



## 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

## STUDENT EDITORS:

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

## STUDENT COORDINATORS:

- |                           |                              |
|---------------------------|------------------------------|
| 1. AVINASH<br>23341A4538  | 6. LALITHA<br>24341A4556     |
| 2. JYOTHISH<br>23341A4554 | 7. MANOHAR<br>24341A4517     |
| 3. SUSANTH<br>24341A4564  | 8. CHARUHASHINI<br>24341A505 |
| 4. PALLAVI<br>24341A4541  | 9. Praneetha<br>24341A4503   |
| 5. SUMEDA<br>24341A4520   | 10. LASYA SRI<br>24341A4565  |
|                           | 11. RAJESH<br>24341A4509     |

## 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.

## 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.

## Development Session:

The department of CSE-AI&DS conducted a membership development session on “Importance of IEE membership and its advantages for students and staff” delivered by Dr. Kanchanamala and Dr. H.M. Nagaraju on 27.08.25.

## Students Highlights:

- A. Pavan Kumar (23341A4504) have excelled in Summer Internship – 1 ByteXL has awarded with exciting prizes in recognition of their hard work on 23.08.25.



- Two teams from AI&DS participated in the internal Hackathon conducted by APSCHE-Amravati Quantum Valley Hackathon on 28.08.2025.



- Team (GRMITAQVH – 09) lead by V. Yasaswini placed at position 5 for Amravati Quantum valley Hackathon – 2025 Semi-finals on 28.08.2025.



- Department level start up idea contest was held on 08.08.25. 8 teams were participated.



- Three teams were selected for the central-level start up idea competition.



- K. Avinash (23341A4538), R. Jyothish (23341A4554) elected as President and Joint secretary respectively for student council members.



## Guest Lecture Conducted:

- Guest Lecture conducted on “Data to destiny: A visionary Path” by Dr. Lakshminarayana Sadasivuni on 10.07.2025 for 2<sup>nd</sup> year students.

- Guest Lecture conducted on “Exploratory Data Analysis in Real World Data Sets” delivered by Dr. Nikhil Kumar Marriwala Associate Professor, Department of ECE Kurukshetra University, Haryana for All B. Tech 2<sup>nd</sup> year & 3<sup>rd</sup> year students on 13.08.2022





- Guest Lecture conducted on “Natural Language Processing & LLM Based RAG” by Dr. Siva Durga Prasad Chinta Micron India, Staff Data Scientist for all B. Tech 2<sup>nd</sup> year & 3<sup>rd</sup> year students on 19.08.2025.



## Patent Published:

- Dr. Jayasri Kotti published an Indian patent on “An ai powered integrated agricultural advisory system with real-time market demand analysis” on 12.08.25.
- Dr. Jayasri Kotti published an Indian Patent on “An ai driven comprehensive web platform for contract-based farming with cloud and predictive analysis” on 12.08.25.

## Journal and Conference Publications:

- Dr. Jayasri Kotti published a paper on “multi-level brain tumour classification using hybrid coot flamingo search optimization Algorithm enabled deep learning with MRI Images”. Network: Computation in Neural Systems, 36(3), 749-780.  
<https://doi.org/10.1080/0954898X.2024.2343342>
- Dr. Jayasri Kotti published a journal paper on “Hybrid M-DbneAlexnet for brain tumor detection using MRI images. Arch Physiol Biochem. 2025 Jul-29:1-21. Doi:10.1080/13813455.2025.253118.
- Dr. Jayasri Kotti published a journal paper on “Brain tumor detection using MRI images, Computers and Electrical Engineering, Volume 127, Part-B,2025; <https://doi.org/10.1016/j.compeleceng.2025.110601>.
- Dr. Srihari published a conference paper on “Machine learning based forecasting of caloric expenditure in digital health research. In AIP conference proceedings (Vol. 3298, No. 1, p. 0200506).
- Dr. Jayasri Kotti published a conference paper on “Revolutionizing farming with machine learning approaches for smart agriculture. AIP Conf. Proc. 9 July 2025; <https://doi.org/10.1063/5.0280509>.
- Dr. Jayasri Kotti published a conference paper on “Forecasting student success with predictive modelling for academic performance. AIP Conf. Proc. 9 July 2025; <https://doi.org/10.1063/5.0280589>.

## Faculty Development Program or Training

### Program Attended:

1. Mr Viswanathasarma Ch completed a 40-hour Faculty development program on “QT-O5 Quantum Computation” Organized by NIT Jaipur jointly with various academic institutions.
2. Dr. Jayasri Kotti has successfully completed training on “Industrial training in project management using Jira” from 06.08.2025 to 20.08.2025 and secured A1 grade.
3. Dr Kanchanamala has successfully completed training on “Industrial training in project management using Jira” from 06.08.25 to 20.08.25 and secured A1 grade.

### Placement:

1. Lakshmi Aditya Sanchana (21341A4531) got placed on 4<sup>th</sup> August 2025 in OC TANNER (MNC Head Quarters SALT LAKE CITY USA) company, Hyderabad with 9.5 LPA.