



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. Paras Nath Singh has presented a paper titled “Post-Quantum Cryptography Using Lattices” at the 6th Global Conference for Advancement in Technology (GCAT) from 24th to 26th October 2025.
- Dr. P.N. Singh Paper presented “Redefining Deep Learning Across NLP, Image Classification and Beyond - Vision Transformers” in IEEE International Conference ICTBIG 2025 hosted by Symbiosis University of Applied Sciences, Indore, on 12-13 Dec 2025.

International Conference:

- Kavitha, K., JagadeeswaraRao, G., Vital, T. P. R., Sekhar, C. C., Vemala, R., & Marpu, S. (2025, July). An IoT-based Two-Level Authenticated Driving System. In 2025 International Conference on Computing, Intelligence, and Application (CIACON) (pp. 1-7). IEEE.

International Journal:

- Solomon, A. A., Agnes, S. A., & Sridhar, J. (2025). “A BIM-enabled life cycle approach to evaluate global warming potential and embodied carbon in building materials”, Engineering Research Express, 7(4), 045118. [Indexed by SCOPUS, <https://doi.org/10.1088/2631-8695/ae14b2>]
- Muralikrishnan, R., Gollapalli, Suneel., Sellappan, E., Prasanya, J., Murali, V., & Vijayakumar, A. (2025). “Machine learning-driven prediction and interpretation of air quality index in industrial environment”, Asian Journal of Civil Engineering, 1-19. [Indexed by

SCOPUS,

<https://doi.org/10.1007/s42107-025-01572-9>]

- Pravallika, A.; Srinuvasa Rao, D (2025). “SDN-Enabled Deep Learning Framework For Dynamic Network Slicing In 5D Environments”, Journal of Environmental Protection and Ecology, 26(6), 2306 - 2316 [Indexed by SCOPUS, https://scibulcom.net/en/article/1311-5065_2025_26_6_2306-2316]
- Sirish Kumar P , K. Kavitha, Ashok Kumar N , P Krishna Rao , Srilatha Indira Dutt Vemuri ,JagadeeswaraRao G & Jayalaxmi A, "Evaluating Deep and Classical Learning Models for Spatiotemporal GPS Trajectory Forecasting with Reliable Uncertainty Bounds" International Journal of Computing and Digital Systems 2025, VOL. 18, NO. 1, 1–13 [Indexed by SCOPUS, <http://dx.doi.org/10.12785/ijcds/1571148776>]
- Potnuru, U. K., Teegala, S. K., Kalabarige, L. R., Ippili, V., & Holla, M. R. (2025). Dataset for optimized design parameters of three-phase induction motors with validation through machine learning. Data in Brief, 112274. [Indexed by SCOPUS, <https://doi.org/10.1016/j.dib.2025.112274>]

Patent:

- Dr P.N. Singh published a patent, “A system and method thereof for post-quantum cryptography using lattices” on December 19, 2025.
- Dr. K. Kavitha published a patent “Computer Device for Analysing Crime Pattern” on 20th November 2025.

Faculty Achievements:

- Dr A.V. Ramana received Jyestha Acharya Award from Brainovision under Bharath Education Excellence Awards on October 25th, 2025.



- GMR Institute of Technology received the Recognizing Exemplary contribution of the Research and Education sector under Bharath Education Excellence Awards on October 25th, 2025



- Mr D. Hari Krishna received appreciation for the SVP 22 project titled “Digital Learning Corners” implemented at Government High School, Munakalavalasa, from 15th August to 25th November 2025.
- Mrs M. Sravani was awarded the Elite+Gold badge for completing the 12-week NPTEL course titled “Artificial Intelligence in Drug Discovery and Development.”

- Ms. Santhoshini Sahu received NPTEL mentor certificate on the course Operating Systems Fundamentals.
- Mr. Baisakh have been invited as a speaker in the symposium 2025 “Exploring Frontiers: AI Opportunities in Bio-Sciences and Beyond” on 21st Dec 2025.

Student Achievements:

- B. Pravallika, B. Sindhu, A. Pavan Kumar, and Bharath Kumar, representing the team “Mind Matrix,” participated in the 36-hour Gen AI Hackathon conducted by Genaiversity and secured First Prize, receiving a cash award of ₹25,000, held on 13–14 December 2025 at JNTU Vizianagaram.



- I. Eswari and T. Ramya were selected for the NPTEL 4-week Internship Program, conducted virtually from December 22, 2025, to January 18, 2026.

Alumni:

- An in-person Grad Talk was conducted with our alumnus, Mr Kalyan Ram (Chemical Engineering, 2006) from Dallas, on 24th November 2025. We were delighted to hear about his successful journey across leading tech companies in the US.



- M. Tech alumni Mr Ramanajaneyulu (2013-15) and Mrs Aswini(2015-17) have been appointed as Assistant Professors at IIIT Gwalior and NIT Trichy, respectively.

Workshops/Conference Attended (Faculty):

- Dr. P. N. Singh served as the External Examiner (Doctoral Committee Member, VIT Vellore) for the PhD Synopsis submission conducted on 11th November 2025.
- Dr. P. N. Singh has been appointed as an Expert Evaluator for School Projects by AICTE, Government of India. The initiative invites Expressions of Interest (EOI) from qualified academicians, innovators, start-up founders, researchers, and professionals to evaluate ideas submitted by schools.
- Dr. S. Akila Agnes has completed the 4-week online NPTEL course on “Introduction to Quantum Computing: Quantum Algorithms and Qiskit.”
- Mrs. M. Maanasa, Mrs. T. Anusha, Ch. Aruna Kumari, Ch. Bhanu Tej and K. Ganesh have completed the 12-week online NPTEL course on “Cloud Computing”.
- Mr A. Kusaraju has completed the 4-week online NPTEL course on “Python for Data Science”.
- Dr. A. V. Ramana attended as a Session Chair at the International Conference ICEMTA-2025, held at AITAM, Tekkali, on 12th December 2025.



- Dr. A.V.Ramana attended ICT BRIDGE Conference 2025, @Vijayawada on 30th December.



Paper Presentations and Publications (Students):

- K. Megha, I. Raghavendra, N. Amarnadh, P. Durga Prasad published a paper “A Review of Personalised Course learning platforms using chatbots, visualisation and gamification technique” in the International Journal of Research Publication and Reviews.
- P. Tejaswini, Shivam Sharma, T. Lucky Joy, P. Ramya Sai published “AI-Powered chatbot for historical insights and real-time air quality predictions” in the International Journal of Research

Publication and Reviews.

- V. Jaya sri, T. Sowmya Bhavani, P. Abhinaya, P. Mano Abhinav, P. Yugandhar published “Floracure: Identifying medicinal plants for traditional therapies” in the International Journal of Research Publication and Reviews.
- K. Ganapathi, G. Jayaram, K. Siva Sai, H. Nani published “Review on network anomaly detection using machine learning” in the International Journal of Research Publication and Reviews.
- P. Sravanthi, S. Naveen Sai Kumar, S. Divakar, V. Sai Suchitra, Shaik Abdul Rajak published “vision-Based assistive navigation system for the visually impaired using YOLOv8” in the International Journal of Research Publication and Reviews.
- P. Pooja, J. Ramya, V. Neeyati, L. Sai Viroop, M. Roshan, A. Sai Sriram published “Post-Quantum cryptography using Lattices” in IEEE International Conference.
- Y. Anusha, S. Sirisha, P. Susmitha, P. Sruthi, R. Tejeswara Rao published “Automated real-time dress code violation detector” in the International Journal of Research Publication and Reviews.

Institute Related:

Student Highlights:

- 180 Students Successfully completed NPTEL Certification courses during odd semester July-Nov-2025 Courses Like, Operating Systems, Ethical hacking, Programming in Modern C++, Computer Vision, Software Engineering and Computer Organization & architecture.

PROUD MOMENT FOR GMRIT

NPTEL RESULTS
July–Nov 2025

- ✓ 458 students certified (60% success rate)
- ✓ 38 faculty certifications

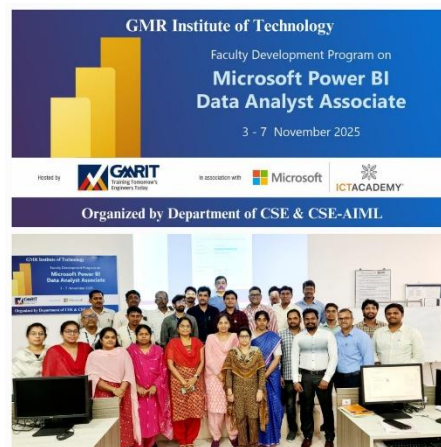
GMRIT Local Chapter received Special Award under Active & Prospects

Congratulations to all students and faculty!

GMRIT Training Tomorrow's Engineers Today | **NPTEL**

Workshops/Conferences Conducted (Faculty):

- Dr. A. V. Ramana conducted a one-week Faculty Development Program in association with ICT Academy on “Microsoft Power BI Data Analyst Associate,” attended by 31 participants and organized by the Department of CSE, GMRIT, Rajam, from 3rd to 7th November 2025.



Seminars/Workshops Conducted (Students):

- The event DIGITAL DETECTIVES was held on 5th December 2025(Friday), which was conducted in the CA Lab from 4:00 to 5:00 pm. It is a

double-rounded technical event designed to test creativity and core programming skills. This team-based competition challenged groups of two students to decode logic, interpret visual clues, and debug real-time code snippets, making it a complete test of problem-solving ability. The event fostered collaboration, logical thinking and structured problem-solving skills in an interactive and engaging manner. The event witnessed enthusiastic participation, with a total of 71 participants, and was conducted successfully. The team of M. Rama and P. Thanmai from CSE emerged as the Winners, securing the top spot. They were closely followed by the Runners-up, G. Sravani and Ch. Rohini.



- ACM Student Chapter conducted a non-technical event “The Joy Junction” on 18th December, 2025, for 2nd and 3rd year students with a participant count of 38 at the CSE Seminar Hall, Block 5. The event was organised mainly to entertain and engage the students.



- CSI conducted an event Quiz Quest, with 30 participants on 09 December 2025 from 4:00 PM to 5:00 PM at the DA Lab, Block-5. After a competitive session, Mullu Sravani (Roll No: 24341A05D9) emerged as the Winner, while Uday (Roll No: 24341A4217) secured the position of Runner-up.





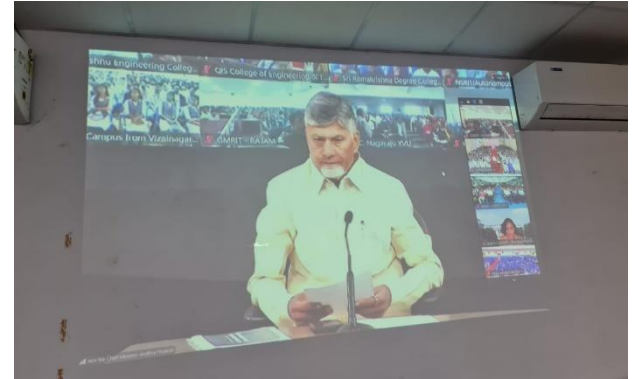
- IEEE student Branch conducted an event “QUIZ TIME” with 120 participants in the DA Lab on 19th December 2025.



Seminars/Workshops Attended (Students):

- 12 students participated in the 36-hour Gen AI Hackathon conducted by Genaiversity, held on 13–14 December 2025 at JNTU Vizianagaram.
- Chief Minister of AP Sri N. Chandrababu Naidu garu interacted with students through an online session

on the theme “Viksit Bharat 2047: Future Opportunities and Emerging Innovations and Technologies,” conducted via Quantum Valley, Amaravati, on 23 December 2025.



Visitors / Guest Lectures:

Training and Placement:

- Infosys conducted the Specialist Programmer Campus Recruitment Drive on 21st November 2025 at ANIT, Vizag. A total of 90 students attended the written test, and 4 students from CSE were shortlisted for the interview.
- TCS Codvite results came for Round -1, 12 students got shortlisted for the next round
- TTech conducted a campus placement drive in which six students were selected, each receiving an offer of 3.15 LPA on 20.12.2025.
- Infosys invited students for its Winter Internship Program starting from 22nd December 2025 for a duration of 18 weeks, and 47 students reported to the Infosys Mysore campus.