



**GMRIT**  
DEEMED TO BE  
UNIVERSITY  
(Under Section 3 of the UGC Act, 1956)

Learn . Innovate . Lead

# Prospectus for Ph.D. Admissions 2026-2027

GMRIT Deemed to be University  
Sponsored by GMRIT Foundation



Visit Website  
SCAN TO EXPLORE

✉ [gmritudu@gmr.it.edu.in](mailto:gmritudu@gmr.it.edu.in)

📍 GMRIT Deemed to be University, GMR Nagar,  
Rajam, Andhra Pradesh, India – 532127

🌐 [www.gmr.it.edu.in/du/](http://www.gmr.it.edu.in/du/) (New)

[www.gmr.it.edu.in](http://www.gmr.it.edu.in) (Old)



## Table of Contents

1	Category of Ph.D. Programme	2
2	Eligibility criteria for admission to the Ph.D. programme	3
3	How to apply	3
4	GMRITDU-RCET-2026	4
5	Selection process	4
6	Research specializations	5
7	Duration of the programme	6
8	Course work	6
9	Fellowship	6
10	Fees structure	6
11	Ph.D. admission schedule	7

## Empowering Research. Enabling Innovation

GMRIT Deemed to be University offers Ph.D. programmes across a wide spectrum of academic disciplines. These programmes are designed to integrate rigorous coursework with high-quality original research, fostering innovation and encouraging interdisciplinary collaboration. The University actively engages in sponsored research projects and collaborative initiatives with leading industries, as well as public and private sector organizations. All departments are supported by well-established research infrastructure and guided by highly qualified and experienced faculty.

Applications are invited from eligible candidates for admission into Ph.D. programmes under both Full-Time and Part-Time schemes at GMRIT Deemed to be University.

### 1. Category of Ph.D. Programme

Two categories of Ph.D. programme available are: **Full-time** and **Part-time**. Candidates who satisfy the eligibility criteria are eligible to apply for Ph.D. Programme.

#### 1.1 Full-time Ph.D. Programme

Candidates admitted under the Full-Time category are required to work on campus for the entire duration of their research programme.

##### **With Fellowship:**

Fellowships will be provided in accordance with the University norms.

##### **Without Fellowship:**

Sponsored Candidates: Candidates with an excellent academic record, and who are sponsored by recognized institutions, research organizations, or industries, are also eligible to apply for the doctoral programme.

Self-Financed: Candidates with an excellent academic record, including self-financed applicants, are eligible under this category.

#### 1.2 Part-time Ph.D. Programme

Candidates employed in institutions, research organizations, or industries are eligible to apply under this category without fellowship. Such candidates must fulfill all University norms and requirements for the successful completion of the Ph.D. programme.

## 2. Eligibility criteria for admission to the Ph.D. programme

(a) The following are eligible to seek admission to the Ph.D. programme:

S.No.	Programme	Qualification for Admission
1	Ph.D. Degree in Engineering/ Technology	10+2+4+2 (pattern of studies) or any equivalent in Engineering Degree
		10+2+5 year Integrated M.Tech. programme, Integrated M.S Programme in Engineering
		MCA & M.Tech (CSE/IT) or M.Sc. (Maths/Computer Science) & M.Tech (CSE/IT) are also eligible for Ph.D in Computer Science and Engineering
		10+2+4+1 for Ph.D. in Engineering (Foreign Degree holders also eligible to apply)
2	Ph.D. Degree in Mathematics, Physics, Chemistry	10+2+3+2 (pattern of studies) or any equivalent in Sciences
		10+2+5 year Integrated Master's Degree Programme

- (b) A minimum of 55% marks or a CGPA of 5.5 on a 10-point scale in the qualifying examination. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled (with disability score more than 40%), Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
- (c) Integrated Ph.D. Programme: A candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or a CGPA of 7.5 on a 10-point scale is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled (with disability score more than 40%), Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

## 3. How to apply

- (a) Candidates are required to submit their applications through the official website of GMRIT Deemed to be University by paying a non-refundable registration fee of Rs. 500/- (INR Five Hundred only). The application form and detailed information brochure will be made available online.
- (b) Candidates who have qualified in national-level examinations such as UGC-NET, CSIR-NET, GATE, JEST, APRCET or APSET are exempted from the written test and are eligible for a direct interview as per UGC regulations. However, they are still required to submit their application through the official website.
- (c) Applicants are advised to verify their eligibility criteria before submitting the online application.

- (d) The University shall not be held responsible for any delay or non-receipt of applications submitted after the deadline (i.e., 13/05/2026 up to 11:59 PM).

#### **4. GMRITDU-RCET-2026**

- (a) The syllabus for the entrance test can be downloaded from the following link: <https://gmrit.edu.in/du/doctoral.php>
- (b) The entrance test syllabus shall consist of 50% of research methodology and 50% shall be specific subject area.
- (c) The duration of the test is 90 minutes.
- (d) The test will have objective type questions. The maximum marks for written test is 100 (Section A – 50 marks (25 MCQs) for Research Methodology and 50 marks (25 MCQs) for specific subject area).

#### **5. Selection process**

- (a) GMRITDU shall conduct GMRITDU Research Admissions Test (GMRITDU-RCET-2026) – a written test, for all eligible candidates.
- (b) Candidates securing a minimum of 50% marks in the entrance test shall be eligible for interview. A relaxation of 5% marks (or equivalent grade) may be granted to candidates belonging to SC/ST/OBC (non-creamy layer), Differently-Abled (with disability of more than 40%), EWS and other categories as per norms.
- (c) Candidates who have qualified in national-level examinations such as UGC-NET, CSIR-NET, GATE, JEST, APRCET or APSET are exempted from the written test and are eligible for a direct interview.
- (d). Interviews shall be conducted for
- Candidates who have cleared the GMRITDU-RCET-2026 and
  - Candidates who have cleared the above-mentioned national level examinations.
- (e) The interview shall evaluate the following aspects:
- The candidate demonstrates adequate competence in the proposed research area.
  - The proposed research work can be effectively carried out at the Institution/School.
  - The proposed research has the potential to contribute to the generation of new or additional knowledge.
- (f) Candidates who successfully qualify in the interview shall be issued admission letters for the Ph.D. programme.
- (g) Admission shall be strictly based on merit.
- (h) Merely meeting the eligibility criteria may not ensure admission.
- (i) Candidates are advised to regularly visit the GMRITDU website <https://gmrit.edu.in/du/doctoral.php> for updates.

## 6. Research specializations

### Civil Engineering

Structural engineering | Geotechnical engineering | Remote Sensing and GIS | Construction materials | Transportation engineering | Water resources engineering | Environmental Engineering | AI&ML Applications in Modern Civil Engineering

### Mechanical Engineering

Thermal engineering | Reliability engineering | Industrial engineering | Energy engineering | Polymer composites | Computational Fluid Dynamics with ML | Cryogenics and CFD | Manufacturing engineering | Composite materials | Microfluidics | Renewable Energy | Micro-fabrication | Digital twin for industrial robotics | AI-based Metamaterial design

### Electronics and Communication Engineering

Radar Signal Processing | VLSI Signal Processing | Embedded systems and IoT | Opto-electronic Device and Applications | Image Processing using Deep learning Techniques | Embedded Systems and Computer Vision | AI-based wireless communication | Antennas & Neural Networks | 5G&6G Communications | Remote sensing | Advanced VLSI and Quantum Technology

### Electrical and Electronics Engineering

Power Systems & Energy Engineering | Renewable Energy & Green Technologies | Electric Vehicles | Control Systems & Automation | Power Electronics & Drives | Artificial Intelligence in EEE | Electrical Machines | Smart grid | HVDC and UHVAC Systems | Power System Operation and Control | IOT applications in Electrical Engineering

### Computer Science and Engineering

Cyber security | Network security | Networks | Optimization techniques | Data science & Big data analytics | Generative AI | Computer vision & NLP | AI, ML and DL applications | Software reliability | Cyber physical systems | Cloud computing | Quantum computing

### Mathematics

Numerical Analysis | Fixed Point Theory (Non-linear Analysis) | Fuzzy Algebra and fuzzy decision making theory | Relativity and Cosmology | Applied Group theory | Fluid dynamics

### Physics

Material science | Nanoscience | Nanotechnology | Nanocomposites for hydrogen generation and energy-based applications | Photocatalysis | Quantum-dots based nanocomposites | Optoelectronic Device and Applications | Thin films for advanced battery applications

### Chemistry

Green chemistry | Organometallic chemistry | Water Quality Analysis | Photocatalysis | Wastewater analysis | Metal Organic Frameworks | Electrochemical analysis | Corrosion resistance analysis | Heavy Metal Analysis

## 7. Duration of the programme

- (a) Ph.D. Programme shall be for a minimum duration of three (3) years for full/part time, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.
- (b) Candidates admitted with UG qualification may submit the thesis only after completing a minimum of four (4) years from the date of registration.
- (c) A maximum of an additional two (2) years can be given through a process of re-registration as per the University norms.

**Note:** *Candidates must have a minimum of two published research papers (one Science Citation Index (SCI) and one Scopus-indexed) to be eligible for thesis submission, in addition to fulfilling all other prescribed requirements.*

## 8. Course work

- (a) The coursework shall be treated as a mandatory stage towards the partial fulfillment of requirement for the Ph.D. studies.
- (b) The credit requirement for Ph.D. coursework shall be a minimum of 12 (twelve) credits and a maximum of 16 (sixteen) credits. The conduct of coursework and the evaluation pattern shall be in accordance with the University's statutory guidelines.

## 9. Fellowship

As per the University norms and based on the recommendations of the Selection Committee, a limited number of eligible full-time Ph.D. scholars will be awarded a fellowship of Rs. 25,000/- per month for a period of three (3) years. This fellowship may be extended for one (1) more year upon the recommendation of the Research Advisory Committee (RAC).

## 10. Fees structure

<b>One Time Registration Fee</b>	<b>: Rs. 5,000/-</b>
<b>Tuition Fee (Per Semester for Full Time/Part Time)</b>	<b>: Rs. 25,000/-</b>

## 11. Ph.D. admission schedule

Registration Opening Date	: 07/04/2026
Last Date for Application	: 13/05/2026
Written Examination	: 17/05/2026
Documents Verification and Interview	: 01/06/2026
Notification of Shortlisted Candidates	: 08/06/2026
Release of Admission Offer Letter & Payment of Fee	: 19/06/2026
Commencement of Ph.D. Programme	: 23/06/2026

Contact for Further Queries:

**Dr. Ravindranadh K**

Dean-Research, GMRIT Deemed to be University

Mobile: +91-9885824543, Email: [asso.dean\\_research@gmrit.edu.in](mailto:asso.dean_research@gmrit.edu.in)

Website: <https://gmrit.edu.in/du/>