAMINATION FOR POST GRADUATE TWO YEARS DEGREE

COURSE M.Sc. EPIDEMIOLOGY. 2023-2024

**IDENTIFICATION CUM ADMIT CARD**

Roll No. (to be allotted by the Office)							
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Name of Candidate ( in BLOCK Letters)	Paste a self-attested recent Passport size Photograph Do Not Staple
Specialty ( in BLOCK Letters)	
Signature of the candidate	

<b>For Use at Examination Centre only</b>		
<b>Date and Time</b>	<b>Signature of the Candidate</b>	<b>Signature of Invigilator</b>