May – June - 2022

GMRIT Training Tomorrow's Engineers Today

CSE NEWSLETTER

ISSUE-3

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:

- All 4th sem and 6th sem students of CSE registered for APPSCHE courses offered by Government of Andhra Pradesh.
- Out of 207 students registered for Aws Academy Machine Learning Foundations 48 2nd Year students have completed the AWS Academy Machine Learning Foundations course and remaining students are doing the course.
- 12 Students completed their AWS Educate Courses.
- 179 students from III CSE doing courses from course.
- Sensitization program on JUNIOS for the students of GMRIT by Juniper networks resource person on 31-05-2022.
- GMRIT CSI Student Chapter organized an event "Android App development for begineers" on 09-05-2022 to 13-05-2022, with a total of 85 participants.

- GMRIT ACM-Student Chapter organized , "Snapper" a Photo contest under Technovate,2022, 29th April 2022, with a total of 74 participants.
- Mr Rajesh Dhuddu, Block Chain and Cyber Security Leader _ Tech Mahendra, addressed on the topic "Enterprise Road Map for Blockchain Adoption" on 26th June 2021 for the entire faculty of CSE along with Third and Final CSE Students.
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- B.Adarsh, of III CSE bagged 1st position in **Codeathon** competition organized by GMRIT CSI student chapter.
- Department of Computer Science & Engineering in association with Andhra Pradesh Information Technology Academy (APITA) and CEMCA organized A Five day Online FDP on "AI - ML and Teaching Methodologies" from 20th – 24th June 2022.

- S,Tarun Teja Reddy of II CSE bagged 2nd position

in **Codeathon** competition organized by GMRIT CSI student chapter.

- K.Pratyusha of III CSE bagged 1st position in **Ideathon** competition organized by GMRIT ACM-W student chapter.
- P.Charishma , P.Deepika of II CSE won 2nd position in **Ideathon** competition organized by GMRIT ACM-W Chapter
- G.Praneeth of III CSE won 2nd position in **ACM monthly codeathon** competition organized by GMRIT ACM Chapter
- N Sri Harsha, who was the topper in NPTEL Course Python got interviewed for the post of Content Developer for IIT Madras Online Degree Project, he was selected with a monthly payment of 40,000 Rs per month.
- Anirudh Trivedhi K successfully completed Online Certification for NSE 1 & 2 Network Security Associate and licensed from June 12, 2021 to June 12, 2023 from NSE Training Institute, Fortinet
- Wipro Future Skills Registrations 2021, out of 152 eligible for Wipro Future Skills 118 Completed AI and 39 Completed Cloud Computing in the NASSCOM Portal.
- 85 third year CSE students are nominated from CSE in Wipro Talent Next Training Program-2021 organized by Wipro for 200+ Hours which initiates from 21.06.21
- 174 CSE 8th Sem Students are undergoing CRT from 21.06.2021 for 10 Days on Python, Soft Skills and Aptitude
- HOD CSE addressed all the 2020 Admitted CSE Students on the topic "CSE Career Options and Startegy" on 27th June 2021

Placements:

- 01 Student of final year CSE are selected for Wipro Pvt Ltd with a Pay Scale of 3.5 LPA
- 01 Student of final year CSE is selected for Nagarro Pvt Ltd with a Pay Scale of 3.5 LPA
- 01 Student of final year CSE is selected for Hexaware with a Pay Scale of 3.5 LPA
- 20 Students of final year CSE are selected for Infosys- APITA with a Pay Scale of 3.5 LPA
- 09 Students of final year CSE are selected for Accenture with a Pay Scale of 4.0 LPA
- 02 Students of final year CSE are selected for L & T with a Pay Scale of 5.0 LPA

Seminars/Workshops/Conferences attended/conducted:

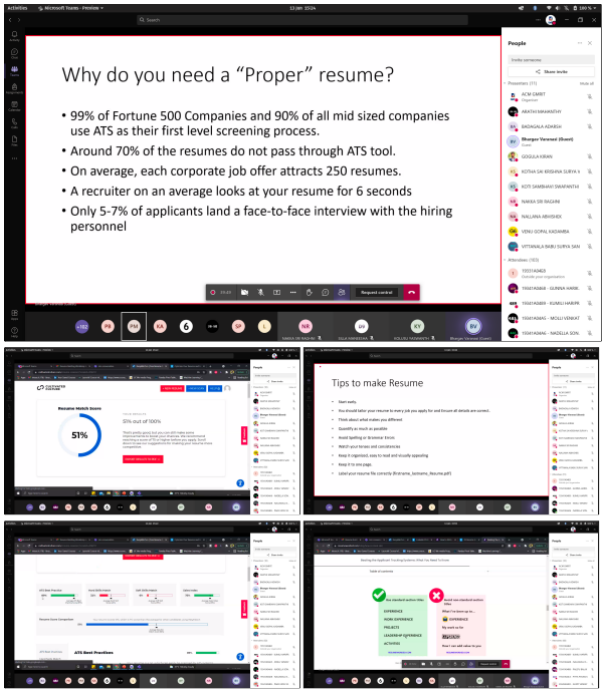
- Ms.Ashapu Bhavani participated in 6-days AICTE-ISTE funded Induction / Refresher program (3rd - Phase) on "Future Wireless Communication: Standards & Technologies" organized by the Department of Electronics & Communication Engineering, KSIT ,Bengaluru between 24th - 29th May 2021.
- Ms.Ashapu Bhavan attended online national level workshop on "strategy to implement national education policy in higher educational colleges" on June 28th , 2021 by GHRCE-IQAC Nagpur.
- Mr.P.Srikanth attended five Day Online Faculty Development Program on Emerging Trends in the Application of Machine Learning and Artificial

Intelligence Organized by the Department of IT, GMR Institute of Technology, Rajam, Andhra Pradesh, from 21st -25th June 2021.

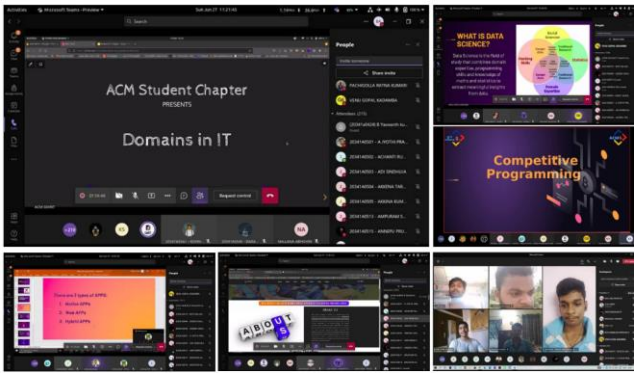
- Mr.P.Naga Raju attended ATAL FDP on Internet of Things at Institute of Technology & Management from 7th -11th June, 2021.
- Dr.Aditya Sahu, Dr.Gantayat & Mr.M.Satish attended Online Faculty Development Program on Advancements In Data Analytics Using Informatica organized by Department of Computer Science and Engineering, Vignan's Institute of Engineering for Women during 21st -25th June 2021.
- Dr.Aditya Sahu, Dr.Sree Ram Murthy, Dr.M.Balajee & Mr.M.Satish attended Online Faculty Development Program on Recent Trends in Big Data, Data Science and it's Applications-(RTBDA-2021) organized by Department of CSE, GMR Institute of Technology, Rajam, Andhra Pradesh during 5th - 9th June 2021.
- Ms.Santoshni Sahu attended ATAL FDP on Mathematical Modelling and Simulation of Dynamic Systems related to Cyber Defense at Manipal University, Jaipur, during 7th - 11th June 2021.
- Ms.Santoshni Sahu attended ATAL FDP on Cyber Security in Smart at NIT- Raipur during 14th - 18th June 2021.
- Dr.K.Laxman Rao attended One week Online Faculty Development Programme from 10th -16th June,2021 on Machine Learning Using Python Programming organized by Department of IT, AITAM, Tekkali, Andhra Pradesh.
- Dr.Gantayat attended Online ATAL-FDP on "Data Science with Statistical Methods Using R Programming- Basic", Amity School of Engineering & Technology, Amity University, Campus, Lucknow (UP), 21-25 June 2021.
- Mr.M.Satish participated in Online FDP titled, "Research and application perspectives of AI" from 16th -21st June 2021, conducted by KPR Institute of Technology.
- Mr.M.Satish participated in Online FDP titled, "Data Science and Applications" from 10th – 15th June 2021, conducted by SRKR Engg college.
- Mr.Ramchandra participated in Faculty Development Program on Latest Research Software & ICT Tools for Communicating Research organized by the Department of Basic Sciences & Humanities, GMRIT from 20th to 26th June 2021.
- Department of Computer Science & Engineering, GMR Institute of Technology, Rajam organized A One Week Online Faculty Development Programme on "**Recent Trends in Big Data, Data Science and its Applications - RTBDA-21**" from June 5th - 9th, 2021with a total of 180 participants. Coordinators: Dr. V. Sreerama Murthy, Dr. A K Sahu, and Mr. P. Srikanth.
- GMRIT ACM Student Chapter conducted **"ACM**

Monthly Codeathon", competition on 06-06-2021 with a total of 122 participants.

- GMRIT ACM Student Chapter organized a workshop on 13-06-2021 titled, "**Resume Building"** by Mr.Bhargav Varnasi, Data Scientist, MU Sigma. A total of 173 participants attended.



- GMRIT CSI chapter, organized an online Workshop on 19th & 20th June, 2021 titled, "**OpenCV Workshop**" A total of 126 Students participated for workshop.
- GMRIT ACM-W Student Chapter organized online competition on 20-06-2021 titled, "**Ideathon"** with a total of 25 teams(50 participants).
- GMRIT ACM Student Chapter organized a webinar on 27-06-2021 titled, "**Domains in IT"** for Ist Year students of GMRIT, with a total of 226 participants.



- GMRIT CSI Student Chapter organized online competition on 27-06-2021 titled, "**Codeathon"**, with a total of 80 participants.

Paper Presentations and Publications:

- Sreenu Ponnada, Nagesh Vadaparthi, Sreerama Murthy Velaga, Srinivas Yarramalle, V Sahitya, "**A Novel Automated Approach for Brain Tumor Classification using MR Images**",Solid State Technology, Vol. 63 No. 6,pp5777-5786, 2020.(ISSN 0038-111X) (Indexed in: Scopus)(https://solidstatetechnology.us/index.php/JSST/issue/view/49)

Publications:

- K. SureshKumar, N.Suganthi, Satish Muppidi, B. Santhosh Kumar, "FSPBO-DQN: SeGAN based segmentation and Fractional Student Psychology Optimization enabled Deep Q Network for skin cancer detection in IoT applications", Artificial Intelligence in Medicine, Volume 129, July 2022,(Indexed by SCIE, IF:5.326 Q1) https://doi.org/10.1016/j.artmed.2022.102299