



ABOUT US

GMR Institute of Technology was established in the year 1997 by GMR Varalakshmi Foundation – the corporate social responsibility arm of GMR Group – GMRIT offers aspiring engineers high quality technical education. Located in Rajam, Vizianagaram district of Andhra Pradesh, GMRIT provides its learning community state-of-the-art facilities, infrastructure and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real world experiences. It is this emphasis on a well-rounded education that makes GMRIT a preferred institute among engineering colleges in India. It offers nine undergraduate and six Postgraduate programs. All the UG Programs are accredited by NBA under Tier-1(Phase 4) and the institution is accredited by the NAAC with A Grade(3rd Cycle). GMRIT is ranked among top 5 colleges in state of AP and among top 50 in the country level. In placements 95% of the students gets placed every year with a medium salary around 5 LPA and maximum salary of 34 LPA.

PROGRAMS OFFERED

B.TECH PROGRAMS

- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- CSE-Artificial Intelligence and Data Science
- CSE-Artificial Intelligence and Machine Learning
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Information Technology
- Mechanical Engineering

M.TECH PROGRAMS

- CSE
- Environmental Engineering
- Power and Industrial Drives
- Thermal Engineering
- Transportation Engineering
- VLSI and Embedded Systems Design

GMR INSTITUTE OF TECHNOLOGY

An Autonomous Institute affiliated to JNTUGV

VIZIANAGARAM (DIST),532127

ANDHRA PRADESH

STUDENT EDITORS:

- 1.GUNDRA KOWSHIK
CSE-AI&DS - 22341A4517
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CSE- AI&ML - 22341A4230

STUDENT COORDINATORS:

1. KARRI VARSHITHA
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Vision

To be a preferred department of learning for students and teachers alike, with a commitment towards Academics & Research, serving the students in an atmosphere of innovation, critical thinking and making them Industry ready.

Mission

- To provide adaptable education in a collaborative and innovative environment in skilling the graduates to solve real world problems in the field of Computer Science and Engineering.
- To prepare the students as critical thinking professionals with multidisciplinary research orientation and Innovation.
- To instil ethical values and nurture the graduates who will be able to contribute to society.
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Program Educational Objectives (PEOs)

1. Employ logical and analytical skills in solving complex real-world engineering problems in the areas of computer Science and allied fields.
2. Adaptable to emerging technologies with enhanced professional skills and ability towards continuous learning, facilitating higher studies and research.
3. Demonstrate professional ethics, leadership qualities and promote inclusive and collaborative growth with human values towards societal interest.

Achievements:

- Dr. T Daniya acted as session chair expert in the 'AI&ML APPLICATIONS' session on 05/07/2024 at AI-PTIS 2024 organized by GMR Institute of Technology, Rajam.
- Ms. Manisha Das presented a conference paper titled "Harvesting Knowledge: An Innovative Ontology Framework for Agriculture Advancement using NLP methodologies" at the 2024 Third IEEE-sponsored International Conference organized by K Ramakrishnan Collage of Engineering got the Best Paper award.

Students Highlights:

- IIC-GMRIT: IDEA LAUNCH 2024" event Organized by CSE-AIML & AIDS Department on 09-08-2024.
- ACM students conducted a "Mind Maze" event on August 21, 2024. A total of 83 students from various departments participated.



"Mind Maze" event conducted by the ACM student chapter

- ISTE Student awareness chapter organized 26 August 2024.

- ACMW conducted a non-technical event "Cinebuzz " on August 29, 2024. A total of 157 students participated. CSI student chapter conducted a " Competitive Programming " event for 2nd-year students.



" Competitive Programming " event conducted by ACMW

- Talentia 2.0 event conducted by the ISTE student chapter on 31 August 2024. A total of 80 students from various departments participated.





Talentia 2.0 event conducted by the ISTE student chapter

Guest Lecture Conducted:

Final year AIDS students attended a Guest Lecture conducted on 31st Aug 2024 on " Campus Recruitments and Industry Needs". Resource person Mr. Surajee Vupparapalli, Senior Consultant & Transformation Manager, TCS.





Department Induction Program:

- Department Induction Program for 2nd-year students was conducted on 5th and 6th of August 2024.



International Journal:

□ Daniya T, "Shuffled shepherd social political optimized deep learning for rice leaf disease classification and severity percentage prediction", 2024, biomedical engineering - applications, basis and communications, world scientific, 10.4015/s1016237224500133, scientific.

□ Daniya T, "IoT enabled soil moisture and heat level prediction using chimp shuffled shepherd optimization-based deep lstm for

plant health monitoring", 2024,
international journal of information
technology and decision making, vil:23,
issue:3, pp 1143-1169.

□ Dr. K Kavitha published a journal titled
"Lung Cancer Detection Using
Regularized Extreme Learning
Machine and PCA Features", Journal
of Computer Science 2024, 20
(10), DOI: 10.3844/jcssp.2024.

Book Chapter:

□ Daniya T, "Machine Learning-Based
Functionalities for Business
Intelligence and Data Analytics Tools",
2024, Data- Driven Modelling and
Predictive Analytics in Business and
Finance: Concepts, Designs,
Technologies, and Applications,
10.1201/9781032618845-7, CRC
Press,pp 110-116.

Faculty Development Program OR TRAINING PROGRAM

Attended:

□ Dr. T Daniya attended 5 days of FDP
on 'Bridging Academia & Industry:
Modern Practices in CS Education'
organized by Amity University from 24
June 2024 to 28 June 2024.

□ Ms. Manisha Das attended 6 days of
FDP on "ETL –Kafka/ TALEND"
organized by Guru Nanak Institutions
Technical Campus(A), Hyderabad,
from 1st to 6th July.

□ Dr. Ch Sekhar attended 6 days of FDP on
"ETL –Kafka/ TALEND" organized by
Guru Nanak Institutions Technical
Campus(A), Hyderabad, from 1st to

6th July.

□ Dr. K Kavitha attended 6 days of FDP
on "ETL –Kafka/ TALEND"
organized by Guru Nanak Institutions
Technical Campus(A), Hyderabad,
from 1st to 6th July.

□ Ms. Manisha Das and Ms. K
Krisnaveni attended 5 days of FDP on
"Classroom deliverables, Question
Paper Setting, and Assessment"
organized by GMR Institute of
Technology, Rajam from 22 July 2024
to 26 July 2024.

• Ms. Manisha Das attended 6 days of
FDP on "Generative AI Essentials: A
Deep Dive into Theory and Practice"
organized by the department of CSE -
AIML & IoT, VNR Vignana Jyothi
Institute of Engineering and
Technology, Hyderabad.

□ Dr. K Srividya attended a workshop on
"Transformation 2.0" organized by
GMR Institute of Technology, Rajam
on 25th July 2024.

□ Mr. Viswanathasharma Ch attended 5
days of FDP titled "Deep Dive: Exploring
the Frontiers of Deep Learning "
organized by Manipal University, Jaipur
from 30 July 2024 to 03 August.

□ Ms. Manisha Das attended 5 days of FDP
titled "Deep Dive: Exploring the Frontiers
of Deep Learning" organized by Manipal
University, Jaipur from 30 July 2024 to
03 August.

ADVANCED TRAINING PROGRAM

Attended:

- ☐ Mrs. P Someswari Participated in an Advanced Technology Program [ATP] training program and was trained in "Artificial Intelligence & Machine Learning" from 22nd July to 26th July 2024 by WIPRO Talent Next.