



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:

- | | |
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IV CSE C – 22341A05H4 | 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):

- Mrs. G. Nirosha published a textbook titled "An Extensive overview of Machine Learning Algorithms and Techniques" in month of June, 2026 in COSMAS publications.

International Conference:

International Journal:

- Kalabarige, L. R., Venkataramana, A., & Rao, R. S. (2026). CSA-ACR-DenseNet121: a hybrid DenseNet121 based transformer approach for enhanced pineapple disease classification. Cluster Computing, 29(1), 11. [Indexed by SCIE, IF:4.1 Q1, <https://doi.org/10.1007/s10586-025-05826-8>]
- Dharmaraju, G., Jena, M. K., & Attada, V. (2026). A deep learning model with inception vision transformer and harmonic fusion network for solar panel fault detection and classification. Computers and Electrical Engineering, 129, 110819. [Indexed by SCIE, IF:4.1 Q1, <https://doi.org/10.1016/j.compeleceng.2025.110819>]
- Baisakh, B., Sethy, P. K., Gupta, R., Behera, S. K., & Nanthaamornphong, A. (2025). A hybrid machine vision and handcrafted features fusion based approach for fine-grained millet classification. Scientific Reports. [Indexed by SCIE, IF:4.1 Q1, <https://doi.org/10.1038/s41598-025-32311-4>]
- Sriramakrishnan, G. V., Bhavani, A., Srilakshmi, V., & Kumar, B. K. (2026). HP-ResNeXt: Hybrid Pyramid ResNeXt for Detection of Developmental Dysplasia of the Hip in X-ray Image.

Computers and Electrical Engineering, 132, 110942. [Indexed by SCIE, IF:4.9 Q1, <https://doi.org/10.1016/j.compeleceng.2026.110942>]

Patent:

- Dr. P.N. Singh published a patent "A System and method thereof for transferring cryptocurrency from a remote access wallet" on 30th January 2026.
- Dr. P.N. Singh published a patent "Method and system for flipping and scrolling the computer pages by eye blink, and eyelid movement RE" on 30th January 2026.

Faculty Achievements:

- GMRIT has received Recognition from NPTEL @ IIT Madras with a Special Active Chapter Award for completing around 500 NPTEL certifications during the July–October semester.



- Mr. D Ganesh got an appreciation certificate from APSCHE for mentoring the AQVH2025 Team in finals.
- Dr. Attada Venkata Ramana was awarded an appreciation certificate by APSCHE for serving as the Single Point of Contact (SPOC) at the institute level.

Student Achievements:

- R. Sai Vivek, V. Dinesh, K. Siva Shankar, M. Venkata Krishna, Abdul Yunus, and P. Rajeswari secured 1st Place in the Amaravati Quantum Valley Hackathon 2025 (AQVH 2025). The Grand Finale was conducted on 6th February 2026, at Dhanekula College of Engineering and Technology, Vijayawada. The team was awarded a cash prize of ₹50,000, along with Gold Medals and Appreciation Certificates. Additionally, the students received an Internship Opportunity at IBM Collaboration with TCS, in recognition of their outstanding performance.

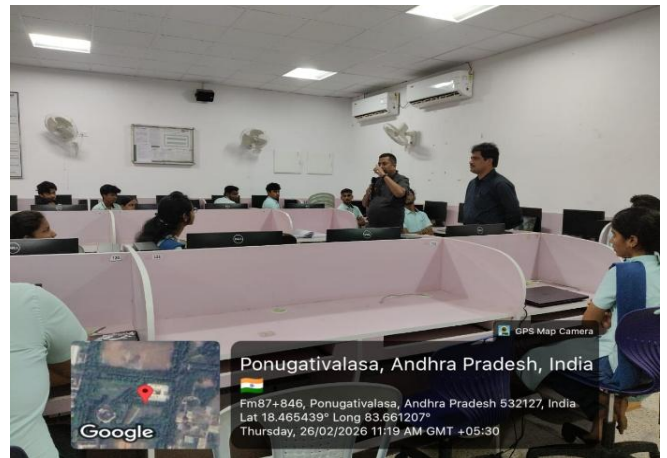


Alumni:

- Mr P. Ravi Kumar acted as a resource person for the Agentic AI workshop in STEPONE on 3rd January 2026.



- Ravi Kota (Alumni 2004 Relieved), who is working as Vice President and Chief Operations Manager at Delhi Airport, Interacted with CSE and CSE-ML Students on 26th Feb 2026.



Workshops/Conference Attended (Faculty):

- Dr. A. V. Ramana visited various companies for the 1st FSI Assessment review on 28th Jan 2026 at Vishakhapatnam.

CSE & Allied FSI Visits at Vizag



- A. Bhavani completed an online course on “Network Security Engineer” in L&T EduTech.
- D. Ganesh participated in a one-day online FDP on “optimizing the Research to Publication Journey: AI strategies and proven methods organized by IT, AITAM, Tekkali on 27th Jan 2026.
- Dr. P. N. Singh acted as a resource person on the topic "Agentic AI Apps, Ethics and Future Direction" in a one-week national FDP jointly organized by Andhra University and the Department of AIML, GMRIT on 26th Jan 2026.

Paper Presentations and Publications (Students):

Institute Related:

Student Highlights:

- Abdul Yunus, M. Venkata Krishna, and P. Rajeswari are the winners in the Quantum Quruksheetra technical event.



- Siva Teja Varshit is the runner in the AI Marathon Flagship event
- B. Krishna Chaitanya is the runner in the Stack Your Stock spot event.
- G. John was the runner in the Victory Grid Spot event.
- I Ranga Sai, J Prudhvi Raju, N Pavan Kumar, G Sai Sekhar are the winners in the Vibe with Data technical event.

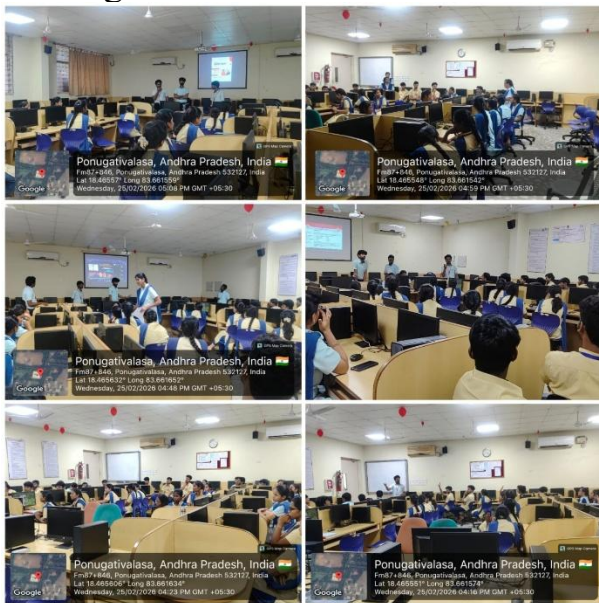
Workshops/Conferences Conducted (Faculty):

Seminars/Workshops Conducted (Students):

- AI Marathon, Qiskit, Cyber Security, Agentic AI, EDA Workshops, Prompt Master, Operation Decode, Vibe with Data technical events, Victory Grid, Reel twist, and Stack your stock spot event are conducted in STEPCONE during 2nd and 3rd January 2026.



- ACM Student Chapter, GMRIT, conducted a technical event “Online Mastery – Learn Smart, Grow Fast” on 25th February, 2026 from 4:00 PM to 5:00 PM for first year students with a participant count of 45 at the CA Lab, Block 5. The event was organized mainly to guide first-year students in exploring online learning platforms such as NPTEL and top certification programs, and to provide a clear roadmap in domains like Web Development, AIML, and Cybersecurity for their academic and career growth.

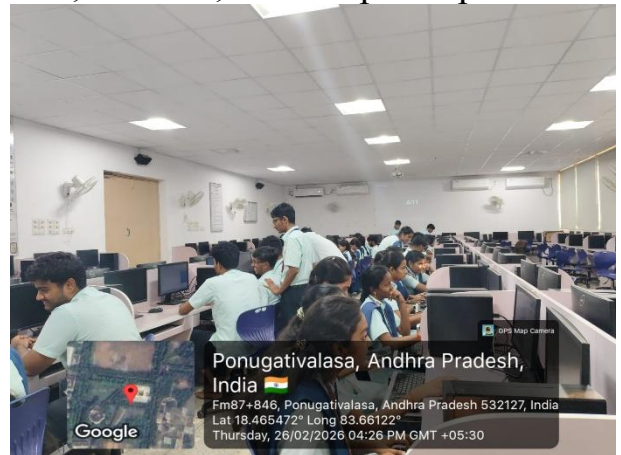


- The CSI organized an event titled “Code Arena” on 13.02.2026 from 4:00 PM to 5:00 PM at the CSE Seminar Hall, Block-5, with 50 participants.

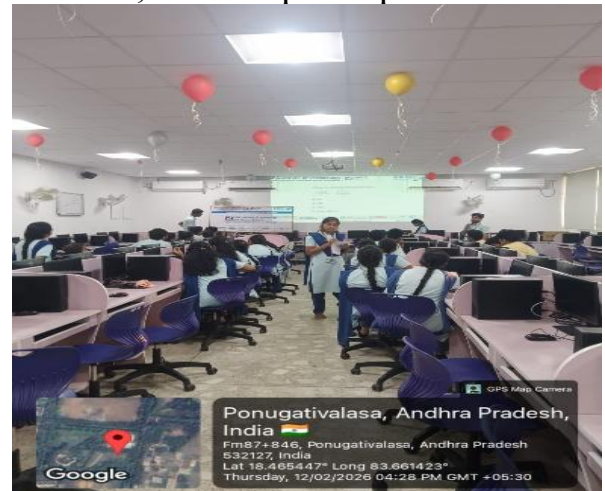


- The CSI organised an event titled “Mystery Mint” on 26.02.2026 at the DA

Lab, Block-5, with 40 participants.



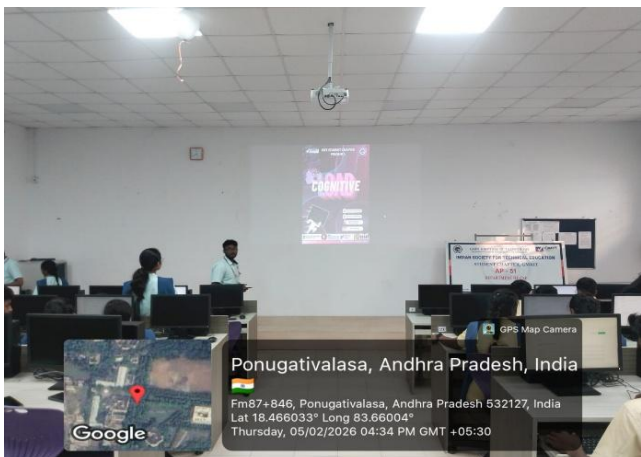
- IEEE conducted an event titled “The MAANG Puzzle” on 12-02-2026 from 4:00 PM to 5:00 PM at the DA Lab, Block-5, with 22 participants.



- The EDC organized an event titled “Trust or Trap [AI Quiz and Debate]” on 06-02-2026 from 3:00 PM to 5:00 PM at the CSE Seminar Hall for 1st and 2nd year students, with a total participation of 40 students.



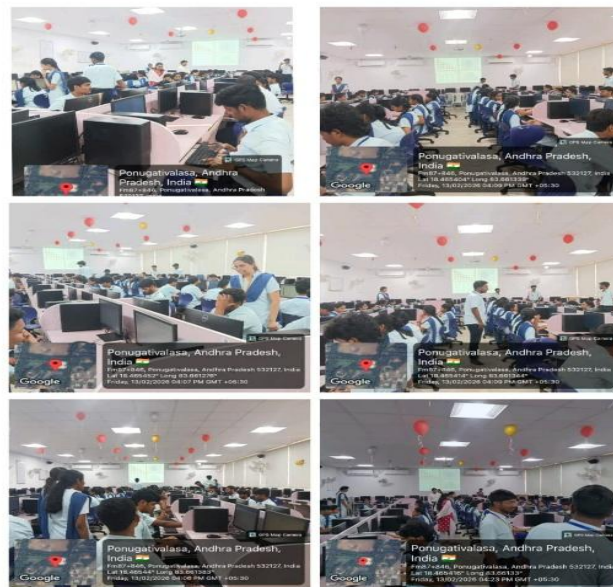
- The ISTE Student Chapter organized an event titled “Cognitive Load” on 05-02-2026 exclusively for 1st year students, with a total participation of 25 students. The winners of the event were Meghal, Sampreeth, and Satwik, while the runners-up were Bhagya Sri, Jahnvi, and Yusuf.



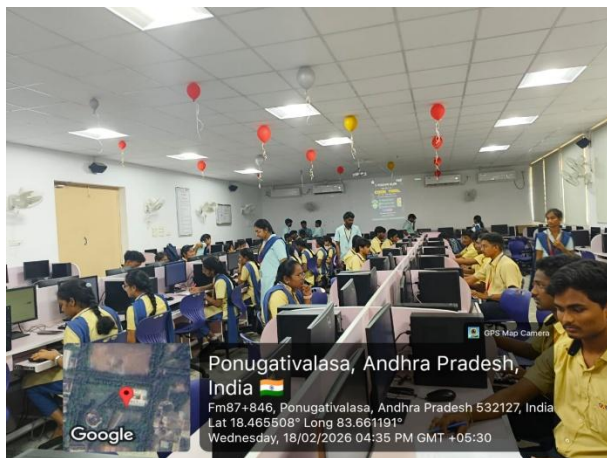
- The ISTE Student Chapter organized an event titled “Xplora” on 25-02-2026, with a total participation of 40 students, including 28 from 2nd year, 11 from 1st year, and 1 from 3rd year. The winners from 2nd year were Sriram Pabolu (AIML) and Lakshith (AIDS), while the runners-up were Divya Sameera (CSE) and Nissi Prakash (Mechanical).



- ACM-W Student Chapter, GMRIT conducted a technical event “Pattern2Code – Where Logic Meets Pattern” on 13th February, 2026 from 3:30 PM to 5:00 PM for 2nd and 3rd year students with a participant count of 43 at the DA Lab, Block 5. The event was organized mainly to enhance logical thinking, strengthen coding skills, and encourage problem-solving abilities among the participants.



- Coding club conducted an event titled “Code Trail” on 18-02-2026 from 3:30 PM to 5:00 PM at the DA Lab for 1st year students, with a total participation of 43 students.



Seminars/Workshops Attended (Students):

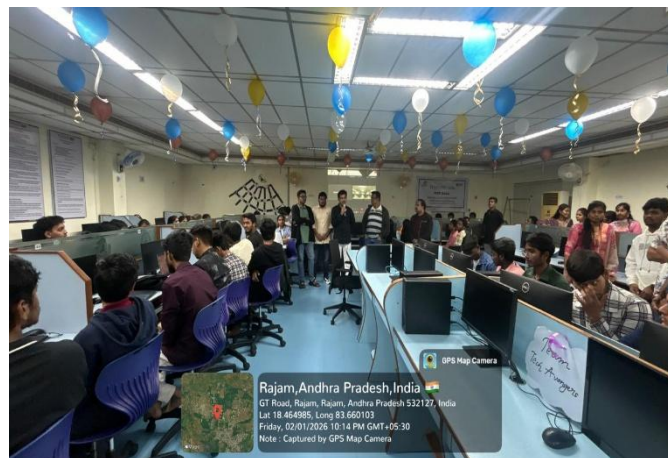
- 35 students have completed the 26-hour training program on “Cyber Security” in association with the ICT Academy under the IBM CSR Project from 5th Jan to 8th Jan 2026.



- 55 students participated in the AI Marathon (Flagship) event conducted on 2nd Jan 2026 from 10:00 PM to 8:00 AM.



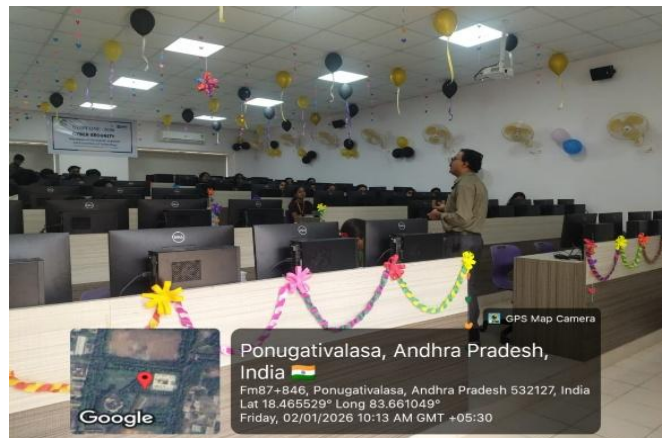
- 68 students participated in the Web Saga (Flagship) event conducted on 2nd Jan 2026 from 10:00 PM to 8:00 AM.



- 45 students participated in the Qiskit Workshop event conducted on 2nd Jan 2026 from 2:00 PM to 4:00 PM.



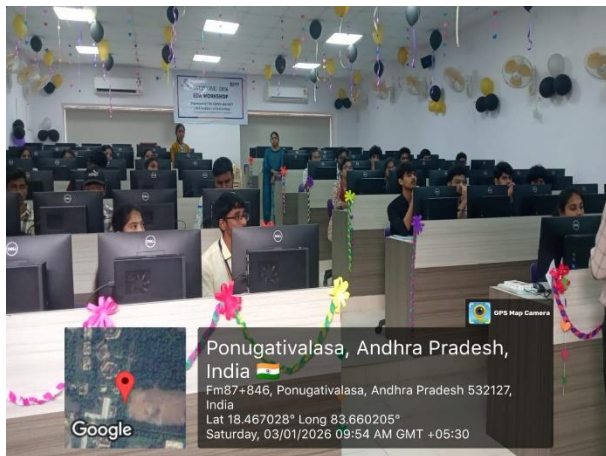
- 42 students participated in the Cyber Security Workshop event conducted on 2nd Jan 2026 from 10:00 AM to 12:00 PM



- 35 students participated in the Agentic AI Workshop event conducted on 3rd Jan 2026 from 10:00 AM to 12:00 PM



- 10 students participated in the EDA Workshop event conducted on 3rd Jan 2026 from 10:00 AM to 12:00 PM

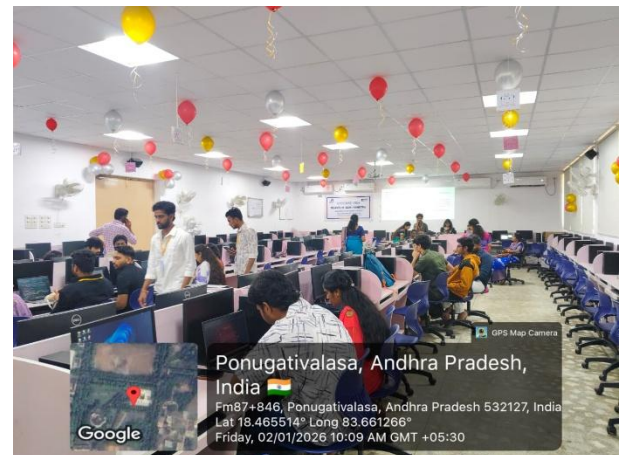


- Prompt Master technical event Conducted with 31 participants on 2nd Jan 2026 from 11:00 AM to 1:00 PM



- Quantum Qurukshetra technical event conducted with 27 participants on 2nd

Jan 2026 from 9:00 AM to 1:00 PM



- Operation Decode technical event conducted with 25 participants on 3rd Jan 2026 from 9:00 AM to 12:00 PM



- Vibe with Data technical event Conducted with 48 participants on 2nd Jan 2026 from 2:00 PM to 5:00 PM



- 41 students participated in Victory Grid spot event on 2nd and 3rd Jan 2026.



- 4 students participated in Reel twist spot event on 2nd Jan 2026.



- 3 students participated in Stack your stock spot event on 2nd Jan 2026.
- 10 students participated in the Project Exhibition event conducted on 2nd Jan 2026.



Visitors / Guest Lectures:

- Mr. Sanjay Chittore, Founder & CEO of Quantum AI, delivered a session on “Quantum Computing” on 6th January 2026.



- Ms. Sreema Nalla Sivam from HARTS addressed the students and faculty of GMRIT-Deemed to be University on the themes “Shining on the Global Stage” and “Faculty and Industry as Partners in Shaping Futures.” She emphasized global competencies, innovation, and leadership, while highlighting the importance of strong academia–industry collaboration to prepare students for future-ready careers on 18th Feb 2026.



Training and Placement:

- Infosys selected one student for the DSE role with 7LPA and one student for the SP role with 11LPA.
- LTI Mindtree completed interviews for 46 students on 21st Jan 2026.
- MyCaptain selected three students on 06-01-2026.
- The Top Coders examination was conducted for 2nd and 3rd year students to assess their coding and problem-solving skills, with participation from 228 third-year students and 107 second-year students on 23rd and 24th Jan 2026.
- The Campus Drive of Delta Technologies was conducted on 3rd February 2026, and the final round of interviews is scheduled to be held on 12th February 2026 at the Delta Technologies Hyderabad office, with five candidates shortlisted to attend the final round.
- The Campus Recruitment Online Test of HashedIn was conducted on 10-02-2026, and the next round of interviews is scheduled on 12-02-2026 at GITAM, Vizag, with nine students attending the interview round.
- The campus drive conducted by Vayu Group on 25-02-2026 resulted in eight students being shortlisted for the final round of interviews.
- The campus drive conducted by Hike Education on 26-02-2026 resulted in six students being shortlisted for the final round of interviews.
- Infosys invited HackwithInfy Registrations for 2027 Passouts.
- The ICICI campus drive, conducted on Feb 2nd and 31st January 2026, resulted in the selection of 13 students with a package of 5 LPA.