

## **ANNUAL REPORT - 2020-21**

### **Institute's achievements and endorsements.**

#### **Rankings**

- NIRF,MHRD : Ranked in the band of 201 – 250, June 2020
- ARIIA : Ranked in band 'C' institution (rank between 51-75) in category of Private or Self-Financed College/Institutes, August 2020
- Digital Learning : Ranked 1<sup>st</sup> in AP and 19<sup>th</sup> in India's among the Top Engineering Institutes, October, 2020.
- Outlook – Icare: Ranked 2<sup>nd</sup> in AP and 83<sup>rd</sup> in India's among the Top Engg.colleges, October 2020
- The Week : Ranked 110<sup>th</sup> among the Top Engg. Colleges and 80<sup>th</sup> among the Private Engg. Colleges in India and 45<sup>th</sup> in South Zone and 4<sup>th</sup> in AP, November 2020
- AICTE-CII : Achieved Silver rating, December 2020
- Data Quest(DQ - CMR) : Top 100 T- Schools Overall Rank (Govt + Private) - 32; Rank-21 among Private Engineering colleges, April 2021
- Education World : Ranked 2<sup>nd</sup> in AP and 43<sup>rd</sup> in India's Top 85 Private Engg. Institutes, May 2021
- India Today : Ranked 73<sup>rd</sup> Overall and 2<sup>nd</sup> in AP out of 218 Pvt. Engg. Colleges for India Today-MDRA Best Colleges(Engineering)Ranking June, 2021
- CSR-GHRDC: Ranked 14<sup>th</sup> Among the Outstanding Engineering Colleges of Excellence in the country and 2<sup>nd</sup> among the top Engineering Colleges in AP - July 2021
- Times: Ranked 150<sup>th</sup> among the Outstanding Engineering Colleges of Excellence in the country and 13<sup>th</sup> among the top Engineering College in AP - July, 2021.
- Careers 360: Rated 'AAAA' in the state of A.P - July, 2021

#### **MoU's with Industries and Other Organizations**

- GMRIT signed with Oracle Academy Institution Membership Agreement for accessing academic related softwares.

#### **Academic performance during odd semester in 2020-21**

<b>Year of Admission</b>	<b>Overall pass percentage</b>
8 <sup>th</sup> Semester of 2017 admitted batch	78.97%
7 <sup>th</sup> Semester of 2017 admitted batch	94.54%
5 <sup>th</sup> Semester of 2018 admitted batch	87.06%
3 <sup>rd</sup> Semester of 2019 admitted batch	-
1 <sup>st</sup> Semester of 2020 admitted batch	82.08%

## **Distinguished Guests**

- Organized a Motivational Talk with Mr. V. V. Lakshmi Narayana, IPS, Ex – Joint Director (CBI) on 12.09.2020
- Mr. Antoine Cromber, Deputy CEO visited the campus on 09.11.2020
- Organised an interactive session with Dr. R. P. Saini, Professor, HRED, IIT Roorkee, one among the top 25 scientist across the world on 11.01.2021
- Organised an interactive session with Dr. Rajesh Gupta, Professor, MNNIT Allahabad one among the top 2% scientist in the world (Ranked by Stanford University), 24.02.2021
- Organised an interactive session with Dr. Sachin Jain, Associate Professor, NIT Raipur one among the top 2% scientist in the world (Ranked by Stanford University), 18.02.2021
- Organised an interactive session with Dr. Shailendra Jain, Professor, MANIT, Bhopal, one among the top 2% scientists in the world (Ranked by Stanford University) on 03.03.2021
- Motivational Talk with Dr. M. P. Sharma, IIT Roorkee, One among Top 2% Scientists in the World, December 05, 2020
- National Education Policy, Dr. K. Kasturirangan, Chairman, NEP 2020, Oct. 20, 2020

## **Student Affair**

### **GATE 2021 Students Appeared / Qualified Students**

<b>Department</b>	<b>No. Of. Students Appeared</b>	<b>No. Of. Students Qualified</b>
ECE	46	08
CSE	31	02
EEE	60	03
ME	24	05
IT	06	01
Civil	80	04

## **Research:**

- Faculty members published nearly 400 research articles in reputed journals and conferences, out of which 87% are indexed by Scopus and SCI web of science. As per the Scopus Database, the publications from GMRIT faculty members is the highest in the region.
- Received Rs.93 Lakh for FDP from AICTE
- Received Grants of Rs.30.00 Lakh from SERB – Project grant

## **Academics:**

- Inaugurated Artificial Intelligence Laboratory in GMRIT by GCM and BCM
- Had an agreement with SAP India Pvt. Ltd for offering online Certification Course on SAP Module to GMRIT & SGCSR students
- Inaugurated 5S implementation (Curtain Raising Program) on 31.07.2020
- Inaugurated Sports Arena at GMRIT campus on 26.10.2020
- Submitted application for the AICTE Clean and Smart Campus Awards 2021
- Organized 1<sup>st</sup> International Online Alumni Meet on 05.07.2020
- Celebrated World Entrepreneurs' Day through virtual mode on 21.08.2020

- Organized Online Career Guidance for the students of +2 intermediate, July 10 – 12, 2020 with the help of following eminent academicians and SMEs from industries. (a) Prof. Koona Ramji, Vice Chancellor, Dr. B. R. Ambedkar University, Srikakulam, Dr. Beela Satyanarayana, Former VC, Andhra University, Vizag and GC Member of GMRIT, Dr. Rajib Mall, Professor of IIT Kharagpur, Dr. K. V. L. Subramaniam, IIT Hyderabad, Dr. A. Venu Gopal, NIT Warangal and Mr. Bital Bhradwaj, CISO, GMR
- Conducted Online Booster Mock EAMCET for the students of intermediate colleges on August 9, 16 and 23, 2020 as a part of admission promotional strategy. The following are the details of the above said Mock EAMCET
- Organized Online Campus Virtual Tour for the Engineering Aspirants 2020 on three different dates (August 14, 21 and 28. 2020)
- Organized GMRIT Techno Olympiad 2020 on September 12, 2020 for the students of intermediate +2 students. Around 100 students participated out of 300 registered students
- Submitted the Self Study Report (SSR) for re-accreditation by NAAC (Third Cycle) on December 09, 2020 and subsequently queries raised by Data Verification and Validation (DVV) is also completed.

### **Programmes Organized:**

#### **Institute Level conducted the following FDPs:**

- Organized a faculty orientation program on National Education Policy 2020 on August 17, 2020
- Organized a training session on STEM Education on August 12, 2020
- Organized an orientation program on Approach to NAAC – Accreditation and Future Prospects on August 29, 2020
- Organized a workshop on Digital Bloom’s Taxonomy, Institute Level during May 29 – June 01, 2020
- Organised a one-day workshop on “Machine Learning using Python” on February 20, 2021

#### **Department of Chemical Engg. Conducted the following FDPs:**

- AICTE Training and Learning ATAL sponsored online 5 day Faculty development program on “Sustainable Engineering for Industrial Development” during September 9 - 13, 2020
- 5 day Faculty development program on “Recent Advances in Chemical Engineering”, during July 7 – 11, 2020
- 3 day Faculty development program on “Advanced Material Science and Surface Properties” during Oct. 26 – 30, 2020
- 3 day Faculty development program on “Basic Oil and Gas Field Development Lifecycle”, during August 24 – 26, 2020

#### **Department of Civil Engg. Conducted the following FDPs:**

- 5 day faculty development program on “Concrete Technology and Applications with Numerical Methods” during June 18-22, 2020
- 3 day faculty development program on “Environmental Engineering” during May 15-17, 2020
- 5 day faculty development program on “Water Resource Management”, during July 15 – 19, 2020
- One week faculty development program on “Contemporary Technologies in Transportation Engineering”, during August 26 – 31, 2020

### **Departments of CSE & IT conducted the following FDPs:**

- 5 day faculty development program "Recent Trends and Advances in Computational Intelligence" during Oct. 27 – 31, 2020
- 5 day faculty development program on "Artificial Intelligence using Python", during September 14 – 19, 2020
- 3 day faculty development program on "Applied AI, Machine Learning and Deep Learning" during May 14-16, 2020
- 5 day faculty development program on "Emerging Research Trends in Computer Science and Engineering", during August 24 – 29, 2020
- 5 day faculty development program on "Information Security and Privacy in Cyberspace", during July 27-31, 2020
- 5 day faculty development program on "Block chain and It's Applications", during June 10-15, 2020
- 3 day faculty development program on "The Frontiers of Cloud Computing and High Performance Computing, Emerging Trends in the Application of Machine Learning" during June 19-21, 2020
- 5 day faculty development program on "Emerging Trends and Technologies in Data Science", during July 20-24, 2020

### **Department of ECE conducted the following FDPs**

- 3 day faculty development program on "Research Topics in VLSI and Industry Trends" during May 29-31, 2020
- 3 day faculty development program on "VLSI Technology and Hardware for AI and ML" during May 25 – 27, 2020
- 5 day Research Trends in Modern Electronics and e-Communication during Oct. 27 - 31, 2020
- 3 day faculty development program on "Learn Arduino" during May 15-17, 2020
- 5 day faculty development program on "Programming with Matlab and Simulink", during June 15-20, 2020
- 3 day faculty development program on "Technologies for Healthcare", during June 8-10, 2020
- 3 day faculty development program on "AI and IoT for Medical Applications" during June 01-03, 2020
- 5 day faculty development program on "Technologies with Social Relevance", during July 27-August 1, 2020
- One week faculty development program on "Recent Advances in Biomedical Applications and Communication Networks", during July 13 – 18, 2020
- 3 day faculty development program on "Technologies for Online Teaching- Learning Pedagogies", during August 6 – 9, 2020

### **Department of EEE conducted the following FDPs**

- 5 day Faculty Development Program on "Recent Trends in Green Energy" during Oct. 12 – 16, 2020
- 5 day Faculty Development Program on "Control Systems Design" during May 25 – 30, 2020
- 5 day Faculty Development Program on "Recent Strategies on Micro- and Smart- Grid Technologies", during June 15-19, 2020

### **Department of Mechanical Engg. Conducted the following FDPs**

- AICTE Training and Learning ATAL sponsored online 5 day Faculty development program on "3D Printing and Design" December 14 – 18, 2020
- 5 day Faculty Development Program on "Recent Development & Research Scopes in Thermal Engg" during Oct. 26 – 31, 2020
- 3 day Faculty Development Program on "Modeling and Optimization of Engineering Systems" during June 23-25, 2020
- One week FDP on "Industrial Robotics and It's Applications" during July 6 – 11, 2020

- One week Faculty Development Program on "Advanced Nano-materials and their Engineering Applications", during August 3 – 8, 2020

### **Department of BS&H conducted the following FDPs**

- 7-day Faculty Development Program on "Alpha-2-Omega: research Methodology for Technical Research Paper and Thesis Writing" during December 24 – 30, 2020
- 5 day Faculty Development Program on "Recent Advances in Synthesis, Characterization, and Application of Nano Materials", July 13 – 17, 2020
- One week Faculty Development Program on "A – Z of Writing and Publication in Scopus Indexed Journals", August 16 – 22, 2020
- One week Faculty Development Program on "Research Methodology for Social Sciences & Humanities" during Oct. 21 – 27, 2020
- 3 day Faculty Development Program on "Environmental Pollution – Sustainable Technologies for its Control" during Oct. 19 – 21, 2020
- 5 day Faculty Development Program on "Recent Trends in Material Science" during Oct. 12 – 16, 2020
- 5 day Faculty Development Program on "Importance of Mathematics in Science and Technology" during June 25-29, 2020
- 3 day Faculty Development Program on "Advances in Energy Materials for Storage Systems" during June 23-26, 2020

Apart from the above FDPs 30 webinar series organized across all departments

### **Achievements:**

- GMRIT is recognized as a Centre for AP CET by the state Government of AP
- Two faculty members cleared the Talent Next preliminary WCF (Wipro)
- One of the students of IT is selected as Google Developer Student Club Lead, a university-based Community Group of Google
- Ranked 60th position in the country in Nature Index Physical Science Table for the year 2020 based on the research credentials
- Two of the students of CSE got successfully placed in Amazon with a CTC of Rs. 19 LPA.
- Four of the students of Civil Engg. Successfully placed Fortel Services Ltd with a CTC of Rs. 25 LPA.
- GATE 2021: 23 students qualified against 305 students appeared.
- 107 students of CSE and IT got certified in AI, Big Data Analytics and IoT by Wipro – NASSCOM Joint Collaborative Programme.

### **Distinguished Guests:**

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- Mr. Antoine Cromber, Deputy CEO visited the campus on 09.11.2020
- Organised an interactive session with Dr. R. P. Saini, Professor, HRED, IIT Roorkee, one among the top 25 scientist across the world on 11.01.2021
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### **Training Programs Arranged for Students during 2020-21**

- 107 students of CSE and IT got certified in AI, Big Data Analytics and IoT by Wipro – NASSCOM Joint Collaborative Programme
- Organized awareness session on 5S for the identified members of steering committee, core implementation committee and other coordinators on May 27, 2020
- Around 1500+ students across all the years of study have registered for the new age skill courses on NASSCOM Future Skills Prime platform through APSSDC
- Conducted Advanced Robotic Training (ARC) training for the students Mechanical Engg., EEE and ECE on February 24, 2021. Prof. Starke, from RWTH Aachen University, Germany addressed the session.
- Conducted 40 hours WIPRO - NASSCOM Talent Next – Future Skills training programme for the students of CSE and IT
- Conducted online certification course on “Fundamentals of Artificial Intelligence” for the students of EEE and Chemical Engineering (260 students) – An initiative from GMRIT AI Team
- Organized Technical training sessions in 3 spells for all students across all the branches
- Organized placement training with internal resources to the students of final year and planning to have one more technical, aptitude & soft-skills training with external resources
- Campus Recruitment Training (CRT) training programs organised
- Organized online Student Development Programme on Control Systems Design, Department of EEE, July 20 – 24, 2020
- Training programs on Fundamentals of Blue prism RPA “Lear A Thon”
- Ethical Hacking 2020 (Department of ECE), August 27 – 29, 2020
- Python Programming (Department of CSE), August 15 – 16, 2020
- Organized a one-week student development programme on “Learn Python” by the department of ECE during September 7 – 15, 2020
- Apart from the above training programs 4 industry-driven one-credit courses and 28 GMRIT Grads’ Talk Series (Alumni Interaction) was conducted

### **Faculty awarded Ph.Ds during the year 2020-21:**

<b>Name</b>	<b>Designation</b>	<b>Department</b>
Dr.Aditya Kumar Sahu	Assistant Professor	EEE
Dr.R.Srinivasa Rao	Assistant Professor	BS&H
Dr.V.Vasudha Rani	Assistant Professor	CSE
Dr. V. Dhilleswara Rao	Assistant Professor	CSE
Dr.GBSR Naidu	Assistant Professor	CSE
Dr.S.Ravi Babu	Sr.Assistant Professor	BS&H
Dr.S.Chiranjeeva Rao	Assistant Professor	ECE
Dr.L.V.Suresh Kumar	Assistant Professor	PE
Dr. S.P.Sekhara Rao	Assistant Professor	Mech Engg
Dr.B.V.Suresh	Assistant Professor	EEE

Dr.G.Geeta	Assistant Professor	BS&H
Dr. P. Ravi Kumar	Assistant Professor	Mech Engg
Dr.P.Upendra Kumar	Assistant Professor	BS&H
Dr.Shaik Shadulla	Assistant Professor	ECE
Dr.Ch.Vinod Babu	Assistant Professor	EEE
Dr.M.Suneetha	Assistant Professor	Chem Engg
Dr.B.Anil Kumar	Assistant Professor	Mech Engg
Dr.K.Krishna Kishore	Assistant Professor	IT
Dr.NVA Ravi Kumar	Assistant Professor	ECE

### Placements:

Students appeared for 64 Companies and had 691 offers

S.No.	Organization	Total
1	Infosys InfiTQ	691
2	Infosys Hack with Infy	
3	TEK Systems	
4	TCS Codevita	
5	Virtusa Neuralhack	
6	Hexaware	
7	Amazon	
8	Cognizant	
9	TCS NQT	
10	LnT Group(CORE)	
11	Mindtree	
12	Riktam Technologies	
13	Technip FMC (CORE)	
14	Cerium (CORE)	
15	Tech Mahindra	
16	Medha Servo Drives (CORE)	
17	Juspay	
18	Deltax	
19	Tudip Technologies	
20	Prolifics	
21	Global Edge	
22	Wipro	
23	Infosys	
24	Deccan Fine Chemicals (CORE)	
25	HCL	
26	Hansa Solutions	
27	Q2.com	
28	Call Health	
29	Coforge(NIIT Technologies)	
30	Digital taaS	
31	Hyundai Motors(CORE)	

32	Everest Industries(CORE)
33	NNE(CORE)
34	KPIT
35	Apisero
36	CDK Global
37	PwC AC
38	EPAM
39	Faurecia (CORE)
40	Accenture
41	Cappgemini
42	ADP
43	Nagarro
44	AxiomIO
45	Smart Rotomac(CORE)
46	Aptroid
47	Ramky (CORE)
48	Accolite
49	Bright Champs
50	Winfo Solutions
51	Broadridge
52	Global Logic
53	Vem Technologies
54	Covalent(CORE)
55	Diagonal
56	Musigma
57	Tessolve(CORE)
58	Graphene Health Tech
59	IOPEX
60	Ramtech(Core)
61	Vayu Group(core)
62	Vijay Niramam(Core)
63	Fortel Services Ltd(Core)
64	Indihood