



NEWSLETTER

ISSUE-4



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. S Navachaitanya
IV CSE C – 22341A05F1
2. K Durga Sairam
IV CSE B – 22345A0509
3. M Vinay
III CSE C – 23341A05F6
4. A Sujith Kumar
III CSE A – 23341A0505

STUDENT COORDINATORS:

1. Allada Sagar
IV CSE A – 22341A0506
2. K Rajesh Kumar
IV CSE B – 22341A0583
3. T Sushumna Devi
IV CSE C – 22341A05H4
4. B Chandramouli
III CSE A – 23341A0533
5. I Mounika
III CSE B – 23341A05A0
6. S Mohan Chandu
III CSE D – 23341A05M6

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

M1. 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.

M2. To prepare the students as critical thinking professionals with multidisciplinary research orientation and Innovation.

M3. 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.

Paper Presentations and Publications (Faculty):

- Dr. P.N. Singh presented a paper titled “Combining Features of Support Vector Machine with Convolutional Neural Network for Image Classification” at an IEEE conference hosted online by the Namibia University of Science and Technology, Namibia.
- Dr. P. N. Singh was presented a paper with title “ AIML in cloud, Fog, Edge, and Mist Computing-Analysing with industry 4.0 to industry 5.0 in the 16th ICCCNT 2025 held at IIT Indore during July 16th to 11th, 2025.

International Conference:

- Sohail, M. A., Ganesh, D., Garugu, S., & Murtuza, M. (2025, July). Forecasting model based on ensembled technique for optimized utilization of resources on multiple datasets. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020052). AIP Publishing LLC.
- Kalabarige, L. R., Yamasani, N., Potnuru, U. K., & Ramana, A. V. (2025, July). Improving enzyme thermo stability through ProtBert-XGB-based prediction and sequence design. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020014). AIP Publishing LLC.
- Potnuru, U. K., Yamasani, N., Kalabarige, L. R., & Ramana, A. V. (2025, July). Real-time CNN-VGG based system for deaf community communication through ASL recognition and live subtitling. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020017). AIP Publishing LLC.
- Krishnaveni, K. B., Kalabarige, L. R., Kalyan, N., Poleswararao, M., Kumar, L. A., & Kavyasree, K.

- (2025, July). Enhancing waste management using deep learning-based trash classification. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020055). AIP Publishing LLC.
- Divyasri, Y., Lakshmanarao, K., Attada, V. R., & Agnes, S. A. (2025, July). Topographic categorization for augmented autonomous systems. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020008). AIP Publishing LLC.
- Divyasri, Y., K. Lakshmanarao, Venkata Ramana Attada, and S. Akila Agnes. "A comprehensive survey on advancements in terrain categorization for enhanced autonomous systems." In AIP Conference Proceedings, vol. 3298, no. 1, p. 040019. AIP Publishing LLC, 2025.
- Brindavathi, B., Ramana, A. V., & Karrothu, A. (2025, July). An analysis of AI-based SQL injection attack detection. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020018). AIP Publishing LLC.
- Nirmala, S., Kumar, B. V., Kalabarige, L. R., & Potnuru, U. K. (2025, July). Classification of ischemic stroke subtypes with HOG features and XGBOOST. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020015). AIP Publishing LLC.
- Sowjanya, D., Kumar, B. V., Potnuru, U. K., & Kalabarige, L. R. (2025, July). Efficient automated attendance system utilizing YOLO and siamese networks for enhanced classroom management. In AIP Conference Proceedings (Vol. 3298, No. 1, p. 020016). AIP Publishing LLC.

on 4th July 2025.

International Journal:

- Bhavani, Ashapu, Attada Venkataramana, and A. S. N. Chakravarthy. "Multi-Objective Hybrid Green Anaconda Skill Optimization Enabled Energy and Cache Based QoS Aware Routing in Delay Tolerant-IoT Network." Sustainable Computing: Informatics and Systems (2025): 101158. [Indexed by SCIE, IF:5.7 Q1, <https://doi.org/10.1016/j.suscom.2025.101158>]
- Santhappan, Joseph Sekhar, Satyanarayana Bora, Arun S. Gopinath, Lakshmana Rao Kalabarige, and Thangavel Mathimani. "Optimization and deep learning methods for the techno-economic analysis of hydrogen generation from solar, wind, and municipal biowaste to partially replace natural gas in a 10 MW gas power plant in Oman." International Journal of Hydrogen Energy 152 (2025): 150224. [Indexed by SCIE, IF:8.3 Q1, <https://doi.org/10.1016/j.ijhydene.2025.150224>].
- Saini, M. L., Satish, A. R., Rao, T. V. M., Mandala, J., Das, S., & Rajan Cristin (2025). A novel multigrade classification in FL using brain MRI images based on FHAT_EfficientNet. International Journal of Ad Hoc and Ubiquitous Computing, 49(4), 251-269. [Indexed by SCIE, IF:0.7 Q4, <https://doi.org/10.1504/IJAHUC.2025.147753>]

Patent:

- Dr. A.V. Ramana was published a patent on “ A System and Methods thereof for artificial gravitational anchor based on mass rotation and framed” on July 4th 2025.
- Dr.P.N.Singh published a patent on “xceleratedl a system and method threrof for faster download from internet”

Faculty Achievements: Student Achievements:

Alumni:

Workshops/Conference Attended (Faculty):

- Mrs. M. MAANASA has completed the Five-Day Online Faculty Development Programme on “Foundations of Blockchain and Solidity: A Practical Workshop” from 12.07.2025 to 16.07.2025, jointly organized by the Department of Computer Science & Engineering (Artificial Intelligence), and the PAARC Cell at Madanapalle Institute of Technology & Science, Madanapalle.
- Mr. Baishak , Ms. Y. Nagamani and Mr. G. Suneel are nominated as coordinators for ACM, ACMW, and IEEE



- Dr. B. Sanyasi Rao has visited T-Hub for the HR Conclave in Hyderabad from July 30th to July 31st, 2025.



- Dr. K. Lakshmana Rao and Ms. Santhoshini Sahu attended a workshop on “Design Thinking” from 5th July to 6th July 2025 in the seminar hall at block-4.



- Dr. Akila Agnes completed a 40-hour FDP on Quantum Computation from July 11 to August 2, 2025, organized by various academic institutions and funded by MeitY.
- Mrs. T. Anusha attended a One Week Online Faculty Development Programme on “Data Visualization Research Insights and Future Directions” held from 21/07/2025 to 25/07/2025, organized by the Department of Computer Science and

Engineering and Institution of Engineers(India)-CSE Students’ Chapter.

- Mrs. G. Nirosha attended a one-week Online FDP on “Data visualization Research Insights and Future Directions” organized by the Department of Computer Science and Engineering and Institution of Engineers (India) by Dr. Sivanthi Aditanar College of Engineering, Tiruchendur from 21/07/2025 to 25/07/2025.
- Mr D. Ganesh participated in FDP on “Quantum Computing” Organized by the Ramrao Adik Institute of Technology, D Y Deemed to be University, Navi Mumbai, New Horizon College of Engineering, Bengaluru, Karnataka. KIIT University, Bhubaneswar, Odisha, in Collaboration with ExcelR Edtech Pvt. Ltd., from 11th August 2025 to 18th August 2025.
- Mrs. M. Manasa attended a One Week Online Faculty Development Programme on “Data Visualization Research Insights and Future Directions” held from 21/07/2025 to 25/07/2025, organized by the Department of Computer Science and Engineering and Institution of Engineers(India)-CSE Students’ Chapter.
- Ms. Santhoshini Sahu delivered a session on “Fundamentals of Cyber Security” for NCC students on 4th August 2025.

Digital Defense: Cyber Security Awareness for NCC Cadets



by Ms. Santhoshini Sahu

- The Amaravathi Quantum Valley Internal Hackathon (Initiative of APSCHE) was organized at GMR Institute of Technology on 28th August 2025, with the participation of 14 teams comprising 6 students each. From these, top 5 teams were identified for appreciation certificate and top 2 teams were shortlisted for the semi-final round at the regional center, GVP College of Engineering, Visakhapatnam scheduled on 10th SEP. The teams worked on innovative quantum-based problem statements provided by the Amaravathi Quantum Valley Hackathon 2025. The event provided a platform for students to showcase their creativity, problem-solving abilities, and teamwork in addressing real-world challenges.

Paper Presentations and Publications (Students):

Institute Related:

Student Highlights:

- S. Sai Vamsi Rao and B. Pravallika from the Department of CSE have excelled in Summer Internship-1 and ByteXL has awarded them exciting prizes in recognition of their hard work.



Workshops/Conferences (Faculty): Conducted
Seminars/Workshops (Students): Conducted

- ACM Student chapter conducted a non-technical event "F2: Fun & Films" on 17th July, 2025 with 103 participants at the CDC Seminar Hall, block 4



- CSI organized an event titled "CODE TREK" on 23rd July 2025, held at the Project Lab from 3:00 PM to 5:00 PM, with active participation from 55 students.



- EDC conducted an event on "startup idea contest" with 14 participants on 29th July 2025 from 3pm to 4pm at networks lab, block-5.



- ACM and ACMW Student Chapters conducted an induction program "GreenHorn'25" on 6th August, 2025 for 2nd year students with 179 participants count at the Auditorium.



- Coding club conducted an event "debug and rush" with 30 participants on 12-08-25 from 3:30 pm to 5:00 pm at the Coding Lab.



- Coding club event “Coordinator Selections” was conducted in two rounds. Round-1 took place on 21-08-25 from 3:30 pm to 5:00 pm at the DA Lab with 32 participants. Round-2 was held on 22-08-25 from 3:00 pm to 5:00 pm at 5-F-01 (CSE Block) with 20 participants.



- The IEEE Student Branch Chapter – CSE conducted an expert talk on “From Campus to Corporate: Future-Ready Skills for Tech Professionals” on 7th August 2025 from 11:00 AM to 1:00 PM at Block-5, DA Lab. The session was delivered by Mr. P. Indraniel Gupta, Head of Cross-Border Logistics at Amazon, and was attended by 100 participants.
- The junior coordinator selections have been conducted successfully by ISTE



with 5 different rounds containing a technical round, group discussion, presentation, poster preparation, and ended with a final interview round.



- The CSI event “Code Jam” was organized on 25th August 2025 at the DA Lab from 4:00 pm to 5:00 pm, with a total of 54 participants.





- ACM and ACMW Student Chapters conducted "Coordinator Selections" on 19th August, 2025 for 2nd year students with 112 participant count at DA Lab, Block 5. The event focused on selecting new coordinators for ACM and ACMW Student Chapters.

Seminars/Workshops Attended (Students):

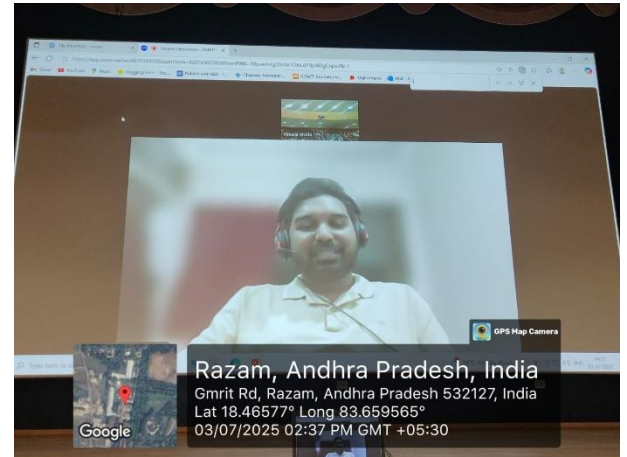
Visitors / Guest Lectures:

- Guest Lecture conducted on "Data to Destiny: A Visionary Path" delivered by Dr. Lakshminarayana Sadasivuni, Vice-Chair, IEEE India Council, Professional Activities, on 10th July 2025.



- Mr. D. Rahul Raja and Mrs. T. Sai Tapaswini alumini of CSE

interacted with 3rd sem students during induction program through online on July 3rd 2025.



- Mr. P. Indraniel Gupta delivered an expert talk on "From Campus to Corporate: Future-Ready Skills for Tech Professionals" on 7th August 2025 from 11:00 AM to 1:00 PM



Training and Placement:

- Mr. G. Mahesh(M.Tech-CSE) got placed in Mythik Entertainment Technologies Private Limited, Mumbai with 37LPA

GMR Institute of Technology
An Autonomous Institute Affiliated to JYU-CV Visnagar

CONGRATULATIONS
PLACED AT
**Mythik Entertainment Technologies
Private Limited, Mumbai**

MAHESH GORU

Package
37 LPA

**M.Tech
CSE
(2024-26)**

We're so proud of your amazing achievement.

- The OneBanc campus drive was conducted from 10th to 14th July 2025, and one student was shortlisted for the final technical round.
- OC Tanner Campus Preplacement talk and Technical round held on 21st Jul 2025, 3 Students got

shortlisted for upcoming rounds

- Cognizant conducted Round-1 (Communication Assessment) on 21st August 2025 and Round-2 on 22nd August 2025. The drive has been completed, and the results are awaited. A total of 89 CSE students participated.
- Soft Sauve campus drive confirmed on 30th & 31st Aug 2025 for Male candidates
- DeltaX campus drive confirmed, dates will be informed shortly.
- CRT training program completed for final year.
- Special training for advanced learners in collaboration with Geeks for Geeks was successfully completed by 73 students from the CSE department.

