



## About GMRIT

[www.gmrit.edu.in](http://www.gmrit.edu.in)

GMR Institute of Technology is situated in Rajam, a small industrial town approximately 100 kilometers away from the 'city of destiny,' Visakhapatnam in Andhra Pradesh. The institute's campus spans over a sprawling 117 acres of land. The lush, sylvan, and idyllic surroundings in the heart of the agricultural belt provide an ideal setting for higher studies. The institute is affiliated with Jawaharlal Nehru Technological University, Kakinada, and approved by AICTE New Delhi. It has been accredited with NAAC - 'A' grade by UGC. The institution also holds ISO 9001:2008 Quality Systems certification. The Department of EEE has been accredited by the National Board of Accreditation (NBA) in Tier-I for the academic years 2022-23 to 2024-25.

GMRIT offers 4-year B.Tech. programs in nine core disciplines and 2-year M. Tech programs in six specializations. The approved annual intake of the institute for the academic year 2022-23 is 1122 students. The institution has received a grant

extension of autonomous status for a period of ten years, starting from 2018-19 to 2027-2028.

## About EEE Department

### Vision

To be a nationally preferred department of learning for students and teachers alike, with dual commitment to research and serving students in an atmosphere of innovation and critical thinking.

### Mission

To provide high-quality education in Electrical & Electronics Engineering to prepare the graduates for a rewarding career in Electrical & Electronics Engineering and related industries, in tune with evolving needs of the industry.

To prepare the students to become thinking professionals and good citizens who would apply their knowledge critically and innovatively to solve professional and social problems

## Overview

The Department of Electrical & Electronics Engineering was established in 1997. The department offers four-year B.Tech and two-year M.Tech programs. It has a rich tradition and well-qualified faculty, along with widely recognized laboratories. The department aims to provide a strong foundation in Electrical and Electronics Engineering fundamentals, emphasizing mathematical and scientific principles. Additionally, the course focuses on developing skills in the application of design processes for innovative engineering solutions. The annual intake of students in this department is 120.

## Facilities & Infrastructure

- Sophisticated Laboratories include:
  - Electrical Machines Lab
  - Electrical Engineering Lab
  - Electrical Measurements Lab
  - Power Systems Lab
  - Power Electronics Lab
  - Electrical Systems Simulation
  - Power Electronics and Drives Lab (PG)
- An efficient administrative office that operates as per ISO-9001 standards
- A well-stocked department library
- To enable the students and provide opportunities, to understand in the industrial eco-systems and work on latest technological developments in the industries, MoUs are signed with various industrial organizations
- Committed and dedicated faculty

## Major Courses Offered

- Electrical Machines
- Electrical Circuits
- Measurements and Instrumentation
- Semiconductor Devices & Circuits
- Linear and Digital integrated circuits
- Electromagnetic Field Theory
- Control Systems
- Power Generation, Transmission and Distribution
- Power System Protection
- Green Energy Technologies
- Power Electronics
- Electrical Vehicle Technologies
- Signals and Systems Theory
- Electrical Drives
- Power System Analysis and Control
- Engineering Economics and Project management

## Academic Achievements

### Papers Published in Journals

- G.Chandra Sekhar et al., "Hybrid MDA-ANFIS approach based control of grid connected solar system with nine level inverter wind energy conversion", International Review of Applied Sciences and Engineering, ISSN No:2063-4269DOI:10.1556/1848.2022.00474, Vol.14, Issue2 pp:183-200, May 2023.(SCOPUS) Q2, <https://akjournals.com/view/journals/1848/14/2/article-p183.xml>

**Training and Placement****Highest Salary: 7.02 Lakhs****No. of Offers issued: 84****Vihaan – 3.5 Lakhs**

Kakula Vinay (20345A0210)

**Logikworks – 4 Lakhs -**

Borra Likitha (19341A0217)

**Medhaservo – 4.8 Lakhs**

Bhogi Madhu (20345A0212)

**Beumer group – 4.2 Lakhs**

Bendi Yamini (19341A0214)

**GMR Group– 4.5 Lakhs**

Sridharala Sainadh (19341A0293)

Chintalapudi Dinish Kumar (19341A0220)

Konchada Lokeswara Rao (19341A0241)

Ampolu Upendra (19341A0205)

Yamalapalli Vijaya Kumari (19341A02A7)

Amanana Anil (19341A0203)

Lakkoju Nikhil Sai (19341A0247)

Mamidipaka Sai Kumar (19341A0259)

Badi Raviteja (19341A0209)

Dabbiru Pavan Kumar (19341A0223)

Savirisetti Sai Kumar (19341A0288)

Bonela Vinaykumar (20345A0205)

Thitti Mahesh (20345A0213)

Kommireddy Varun Sai Kumar (19341A0238)

Anasa Sai Venkatesh (19341A0206)

Malla Karishma (20345A0204)

Sirigibathina Sai Teja Durga Prasad (19341A0291)

Makireddy Mahesh (19341A0258)

Sathivada Praveen Kumar (19341A0285)

**Mitsogo – 4 Lakhs**

Vempadapu Gowthami (19341A02A5)

**MGH Infrastructure – 4.2 Lakhs**

Nistala Sai Siri Pranathi (19341A0265)

Mamidi Yendu Naidu (19341A0257)

**Content QL– 3.5 Lakhs**

Modalavalasa Praveen (19341A0262)

Vanjala Ramu (19341A0297)

**Shirdi Sal Electrical Ltd – 2.16 Lakhs**

Pedada Surya Niranjana (19341A0273)

[Peddamalla Ajaykumar (19341A0274)

Ponduru Sravan (19341A0276)

Saka Naga Venkata Durga Jagadeesh (19341A0281)

Vallabha Sai Kumar (19341A0296)

### **Novisync Solution – 3.6 Lakhs**

Chivukula Manoina (19341A0222)

### **Transgaurd – 2.5 Lakhs**

Kalipu Sindua (19341A0235)

### **AUS – 3.36 Lakhs**

Amanana Venkatesh (19341A0204)

### **Unschool – 6.5 Lakhs**

Madugula Dheeraj (19341A0254)

### **CO / Extra-Curricular Activities of Students**

- K. Sireesha, G. Vignesh, and U. Yaswanth Kumar (III Year EEE) have won the Consolation Prize in the Technical Exhibition conducted during the National Technology Day Celebrations – 2023 (9<sup>th</sup> to 11<sup>th</sup> May, 2023) at the Naval Science and Technological Laboratory, Vizag.

