

**THE TAMIL NADU DR. M.G.R. MEDICAL  
UNIVERSITY,  
69, ANNA SALAI, GUINDY, CHENNAI - 600 032.**



**REGULATIONS**

**FOR**

**(Post - Graduate Degree Course Under Allied Health Science)**

**\* M.Sc – RADIOGRAPHY AND IMAGING  
TECHNOLOGY**

**ACADEMIC YEAR 2015 – 2016 SESSION**

**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI -600 032**

**REGULATIONS OF THE UNIVERSITY  
(Post-graduate Degree course under Allied Health Science)**

**\* M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY**

**In exercise of the powers conferred by Section 44 of the Tamil Nadu Dr. M.G.R. Medical University, Chennai Act 1987( Tamil Nadu Act 37 of 1987) the Standing Academic Board of the Tamil Nadu Dr. M.G.R.Medical University, Chennai hereby makes the following regulations:-**

**SHORT TITLE AND COMMENCEMENT:-**

These regulations shall be called as **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY** of the Tamil Nadu Dr. MGR Medical University, Chennai.

They shall come into force from the academic year 2015-2016

The regulations framed are subject to modification by the Standing Academic Board from time to time by the Standing Academic Board.

**OVERALL OBJECTIVES:**

The **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSE UNDER ALLIED HEALTH SCIENCES** is designed.

To provide specialized training in Radiology and Imaging and its application in order to create qualified manpower to handle modern radiological equipments with a successful carrier. Upto successful completion of the M.Sc. course, students will have developed a broad knowledge of the principles, technology, instrumentation, recent developments and proper handling of the modern radiological equipments and proper execution of the various radiological procedures and be able to embark upto a successful career in their chosen direction of Imaging Science research.

**ELIGIBILITY FOR ADMISSION**

B.Sc. in Radiology and Imaging Technology

**2. AGE LIMIT:**

No upper age limit for Admission

**3. ELIGIBILITY CERTIFICATE:**

Candidates who have passed any qualifying examination as stated in (1) other than the Tamil Nadu Dr. M.G.R. Medical University shall obtain an “Eligibility Certificate” from this University by remitting the prescribed fees along with the application form and required documents before seeking admission to any one of the affiliated institutions. The application form is available in the University website :[web.tnmgrmu.ac.in](http://web.tnmgrmu.ac.in).

#### **4. REGISTRATION:**

A Candidate admitted to **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSE UNDER ALLIED HEALTH SCIENCES** in any one of the affiliated institutions of this University shall register his / her name with this university by submitting the prescribed application form for registration duly filled along with the prescribed fee and a declaration in the format to the Controller of Examinations of this University through the affiliated institution within 30 days from the cutoff date prescribed for the course for admission. The applications should bear the date of admission to the said course.

#### **5. MIGRATION/TRANSFER OF CANDIDATE:**

(a) A student studying in **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSE UNDER ALLIED HEALTH SCIENCES** can be allowed to migrate / transfer to another institution of Allied Health Science under the same University.

(b) Migration / Transfer can be allowed to another affiliated institutions under extraordinary circumstances. The Vice - Chancellor has the power to issue Migration / Transfer order.

#### **6.. COMMENCEMENT OF THE COURSE:**

The course shall commence from 1<sup>st</sup> September of the academic year. Cut off date for Admission is 30<sup>th</sup> September every year.

#### **7 .MEDIUM OF INSTRUCTION:**

English shall be the Medium of Instruction for all the Subjects of study and for examinations of the **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSE UNDER ALLIED HEALTH SCIENCES**.

#### **8. CURRICULUM:**

The Curriculum and the syllabus for the course shall be as prescribed in these regulations and are subject to modifications by the Standing Academic Board from time to time.

#### **9. DURATION OF THE COURSE:**

The duration of certified study for the **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSES UNDER ALLIED HEALTH SCIENCES** shall be **Two** academic years including period of exam. The admitted candidates should complete this course within 4 years (double the duration) from the date of joining the course.

#### **10. RE-ADMISSION AFTER BREAK OF STUDY:**

The regulations for re-admission are as per the University Common Regulation for Re-admission after break of study for all courses.

#### **11. WORKING DAYS IN THE ACADEMIC YEAR.**

Each academic year shall consist of not less than 270 working days  
Total No. of working days including (Term day 270 days 85% Attendance) Examination period

**12. ATTENDANCE REQUIRED FOR ADMISSION / EXAMINATION:**

(a) No candidate shall be permitted to appear in any one of the parts of **M.Sc – RADIOGRAPHY AND IMAGING TECHNOLOGY DEGREE COURSE UNDER ALLIED HEALTH SCIENCES** Examinations unless he/she has attended the course in the subject for the prescribed period in an affiliated institution recognized by this University and produce the necessary certificate of study, attendance and satisfactory conduct from the Head of the institution.

(b) A candidate is required to put in a minimum of 85% of attendance in both theory and practical separately in each subject before admission to the examinations.

**13. CONDONATION OF LACK OF ATTENDANCE:**

There shall be no condonation of lack of attendance.

**14. VACATION:**

There is no vacation

**15. INTERNALASSESSMENT MARKS:**

The Internal Assessment should consist of the following points for evaluation:-

- i) Theory
- ii) Practical

(a) A minimum of three written examinations shall be conducted in each subject during a year and the average marks of the three performances shall be taken into consideration for the award of Internal Assessment marks.

**16. CUT-OFF DATES FOR ADMISSION TO EXAMINATIONS:**

- (i) 30<sup>th</sup> September of the academic year concerned for Admission.
- (ii) The candidates admitted up to 30<sup>th</sup> September of the academic year shall be

**17. COMMENCEMENT OF THE EXAMINATIONS:**

15<sup>th</sup> October / 15<sup>th</sup> April

If the date of commencement of examination falls on Saturdays / Sundays or declared Public Holidays, the examination shall begin on the next working day.

**18. MARKS QUALIFYING FOR PASS:**

- 50% of marks in the University Theory Examinations
- 50% of marks in the Practical with Viva
- 50% of marks in aggregate in Theory, I.A & Oral taken together.

**19. CARRY OVER OF FAILED SUBJECTS:**

1. Carry any number of failed papers to second year course but has to be completed before appearing for Second Year Examination..
2. The candidate has to successfully complete the course in double the duration (i.e. 4 years from the date of joining).

**20. REVALUATION / RETOTALLING OF ANSWER PAPERS:**

Re - totaling / Revaluation of answer papers is not permitted.

**Scheme of Examination**

Sl. No.	Subjects	Internal Assessment (IA)		Theory	
		Max	Min	Max	Min
1.	Radiological Physics	50	25	100	50
2.	Conventional Radiological and Imaging Equipment	50	25	100	50
3.	<b>Radi</b> ographic and Imaging Techniques	50	25	100	50
4.	Radiation Safety and Protection	50	25	100	50
5.	Modern Radiological and Imaging Equipment	50	25	100	50

## **SECOND YEAR**

Sl. No.	Subjects	Internal Assessment (IA)		Theory	
		Max	Min	Max	Min
1.	Radiological and Imaging Procedures	50	25	100	50
2.	Quality Assurance and Quality Control in Diagnostic Radiology and Imaging	50	25	100	50
3.	Newer Imaging Modalities	50	25	100	50
4.	Intervention Radiological Techniques and Patient Care	50	25	100	50
5.	Newer Developments in Advanced Imaging Technology and Biostatistics	50	25	100	50

### **Theory Examination Pattern**

**Duration: 3 hrs Max.Marks: 100**

**Part – A ( 2 x 20 = 40) Marks**

Part – B (10 X 6 = 60) Marks

	Max.	Min.
Project	100	50
Viva / Practical	100	50
I. A	50	25

**Minimum Pass 50%**

**Practicals should include the following:**

Case Discussion, / Flash Card / Spotters / Instruments / Specimens  
(Where ever it is applicable)

**LOG BOOK:**

Based on the curriculum Log Book to be maintained and the same is periodically, assessed by HOD and presented at the time of discussion of project in Practical Examination.

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\* **The Change of Nomenclature of the course M.Sc Radiology and Imaging Technology to M.Sc Radiography & Imaging Technology - approved in 57<sup>th</sup> Standing Academic Board held on 04.06.2019**