



## 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-Cyber Security
- 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

## Achievements:

- Guest Talk- Learn from the Top 1% is organized by Dr V Prasad in association with Nextwave on 29.09.2022 at 6 PM for all students of 2nd and 3rd Years of GMRIT. Resource Person : Mr Vivek & Mr.Bhargava, IIT Madras
- Dr K Srividya and Dr M Satish are promoted as Associate Professor in the Dept of CSE.
- Dr. A. V. Ramana (HOD-CSE) and Dr. M. Satish (Sr. Assistant Professor) Received Bhisma Acharya Award on the eve of Teachers Day organized by BEE at Andhra University, Visakhapatnam on 04-09-2022.



- Dr M. Satish (Sr. Assistant Professor) received Appreciation for his performance in Academic work with commendable classroom performance and research contribution towards the growth of the department and the institution at large on 05-09-2022 at GMRIT.
- 84 Students attended KICCS-D-HACK 22.4 organized in Sep 24, 2022 by KIET in Hackerrank Coding Platform.

- Mr D Vijay Prakash, conducted a central level music event on 24th Sep 2022 “Talentia” bringing out the skills of young minds.
- Teachers Day Celebrations organized in the Dept on 05.09.2022
- Engineers Day Celebrations organized in the Dept on 15.09.2022
- Dr A Venkata Ramana, Professor & Head CSE Dept was sanctioned with a project worth cost Rs 32.70 Lakhs by Science for Equity and Development(SEED) Division on 12th October 2022.



- 40 CSE Students from CSE ( Second, Third and Final Year ) had participated in NCC Annual training Camp-IV organized from 23.09.2022 to 30.09.2022
- B Tarun Teja ( 20231A0524) was awarded / appointed as Best Camp Appointment Lead for the NCC Camp organized from 23.09.2022 to 30.09.2022 as Annual training Camp-IV
- Mr. S Durga Prasad ( 19341A05H9) was awarded the Best NSS Office for the Academic Year 2021-22 for the service which are put on for the AY

2021-22 on the eve of NSS Day, 24th Sep 2022.

- Sk Akram 213414240 CSE-AIML was the Winner for Poster Presentation Competition held by ISTE for STEPCONE 2023.
- CSE Students Team “ Wrecked Machines” won the 1st Prize along with Cash Prize of Rs 12000, in Robo Wars organized by Robotic Club organized by the Department of ECE from 15.10.2022 to 22.10.2022

## Placements:

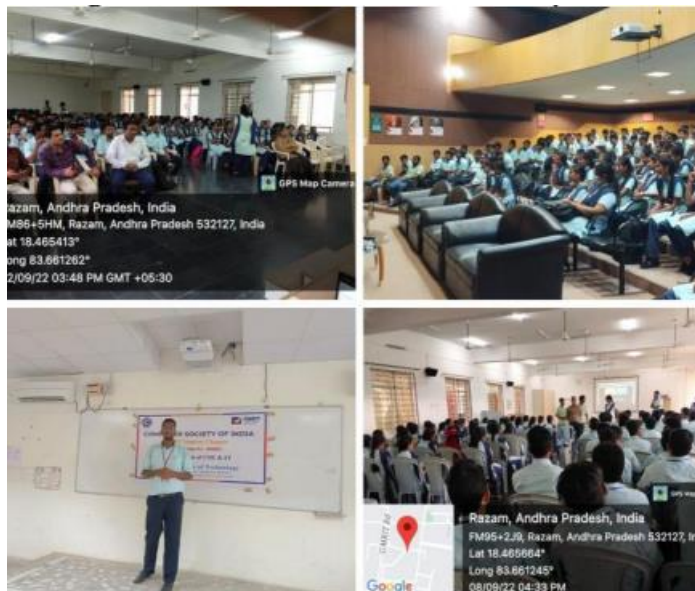
- 12 CSE Students, 2023 Passouts are selected in SopraSteria Placement Drive with a Package of 6.0 LPA
- 08 CSE Students, 2023 Passouts are selected in Happiestminds Drive with a Package of 5.4 LPA
- 06 CSE Students, 2023 Passouts are selected in Brillio Placement Drive with a Package of 6.0 LPA
- 21 CSE Students 2023 Passouts selected in CTS for the packages 4.5LPA and 4.0LPA under the categories of GenC Elevate and GenC.
- 01 CSE Student 2023 Passout Kemburi gayatri selected for IBM as SDE with 11 LPA.
- 01 CSE Student 2023 Passout G Nandasriram selected for IBM as SDE with 7.25 LPA.
- 01 CSE Students, 2023 Pass out is selected in Evolutyz Placement Drive with a Package of 3.5 LPA
- 02 CSE Students, 2023 Pass out is selected in Innovidutech Placement Drive with a Package

of 7.0 LPA

## Seminars/Workshops/Conferences attended/conducted:

- 03 faculty of CSE attended a Faculty Development Programme titled, “**Advanced Training Program on AI & ML**” organized by **WIPRO from 05-09-2022 to 09-09-2022.**
- 02 faculty and one Lab programmer of CSE attended an FDP titled, “**Workshop on Blockchain Technology by TCS**” organized by **TCS from 06.09.2022 to 10.09.2022.**
- 181 CSE Students had Interacted with Principal on 23.09.2022 regarding their future goals as a part of Induction Program
- CSE-AIML & AIDS Students had Interacted with Principal on 29.09.2022 regarding their future goals as a part of Induction Program
- Get Ready -2024 Program is organized by CDC on 15.09.2022 for 211 Students of 2024 Passouts.
- 39 CSE Students attended the blockchain workshop organized by TCS from 6th to 12th September 2022
- 03 CSE Students attended the Interaction Program “Need to Change, Change is Inevitable, Lets Change ” with Chairman APSCHE Prof K Hemachandra Reddy on 24.09.2022 at JNTUGV Vizianagaram
- **GMRIT CSI Student Chapter** under the guidance

of Dr. M. Satish, has organized the event **Fledings** on 08/09/2022 in Seminar Hall from 3:20 to 5:00 PM with 148 students.



- GMRIT CSI Student Chapter under the guidance of Dr. M. Satish, has organized the event **Interaction with SIH Teams** on 12/09/2022 in Auditorium from 3:20 to 5:00 PM with 231 students.
- GMRIT CSI Student Chapter under the guidance of Dr. M. Satish, has organized the event **Talkathon** on 15/09/2022 in E- Classroom from 3:20 to 5:00 PM with 40 students.
- GMRIT CSI Student Chapter under the guidance of Dr. M. Satish, has organized the event **Fledings 2.0 Event** on 22/09/2022 in CSE Seminar Hall from 3:20 to 5:00 PM with 236 students.
- ACM- W conducted the event **Mernok Heyday (JAM and Debate)** on 14/09/2022 (Round 1) and 15/09/2022 (Round 2) with 75 students.

**WINNERS: P. Thaviti Naidu (21341A12A3) and G. Meghana (20341A0547)**

- ACM- W conducted the event **REALM OF IT** by ACM Coordinators on 01/09/2022 with 100 students.
- ACM- W conducted the event **APTI CODE** on 29/09/2022 with 140 students.
- ACM conducted the event **Code linguistics for CSE/ IT** on 15/09/2022 with 99 students. **Winners are: Bhargav Ratnala (21341A0518) and Ram Prasad Chippada (21341A0530)**
- ACM conducted the event **Domains in IT** for 2<sup>nd</sup> year CSE A, B, C on 22/09/2022 with 82 students.
- ACM conducted the event **Greenhorn'22** for CSE/ IT on 24/09/2022 with 101 students. **Winners are M. Gagan Aditya (21341A05A9) and L. Moubika (21341A4230)**



- ACM conducted the event **ACM web hackathon**

for CSE/ IT on 18/09/2022 with 18 students. Winners are yet to be decide.

- ISTE conducted the event **Online Platform for Competitive Programming for CSE** on 24/9/2022 at 11:30am-12:30pm with 205 students in Auditorium.
- GMRIT CSI Student Chapter under the guidance of Dr. M. Satish, has organized the event **Small Code Event** on 13/10/2022 in Interactive Lab from 3:20 to 5:00 PM with 45 students.



- GMRIT CSI Student Chapter under the guidance of Dr. M. Satish, has organized the event **Bug Buster Event** on 20-10-2022 in CA Lab from 3:20 to 5:00 PM with 53 students.



- ISTE conducted the event **What If?** for CSE/ IT on 06-10-2022 at 03:00 pm-05:00 pm with 30 students in Seminar hall.
- ISTE conducted the event **Place O Meter** for CSE/ IT on 15-10-2022 at 02:00 pm-05:00 pm with 33 students in CA Lab.
- 05 faculty of CSE attended a Faculty Development Programme titled, **“Recent Trends in Web Application Development for Industry 4.0”** organized by IT from 18-10-22 to 22-10-22.
- 03 faculty of CSE completed the course titled, **“Introduction to Machine Learning”** organized by NPTEL from July to September.
- Dr V Prasad had attended CII Visakhapatnam Industry Academia Summit 2022 entitled **“Academic Excellence through Industry Institute Collaboration”** on 30th Sep 2022 @ Vishakhapatnam.

### Add on Courses:

- Phase II Wipro Talent Nxt Program conducted for 310 students( 2023 Passouts) from 5th to 15th Sep 2022
- Milestone 4 of Wipro Talent Nxt is cleared by 221 from 310 Students of CSE, IT, ECE and EEE.
- 23 Students of 2024 Passouts had been nominated themselves for Juniper Courses.
- 49 CSE Students 2024 Passouts attended the MPTEL Online Certification Exam on 25.09.2022
- 44 CSE Students (2020 Admitted )cleared the NPTEL Certification for the Course **“Introduction**

to Machine Learning” offered by IIT Kharagpur under Swayam NPTEL process for the Exam Conducted on 25.10.2022.

- Third Year 84 Students registered for “Service Now Fundamentals on Demand” Course for CSA Certification, in which 79 Students completed 19 Modules in 16 Hours and gained the Badge and Voucher organized by ServiceNow Pvt Ltd on October 27th, 2022.
- Fourth Year 40 Students registered for “Service Now Fundamentals on Demand” Course for CSA Certification, in which 39 Students completed 19 Modules in 16 Hours and gained the Badge and Voucher organized by ServiceNow Pvt Ltd on October 27th, 2022.
- 24 CSE Students from Third Years (2020 Admitted ) attended a 3 Day Workshop on Cyber Security organized by the Department of Information Technology from 17.10.2022 to 19.10.2022
- 05 CSE Students ( 2020 Admitted) had attend CII Visakhapatnam Industry Academia Summit 2022 entitled “ Academic Excellence through Industry Institute Collaboration” on 30th Sep 2022 @ Vishakhapatnam.

### Alumni:

- Bonnari Prem, 16341A0520, 2020 Passout had initiated a firm related to Transportation, “ Balaji Lorry Service Pvt Ltd” on Sep 2022
- Attada Siva Sai 16341A0515, 2020 Passout got

admission into M.Tech, CSE IIT Hyderabad

### Paper Presentations and Publications:

- S Akila Agnes, J Anitha, A Arun Solomon, “Two-stage lung nodule detection framework using enhanced UNet and convolutional LSTM networks in CT images”, Computers in Biology and Medicine, Volume 149, Sep 2022,106059,ISSN 0010-4825. [Indexed by SCI, Impact Factor: 6.698, Q1. Link: <https://doi.org/10.1016/j.compbimed.2022.106059>]
- Nalinipriya, Ganapathi, Maram Balajee, Chittibabu Priya, and Cristin Rajan. "Ransomware recognition in blockchain network using water moth flame optimization-aware DRNN." Concurrency and Computation: Practice and Experience 34, no. 19 (2022): e704 [Indexed by SCI, Impact Factor: 1.831, Q2. Link: <https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.7047>]
- Vadamodula, P., Cristin, R., Daniya, T. “Design and Development of a Digital Preservation Voice Enabled Application for Cultural Heritage Towards Fishing in Vernacular Language” Pervasive Computing and Social Networking. Lecture Notes in Networks and Systems, vol 475. Springer, Singapore, 2023.
- Sahu, S., Maram, B., Gampala, V., Daniya, T., Analysis of Road Accidents Prediction and Interpretation Using KNN Classification Model, Emerging Technologies in Data Mining and Information Security. Lecture Notes in Networks and Systems, vol 490. Springer, 16, September 2022, Singapore.
- Venkataramana, Attada, K. Suresh Kumar, N. Suganthi, and R. Rajeswari. "Prediction of Brinjal Plant Disease Using Support Vector Machine and Convolutional Neural Network Algorithm Based on Deep Learning." Journal of Mobile Multimedia,

Vol 18, issue 3, Pp.771-788. [Indexed by SCOPUS, Impact Factor:0.28, Q2. Link: <https://journals.riverpublishers.com/index.php/JM/article/view/11153>]

- B.Anil Kumar,K.Srividya,A.Mary Sowjanya,"Covid-19 classification using sigmoid based hyperparameter modified DNN for CT scans and Chest X-rays", Multimedia tools and applications,September[Index by SCIE, Impact Factor:2.575, Q1. Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9485800/>]
- Someswari Perla, G.Balaji, "Detection of Lung Cancer from X-ray Images using Deep Learning - A Survey", Neuro Quantology Journal, Volume 20, Issue 9, September 2022.
- Lakshmidhevi N, Anil kumar B "Covid-19 and Viral Pneumonia Chest X-ray images Classification using a Deep Learning based Learning Model", Neuro Quantology, September 2022, Volume 20, Issue-13, Page 601-608,doi:10.14704/nq.2022.20.9.NQ88080, eISSN 1303-5150.(Scopus Indexed)
- S. Kotagiri, A. Venkataramana and G. Kiran, "Blind Aid: State of the art for Scene Text Detector and Text to Speech," 2022 International Conference on Advanced Computing Technologies and Applications (ICACTA), 2022, pp. 1-5, doi: 10.1109/ICACTA54488.2022.9753094.
- A.Bhavani, A V Ramana, ASN Chakravarthy, "Comparative analysis between LSTM and GRU in Stock price prediction", IEEE International Conference on Edge Computing and Applications (ICECAA 2022) Gnanamani college of technology, Namakkal, Tamilnadu on 13-15 Oct 2022.
- Sahu, S., Maram, B., Gampala, V., Daniya, T. "Analysis of Road Accidents Prediction and Interpretation Using KNN Classification Model" , Emerging Technologies in Data Mining and Information Security. Lecture Notes in Networks and Systems, vol 490. Springer, Singapore,2023.
- Srikanth, P., & Behera, C. K. A Machine Learning framework for Covid Detection Using Cough Sounds. In 2022 International Conference on Engineering & MIS (ICEMIS) (pp. 1-5). IEEE.,2022.
- Srikanth, P., & Behera, C. K. An Empirical study and assessment of minority oversampling with Dynamic Ensemble Selection on COVID-19 utilizing Blood Sample. In 2022 International Conference on Engineering & MIS (ICEMIS) (pp. 1-7). IEEE.2022 International Conference on Engineering & MIS (ICEMIS),IEEE, Istanbul, Turkey,2022.
- Someswari Perla, Naga Nimesh K, Srinidhi Potta, "Implementation of Autonomous Cars using Machine Learning", International Conference on Edge Computing and Applications (ICECAA 2022), October, 2022.