

GMTRIT CAMPUS NEWS

Vol :14 Issue-2
May' – August-2020



About GMRIT

www.gmr.it.org

GMR Institute of Technology is situated at Rajam, a small industrial town about 100 KMs from the 'city of destiny', Visakhapatnam in Andhra Pradesh. The campus of the institute is spread over a sprawling 117 acres of land. The lush sylvan and idyllic surroundings at the heart of the agricultural belt, offer an ideal setting for higher studies. The institute is affiliated to the Jawaharlal Nehru Technological University, Kakinada and is approved by AICTE New Delhi. The institute has been accredited by National Board of accreditation (NBA) of AICTE and NAAC – 'A' grade of UGC. The institution is also having ISO 9001:2008 Quality Systems.

GMRIT offers 4 year B.Tech. programs in eight core disciplines, 2 year M.Tech programs in six specializations.

The annual intake of the institute is 966 students. It has Twenty batches of successful B.Tech. Graduates taking up positions as competent and responsible professionals in many reputed companies. Courses

Courses Currently Offered

U.G. Courses:

- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Information Technology
- Mechanical Engineering
- Power Engineering

P.G. Courses

- M.Tech (Power & Industrial Drives)
- M.Tech (Transportation Engineering)
- M.Tech (Cyber Security)
- M.Tech (Thermal)
- M.Tech (VLSI Design) : Second Shift
- M.Tech (Environmental)

Achievements

- GMRIT secures NIRF Rank in All India Rankings-2020, Rank Band 201-250



- GMRIT got 1st Rank in AICTE National Level Clean & Smart Campus Awards 2019.
- GMIT ranked 33rd among the Ready Reconer of Top Engg. Colleges, by Engineering Success Review, August,2019.
- GMRIT ranked 16th and 2nd in AP in Out Standing Engg. Colleges Excellence by Competition Success Review, July, 2019.
- GMRIT ranked 144th among the Top Engg. Colleges in India and 5th in AP by Outlook, June,2019.
- GMRIT ranked 122nd among the Top Engg. Colleges and 82nd among the Private Engg. Colleges in India. Ranked 53rd in the South zone and 6th in AP by The week- Hansa Research, June,2019.
- GMRIT Ranked *3rd in AP and *43rd in India's Top 100 Private Engineering Institutes. *Total score is 1668 out of 2300 by Education world,May,2019.
- National Ranking: Top Private Engineering Institute of India2019:GMRIT Ranked 19th and Ranking the finest private engineering colleges of India: South Zone – AP: AAAAA Rating by Digital learning,May,2019.

- Ranked 43rd among the top 100 T-schools at National Level and 3rd in AP (Source: Education World, May 2019)
- Graded AAA+ by Careers 360 Magazine (April, 2019)
- Ranked 39th among the top 100 T-schools at National Level and 24th among the private colleges and first in AP (Source : Dataquest, March 2019)
- GMRIT ranked in 2nd in AP TOP Engineering colleges, AP Feb,2019

Institute Related

- Under Dept of CSE & IT “**Artificial Intelligence Laboratory**” was established and inaugurated online by **Shri.G.M.Rao**, Chairman of GMR Group, on 25th July,2020. The following Dignitaries graced the online program. **Shri. G. B. S. Raju**, Business Chairman, GMR and **Shri. B. V. N. Rao**, BCM, GMR addressed the gathering. **Dr. C. L. V. R. S. V. Prasad**, Principal- GMRIT, gave Way forward for AI lab. 10 Special guests were invited along with 8 other guests from GMRVF. HOD’s and faculty from all departments were invited. Students working on AI projects also participated in the Inauguration ceremony. The meeting began with welcome address by **Dr. A. V. Ramana**, Professor & Head, Department of CSE and concluded with Vote of thanks by **Dr. Ajit Kumar Rout**, Professor & Head, Department of IT.



- Department of Computer Science & Engineering of GMR Institute of Technology, Rajam organized A Three day Online Faculty Development Programme on “**The Frontiers Of Cloud Computing And High-performance Computing**” from June 19 - 21, 2020. Internal participants-31 & External participants- 69
- Association for Computing Machinery (ACM) – The students’ chapter of GMRIT is recognized as ACM’s India Best Student Chapter 2020

- Department of Computer Science & Engineering of GMR Institute of Technology, Rajam organized A One Week Online Faculty Development Programme on “**Emerging Trends & Technologies in Data Science**” from August 24-29, 2020. Internal participants-31 & External participants-1020, Foreign participants – 46
- GMRIT conducted webinar for three days named KICK START AND STEER YOUR CAREER by eminent experts from various Universities across AP and Telangana from July 10, 2020 to July 12-2020.



- Dr.V. Sree Ram Murthy and Mr.P.Srinivasa rao from CSE department were selected for Wipro Talentnext Training programme conducted by Wipro.
- Dept of CSE and IT, GMRIT, Organized Webinar Series on “**Be Cyber Ready**” by **Mr.Bithal Bhardwaj**, *Chief Information Security officer, GMR Group.* from 18th-20th May 2020.
- Department of Computer Science & Engineering of GMR Institute of Technology, Rajam organized A Five day Online Faculty Development Programme on “**Information Security & Privacy in Cyberspace**” from July 27 - 31, 2020. Internal participants-31 & External participants- 54
- Online Guest Lecture as a part of GMRIT GRAD’S TALK SERIES, on the topic “Necessity of Skill Enhancement during new normalcy of COVID-19,” delivered by “**Mr. SUNIL KALEPU**,” Regional Manager, Extramarks, Education Pvt. Ltd., Hyderabad, EEE (1998-2002, GMRIT), on 29th August, 2020, Time- 4PM to 5 PM, for all the 2nd, 3rd and 4th year Students, EEE, GMRIT.
- Dept of CSE and CSI chapter, GMRIT, Organized Three Day Online Faculty Development Programme on “**Data Science & Machine Learning**” from 14th-16th May 2020.

Academic Achievements

Technical Paper Publication in Conferences

- S.Ravi Babu: Presented a paper titled “**Experimental investigation of free connective heat transfer augmentation using transformer oil-Al₂O₃ nanofluid**”, International Conference on Advances in Mechanical

Sciences (ICAMS 2020) organized by Vardhaman college of Engg, Hyderabad, 27th to 28th Aug 2020, (Scopus Indexed).

- S.Ravi Babu: Presented a paper titled "**Recent developments in synthesis, characterization and boiling heat transfer of nanofluids – A review**", International Conference on Integrated Interdisciplinary Innovations in Engineering (ICIIE 2020) organized by Punjab University, 28th to 30th Aug 2020, (Scopus Indexed)

Published in Journals

- V. Manoj, V. Sai Sravani, A. Swathi, "A Multi Criteria Decision Making Approach for the Selection of Optimum Location for Wind Power Project in India", EAI Endorsed Transactions on Energy Web, August 2020, ISSN: 2032-944X (SCOPUS INDEXED JOURNAL)
- V.Manoj, Presented a paper in "International Conference on Integrated Interdisciplinary Innovations in Engineering (ICIIE 2020)", IOP Conference Proceedings (Scopus Indexed), conducting by UIET PU Chandigarh during 28th – 30th August 2020.
- Dr.G.Sasikumar: "**Design and development of solar charging system for electric vehicles: An initiative to achieve green campus**" has been accepted for publication in the scientific research journal Nature Environment and Pollution Technology (p-ISSN 0972-6268; e-ISSN 2395-3454). Scopus Indexed. The paper is likely to come in Vol. 20, No. 2 (June), Year 2021.
- B. Santhosh Kumar, T. Daniya, N. Sathya and R. Cristin, "Investigation on Privacy Preserving using K-Anonymity Techniques", 2020 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2020, pp. 1-7, doi: 10.1109/ICCCI48352.2020.9104109. (Indexed in: Scopus and IEEE-Xplore)
- B. Santhosh Kumar, and S. P. Reddy Karri "Deep Learning Techniques for Implementation of Chatbots," 2020 International Conference on Computer Communication and Informatics (ICCCI), Coimbatore, India, 2020, pp. 1-5, doi: 10.1109/ICCCI48352.2020.9104143. (Indexed in: Scopus and IEEE-Xplore)
- Priya Vaijyanthi R., Prasad V. and Somesh K., "Identification of Autism Spectrum Disorder (ASD) from Medical Images using Machine Learning Algorithms", International Journal of Advanced Science and Technology, 29(06), 6021 - 6026. (Indexed in SCOPUS).
- S.Ravi Babu: "**Comparative analysis of stability and dielectric breakdown strength of transformer oil based nanofluids**", International Journal of Electrical Engineering and Technology, Vol 11, Issue 5, July 2020, pp 13-19. (Scopus Indexed).
- N. V. A. Ravikumar, P. Jagadeesh: "**Design of a linear quadratic integral regulator for a variable speed wind turbine**", Journal of Critical Reviews, ISSN- 2394-5125 Vol.

7, Issue. 10, Aug, 2020 pp. 2588-2598 (SCOPUS Indexed Journal)

- Chiranjeeva Rao Seela, Ravi Sankar B., "**Emulsified nano Al₂O₃ – Jatropha methyl ester blends: application in variable compression ratio engine**", World Journal of Engineering, Vol. No. Ahead of print, Issue No. Ahead of Print, pp Ahead of print, 24 July 2020, (ISSN No. 1708-5284) (Indexd in : Scopus) (ESCI)
- Pankaj Kumar, Ajay Kumar Gupta, "**Hydroelectric energy using prediction technique of flood in river "based on fuzzy rule scheme"**", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. No. 10, Issue No. 3, pp 4647-4654, (ISSN No. 2249-8001) (Indexd in : Scopus)
- Jagadeesh Varanasi, Dr. K. Venkata Subbaiah, K. Karthik, "**Wind Energy Forecasting Accuracy of Wind Power Plant by using Time Series Analysis"based on fuzzy rule scheme"**", Journal of Critical Reviews, Vol. No. 07, Issue No. 14, pp 793-801, (ISSN No. 2394-5125) (Indexd in : Scopus)
- GVSS Sharma, CLVRSV Prasad, M Srinivasa Rao, '**Industrial engineering into healthcare – A comprehensive review**', International Journal of Healthcare management, pp 1-15, April 2020. (ISSN No. : 2047-9719) Indexed in : Scopus
- Chiranjeeva Rao Seela, Ravi Sankar B., "**Emulsified nano Al₂O₃ – Jatropha methyl ester blends: application in variable compression ratio engine**", World Journal of Engineering, Vol. No. Ahead of print, Issue No. Ahead of Print, pp Ahead of print, 24 July 2020, (ISSN No. 1708-5284) (Indexd in : Scopus) (ESCI) (<https://www.emerald.com/insight/content/doi/10.1108/WJ E-04-2020-0135/full/html>)
- Pankaj Kumar, Ajay Kumar Gupta, "**Hydroelectric energy using prediction technique of flood in river "based on fuzzy rule scheme"**", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. No. 10, Issue No. 3, pp 4647-4654, (ISSN No. 2249-8001) (Indexd in : Scopus) (<http://www.tjprc.org/publishpapers/2-67-1595573078-439IJMPERDJUN2020439.pdf>)
- Jagadeesh Varanasi, Dr. K. Venkata Subbaiah, K. Karthik, "**Wind Energy Forecasting Accuracy of Wind Power Plant by using Time Series Analysis"based on fuzzy rule scheme"**", Journal of Critical Reviews, Vol. No. 07, Issue No. 14, pp 793-801, (ISSN No. 2394-5125) (Indexd in : Scopus) (<http://www.jcreview.com/fulltext/197-1594885824.pdf?1597761069>)
- Dr.B Santhoshkumar, "Visulisation of stabilising particles at gas-solid interface of metal foams, Materials Letters", volume 278, SCI Indexed, doi link : <https://doi.org/10.1016/j.matlet.2020.128371>.
- . K.Kumara Swamy and P.Sumati Kumari, "Common tripled fixed point for three mappings in Gb-metric

- spaces", Online International Conference on "Continuity, Consistency and Innovation in Applied Sciences and Humanities" (ICCIASH-2020) Organized by Department of Science and Humanities , St. Martin's Engineering College, Dhulapally, Secunderabad, T.S, India on 13th& 14th August 2020. (ISBN No.978-93-88096-42-3)
- **Sumati Kumari Panda, Thabet Abdeljawad, K.Kumara Swamy**, "New numerical scheme for solving integral equations via fixed point method using distinct $(\omega-F)$ -contractions" Alexandria Engineering Journal ,Vol. No. 59, Issue No.4, pp. 2015-2026, August 2020.(ISSN: 1110-0168) (Indexed in: SCI and Scopus) (Impact Factor: 2.46) <https://doi.org/10.1016/j.aej.2019.12.034>
 - **Dr P Murali Mohan Kumar**, "Computational study for a class of time-dependent singularly perturbed parabolic partial differential equation through tension spline (Journal Article, SCIE)".
 - Sandeep Reddy Gottam, Ramesh Adepu, Ramu Penki, "Evaluation of Bituminous Mix Characteristics Prepared with Laboratory Developed High Modulus Asphalt Binder", Journal of The Institution of Engineers (India): Series A , <https://doi.org/10.1007/s40030-020-00462-4>, 14th August 2020. (ISSN No.:2250-2157) (Indexed in: SCI/ Scopus) (Impact Factor: xxxxx)
 - Praveen Saravanan, Bhagavathi Pushpa Thillainayagam, Gokulan Ravindiran and Jegan Josephraj "Evaluation of the adsorption capacity of Cocos Nucifera shell derived biochar for basic dyes sequestration from aqueous solution" Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor & Francis Online, July 2020, (ISSN No.: 1556-7230) (Indexed in: SCI) (Impact Factor: 1.184)
 - K.Srividya, A.Mary Sowjanya, "**Aspect based Sentiment Analysis using RNN-LSTM**" International Journal of Advanced Science and Technology, Vol. 29, No. 4, (2020), pp. 5875 – 5880(2005-4238) <http://sersc.org/journals/index.php/IJAST/article/view/27164>.
 -
 - Dr Balajee Maram, Dr M Prasad, Dr T Ananth Kumar, "**Data Privacy Protection in Wireless Sensor Network using Random Slicing Method**", Journal of Critical Reviews, Volume-7, Issue-18, Aug, 2020, ISSN 2394-5125, pp.2823-2827, (Index by SCOPUS) <http://www.jcreview.com/fulltext/197-1596620641.pdf?1596719619>.
 - R. Cristin, P.N Jeipratha , T. Daniya , N. Kanagavalli, "**Logistic Regression Model with Gradient Descent Parameter Estimation**", Journal of Critical Reviews, Volume-7, Issue-12, July, 2020, ISSN 2394-5125, pp. 2048-2052, (Index by SCOPUS) <http://www.jcreview.com/fulltext/197-1596620641.pdf?1596719619>
 - S. S. Gantayat, M. Vanitha & Saikumar Tara, "**Local and Global Histogram Matching for Enhancing Image Quality using Spatial Representation**", Journal of Critical Reviews (JCR), Vol. 7, Issue-04, pp. 1757-1760, (Access: August 01, 2020), ISSN-2394-5125 (Indexed in: Scopus) (Impact Factor: 0.6). <http://www.jcreview.com/?mno=116644>
 - G.Y. Rajaa Vikhram, M.E. Rajvikram, M. Premkumar, and L. Mihet-Popa, "**Cyber-Physical Power System (CPPS): A Review on Modelling, Simulation, and Analysis with Cyber Security Applications**," IEEE Access, Vol. No. 8, pp. 1-47, August 2020. (ISSN No.: 2169-3536) (Indexed in: SCI & Scopus) (Impact Factor: 3.745)
 - C. Kumar, M. Premkumar, T. Dharma Raj, and T. Dhanesh, "**A New Stochastic Slime Mould Optimization Algorithm for the Estimation of Solar Photovoltaic Cell Parameters**," Optik - International Journal for Light and Electron Optics (Elsevier), Early Access, August 2020. (Indexed in: SCI-E) (Impact Factor: 2.187)
 - M. Premkumar, S. Umashankar, H. Haes Alhelou, and P. Siano, "**Design and Development of Non-Isolated Modified SEPIC DC-DC Converter Topology for High-Step-Up Applications: Investigation and Hardware Implementation**," Energies (MDPI), Vol. No. 13, Issue No. 15, pp. 3960, June 2020. (Indexed in : SCI-E) (Impact Factor: 2.702)
 - P Bharani Chandra Kumar, "**A unique hands-on online teaching methodology – control systems design: Part 1**", Journal of Critical Reviews. Vol. No. 7, Issue No 18, pp. 2881-2887, 2020. (ISSN: 2394-5125) (Indexed in: Scopus)
 - P Bharani Chandra Kumar, "**A unique hands-on online teaching methodology – control systems design: Part 2**", Journal of Critical Reviews. Vol. No. 7, Issue No. 18, pp. 2888-2893, 2020 (ISSN No.: 2394-5125) (Indexed in: Scopus)
 - M.Vinay Kumar, U.Salma, "**Comprehensive review of anti-islanding Techniques for grid connected distributed Generation system**", Journal of critical reviews, Vol. No.7, Issue No. 18, pp 2894-2905, 2020 (ISSN- 2394-5125) (Indexed in: Scopus)
 - Ravi kumar j, Mahima chowdary, "**An innovative method to spray pesticides by using pesticide spraying gesture control robot**", Journal of critical reviews, Vol.No.7, Issue No. 9, 2020 (ISSN No.:2394-5125) (Indexed in: Scopus)
 - NSS Ramakrishna, Elangovan.D, T S Kishore, "**Disturbance Observer based offset free model predictive control for load frequency regulation in power systems**", Journal of critical reviews, Vol.No.7, Issue No. 9, 2020 (ISSN No.:2394-5125) (Indexed in: Scopus)
 - T S Kishore, I Vidyabharati, "**LCOE Characterization of High Head Run-Of-River Small Hydro Power Plants using Life Cycle Costing Methodology**", IASH Journal, Vol. No. 9, Issue No. 2, pp. 42–47, July 2020. (ISSN No.:2250-0111) (Reprint)

- V Prasad, R Priya Vijayanthi and K Somesh "Autism at ease: An Assitive Tool for Autistic Children" International Journal of Pyschosocial Rehabilitation, Volume 24, Issue 6, PP : 9513-9525, May 2020. ISSN: 1475-7192 (Scopus Indexed)

Workshops/Conference Attended

- Dr. Ajit Kumar Rout, Dr. M. Jyothi, Mr. A.V. Ramana, Mr. Y. Surya Prakash, Mr. Chandrasekhara Reddy T, Mrs. T.Daniya, Mr.Abhisek Sethy, Mr. Koteswara Rao Ch,Ms. U. Archana. Mrs. M. Suneetha, Mr. M. Satish, Mr.V. Krishna Chaitanya have attended the Training Program "Data Science and Machine Learning" at GMRIT, Rajam on May 14 to 16, 2020..
- Mr. Abhisek Sethy, Ms. U. Archana, Dr. M. Jyothi,Mr. Ch. Koteswara Rao, Mrs. M. Suneetha have Training Program Artificial Intelligence" at Sridevi womens Engineering college on 22nd may to 26th may 2020.
- Dr. Ajit Kumar Rout, Dr. M. Jyothi, Mr. Koteswara Rao Ch, Mr. Abhisek Sethy have a Training Programmed "DATA SCIENCE & AI" at Mangalmay Institute of Engineering &Technology, Greater Noida (U.P.) on 25th may to 29th may 2020.
- Mr. A.V. Ramana have "Cloud Computing " 3 days Online FDP Dept of IT by MAHENDRA ENGINERING COLLEGE;NAMMAKAL TN during 18-05-2020 to 20-05-2020
- Mr.V. Krishna Chaitanya have Hands-on Java Programming Language and its Concepts Bennett University at 20 - 24, May, 2020
- Mr. Abhisek Sethy hvd MATLAB based Teaching-Learning in Mathematics, Science & Engineering at Ramrao Adik Institute of Technology, Nerul, Navi Mumbai on 18th to 22nd May 2020
- P.V.V.Pawan Kumar: completed 60 days online training course on service of motors and generators conducted by m/s kirkoskar motor company Bangalore dated July & August
- Mr.V.Manoj: Attended Training program on "Virtual Meeting - Apps, Usage and Etiquette (DAKSH)" held on 6th August 2020.
- N. V. A. Ravikumar has actively participated in the AICTE Sponsored National Level Five Days Virtual Short-Term Training Program (STTP) on "INDUSTRY 4.0" from 24th to 28th of August 2020, organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore-64, INDIA.
- S.Ravi Babu: Attended 3 DAY FDP on "Emerging Trends in Thermal Engineering" from 13th to 15th Aug 2020, Organized by Providence College of Engineering, Tamilnadu.
- Dr. G.SASIKUMAR Attended AICTE Sponsored Online STTP on "Industry 4.0"conducted by Department of Mechanical Engineering – Nitte Meenakshi Institute of Technology, Bangalore during August 24-28, 2020.
- Mr.V.Manoj: Attended TEQIP-III Sponsored Five days online Workshop on "Advancements in Electrical Engineering: An Academic & Industrial Approach" conducted by Department of EE, NIT Silchar, Assam during August 03-07, 2020.
- Dr.Sanjay Kumar Gupta attended 3days Online Faculty Development Program " Facto2K17" (funding, Authoring, Counseling, TQM & Opportunities in Entrepreneurship) by Sri Sairam College of Engineering from 2nd to 4th August 2020.
- Dr.D.Srinivasa Kumar, Dr.S.Ranganathan, Dr.Sanjay Kumar Gupta,Dr.A.Vijin Prabhu attended One Week Online Faculty Development Program "Advanced Nanomaterials & Their Engineering Application (AdvNno-2020)" by GMR Institute of technology, Rajam from 3rd to 8th August 2020.
- Dr.A.Vijin Prabhu,Mr.A.L.Naidu attended 6 days Online National Level Faculty Development Program "Recent Trends in Fuels & Manufacturing process" by Sri Venkateswara Institute of Science & Technology, Kadapa from 10.08.2020 to 16.08.2020.
- Dr.S.Ranganathan attended online webinar on "Everyone can Do Quality Research- Talk 10: Topology Optimisation" by Knowledge Institute of Technology Business school, Salem on 27.08.2020
- Mr.U.Sudhakar attended webinar on "Indigenous Knowledge System for Sustainable Rural Development" by National Institute of Technology, Silchar on 11th July 2020.
- Mr.ch.Vinodbabu attended National Level webinar on " Barriers and Opportunities to Renewable Colling and Heating Systems" by Nehru Institute of Technology, Coimbatore on 27th August 2020.
- Dr. V.RamBabu, Professor, Mr.G.Sasidhar attended in (Internal Quality Assurance Cell) 5 days Online International Faculty Development Programme on "Online Teaching Tools for video Lecturing and Digital e-Learning" by Sir CR Reddy College, Eluru on 19-23rd May 2020.
- Mr.B.Ramakrishna, Mr.N.Mohana Rao,Mr.G.Kumar, Mr.J.Govinda Rao, Mr.S.Nagabhusana Rao, Mr.M.Vasudeva rao, Mr.N.V.Kameswa Rao, Mr.V.Kameswara Rao, Mr.M.Umamaheswara Rao attended training programme "Productivity in Remote Working" on 14th August 2020.
- Dr. V.RamBabu, Dr.D.Srinivasa Kumar, Dr.M.Srinivasa Rao Mr.K.Simhdri, Mr.A.Lakshumu Naidu participated in the webinar on "Education 4.0" organized by IQAC of GMR Institute of Technology, Rajam on 20th May 2020.
- Alagumalai, Avinash, Thangavel Mathimani, Arivalagan Pugazhendhi, A. E. Atabani, Kathirvel Brindhadevi, and Nguyen Duc Canh. "Experimental insight into co-combustion characteristics of oxygenated biofuels in modified DIC1 engine" Fuel, Vol. No. 278, Issue No. X, pp

- 118303 June 2020. (ISSN No.:0016-2361) (Indexed in: SCI) (Impact Factor:5.128)
- K. Simhadri, P. Srinivasa Rao, M.K. Paswan, "**Experimental investigation on Vapour Compression Refrigeration system employing R290/R600a (50/50) and TiO₂ nano-lubricant**", Test Engineering and Management, Volume No. 83, Issue May- June 2020, pp. 14159-14166, June 2020 (ISSN No. : 0193-4120) (Indexed in Scopus)
 - Bade Venkata Suresh, P Srinivasa Rao, P Govinda Rao, '**Influence of Electrode Vibration on Impact Strength of 1018 Mild Steel Weldments**', Test Engineering and Management, Volume No. 83, Issue May- June 2020, pp. 14152-14158, June 2020 (ISSN No. : 0193-4120) (Indexed in Scopus)
 - G. Dinesh Reddy, L.V.S. Prasad and P.K. Sarma, "A review of computational fluid dynamics approach for analysis on journal bearing", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 3755-3760, June 2020, (ISSN No. :2249-8001) (Scopus)
 - M. Vykunta Rao, P. Srinivasa Rao and Potnuru Govinda Rao, " Influence of transverse vibrations on the fatigue life of aluminum alloy weld connections", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 1353-1358, June 2020, (ISSN No. :2249-8001) (Scopus)
 - Naga Lakshmi Pavani Puvvada and Polarao Ronanki, " Expreimental study on mechanical and tribological properties of biodegradable natural fiber composites", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 3595-3606, June 2020, (ISSN No. :2249-8001) (Scopus)
 - P. Srinivasa Rao, G.V.S.S. Sharma and B. Surendra Babu, " Reflection on spatial visualization for enhanced learning – a comprehensive review", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 1359-1370, June 2020, (ISSN No. :2249-8001) (Scopus)
 - Bade Venkata Suresh, P. Srinivasa Rao and Potnuru Govinda Rao, " Influence of flexural strength on welded joints under the effect of electrode vibratory welding process", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 1345-1352, June 2020, (ISSN No. :2249-8001) (Scopus)
 - Sasidhar Gurugubelli, K. Santa Rao and Rajiv Aditya Jayanthi, " Design and fabrication of economic electric bike with fibre reinforced polymer composite", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 4081-4090, June 2020, (ISSN No. :2249-8001) (Scopus)
 - K. Simhadri, P. Srinivasa Rao and M.K. Paswan, " An experimental investigation of R12 and R134A refrigerants in a two - phase ejector expansion refrigeration", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume No. 10, Issue 3, pp. 1371-1378, June 2020, (ISSN No. :2249-8001) (Scopus)
 - D. Srinivasa Kumar, , " A Cluster Investigation To Quantify The Financial Performance Of Selected Housing Finance Companies In India", International journal of scientific & technology research, Volume No. 9, Issue 6, pp. 594-601, June 2020, (ISSN No. :2277-8616) (Scopus)
 - Chiranjeeva Rao Seela, Ravi Sankar B., "**Emulsified nano Al₂O₃ – Jatropa methyl ester blends: application in variable compression ratio engine**", World Journal of Engineering, Vol. No. Ahead of print, Issue No. Ahead of Print, pp Ahead of print, 24 July 2020, (ISSN No. 1708-5284) (Indexd in : Scopus) (ESCI) (<https://www.emerald.com/insight/content/doi/10.1108/WJE-04-2020-0135/full/html>)
 - Pankaj Kumar, Ajay Kumar Gupta, "**Hydroelectric energy using prediction technique of flood in river "based on fuzzy rule scheme"**", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. No. 10, Issue No. 3, pp 4647-4654, (ISSN No. 2249-8001) (Indexd in : Scopus) (<http://www.tjprc.org/publishpapers/2-67-1595573078-439IJMPERDJUN2020439.pdf>)
 - Jagadeesh Varanasi, Dr. K. Venkata Subbaiah, K. Karthik, "**Wind Energy Forecasting Accuracy of Wind Power Plant by using Time Series Analysis"based on fuzzy rule scheme"**", Journal of Critical Reviews, Vol. No. 07, Issue No. 14, pp 793-801, (ISSN No. 2394-5125) (Indexd in : Scopus) (<http://www.jcreview.com/fulltext/197-1594885824.pdf?1597761069>)

Extra Curricular Activities

- Koushik modekurti from IT department has been selected as "Google Developer Student Club Lead" representing "Developer Student Club", a University-based Community Gopup of Google, for students in Google Developer Technologies, supporting them as they start and grow their on-campus Community
- GMRIT CSI student Chapter Conducted Code Over Flow (Competition) on 03-05-2020 with a total participation of 129 participants.
- A Webinar on DevOps Practices in IT Industry on 04-05-2020 by Mr.P.Kusa Raju (*Alumnus of GMRIT-CSE*), *DevOps & Systems Engineer, TCS, Chennai*, Organized by GMRIT ACM Student chapter for III CSE & IT students, with a total participation of 125 students (32 External participants).
- GMRIT ACM-W Chapter conducted BIT "C" Hunters (Competition) on 19-05-2020 with a total participation of 531 (External:244, Internal: 287)- Ms. Praveena

Kamireddy of III CSE from MVGR College of Engg stood has winner.

- Dept of CSE and CSI chapter, GMRIT, organized an online competition on 01-08-2020 titled, "BUG BUSTER" A total of 311 Students internally & externally participated.
- GMRIT ACM Student Chapter organized A Webinar on 08-08-2020 titled, "A Webinar on Enroute for IT Industry" by Mr. Kusa Raju, Alumni of GMRIT, Systems Engineer , TCS. , with a total of 229participants. (External: 11,Internal: 218)
- GMRIT ACM-W Chapter organized an online Logo competition from 11th – 14th Aug, with a total of 51 participants.(External: 8,Internal: 43).
- Dept of CSE and CSI chapter, GMRIT, organized an online Workshop from 15-08-2020 & 16-08-2020 titled, "Python Programming Workshop". A total of 103 participants attended.
- GMRIT ACM Student Chapter organized A Webinar on 21-08-2020 titled, "A Webinar post covid opportunities and challenges for prospective entrepreneurs" on the occasion of World Entrepreneurs Day, with a total of 224 participants. (External: 79 ,Internal: 145)
- GMRIT ACM Student Chapter organized an online competition on 23-08-2020 titled, "Codeathon" with a total of 71 participants.(External: 15,Internal: 56).

Training and Placement

- Continuation for the 2015-19batches–Total 646 offers by 61 companies.
- 30+ companies offered CTC of Rs 4 Lac & above.
- 60+ students bagged offers of Rs 4 Lac & above
- 100+ students bagged multiple offers
- 175+ selec
- tions in Wipro, TCS, Syntel, Infosys, CTS & HCL
- FutureSkills Wipro-NASSCOM Introduction Programme was conducted on 6th January 2020 at Seminar Hall for 6th Semester students.
- 38 CSE final year students undergone Tech M training from 03.01.2020 for 3 days.
- Singed and MOU with Inflo Labs , Vizag, an Alumni start-up to establish incubation center
- MOU signed with IBM for academic initiative to offer industry elective courses for CSE/IT

- Mr. Bharath (2019 Batch Alumni), Machine Learning Engineering at Samsung, Bengaluru interacted with 6th Semester students on 8th January 2020 in Seminar Hall.
- 2020 Batch Placements on Boom.
- Total 291 offers by various companies as on date. Total 71 selections in HCL Technologies.
- 123 students places across all branches in TATA CONSULTANCY SERVICES(TCS)