

# GMRIT CAMPUS NEWS



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## About GMRIT

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 seven 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 (CAD/CAM)
- M.Tech (CSE)
- M.Tech (Digital Electronic & Comm. Sys)
- M.Tech (VLSI Design) : Second Shift
- M.Tech (Chemical Engineering)

## Achievements

- GMRIT Ranked 3rd in AP and 67<sup>th</sup> India's Top 100 Private Engineering Colleges Survey done by Education World, May, 2018
- Rated "AAAA" one among the best 6 Engineering colleges in A P by Careers 360, April, 2018
- GMRIT Rated as a \*\*\*\* (4 star) engineering institute 2018 in AP by Career Connect, May, 2018
- Ranked 3rd in AP and 66<sup>th</sup> India's Top 100 Private Engineering Colleges Survey done by Education World, May, 2018
- Ranked 35th in India and 3rd in AP for i3RC Times Top 50 Private Engg. Institutes (Placements), May, 2018
- Rated AAAA Out of 38 colleges in South Zone, by Digital learning May, 2018
- Ranked 64 out of 165 Private Engg. Colleges for India Today-MDRA Best Colleges Ranking 2018 (Engineering), May, 2018
- Ranked 18 th All India and 4th in AP, GHRDC - CSR, out of Outstanding Engg. colleges of Excellence, AP, CSR, out of Top 13 Engg. colleges, June, 2018
- Ranked 80th in India & 54th in South zone among top private Engineering Colleges by The Week, June, 2018.
- GMRIT ranked 22<sup>nd</sup> and 1<sup>st</sup> in AP out of Top 82 Eng. Colleges by Top DQ- CMR Best Technical School Survey, June, 2018.
- Received a letter from UGS for Extension of Autonomous status for 10 years with effect from 2018-19 to 2027-28
- Received Gold Medal and Appreciation letter from AP State Branch of Indian Red Cross Society on June 21, 2018 for organizing Blood Donation Camps at GMRIT Campus
- NBA extended the accreditation status for three more years under Tier I for CSE, Civil Engg. and EEE Branches and now it is valid upto 2020 - 2021

[www.gmr.it.org](http://www.gmr.it.org)

## Institute Related

- NBA Inspection team visited the campus for extension NBA status under Tier – 1 for CSE, Civil and EEE Branches on June 28, 2018
- Four students from third year CSE (Mr. Karthik, Mr. Shanawaz, Mr. Bharat and Mr. Palo Ravi) got qualified in ROUND 'F' of KICKSTART (Code Jam - GOOGLE) with an International Rank of 182, 182, 183 and 183 respectively among participants from 42 different countries
- Dr. S. N. Dash (Professor & HOD) have submitted a project proposal worth 15 lakh and titled 'Impact of Groundwater Quality on Tribal people and Remediation in the Eastern Ghats areas of Odisha and Andhra Pradesh', under SERB-TARE
- Dr. M.Gangadhar is about to submit a proposal worth 29 lakh titled, 'Optimization of Geometrical and Process Parameters for the Intensified Removal of Metal Ions from Industrial Effluents' under EMRF Scheme of DST (The proposal is reviewed and ready for submission)
- 4 CSE students selected for IUCEE Leadership Challenge 2018 under SCALE 2018
- Dr.Ajit kumar Rout has Submitted a Proposal :Intelligent Deep Learning Approach in Big Data Analytics" in CRG-SERB of 24.65 Laks
- IV & III year students attended Guest Lecture on Advanced Manufacturing Techniques by Dr.P.Nageswara Rao, Professor, Department of Technology, University of Northern Iowa, USA from 25<sup>th</sup> June to 29<sup>th</sup> June 2018.
- Dr.M.Gangadhar submitted a project proposal titled, "Optimization of Geometrical and Process Parameters for the Intensified Removal of Metal Ions from Industrial Effluents' to Core Research Grant (CRG) of DST. The project cost is 27.17 Lakh
- Dr. R. Srikanth and Dr. G. Kalyani submitted a project proposal titled, 'Performance Evaluation of a Permeable Reactive Barrier for Pesticide Contaminated Groundwater Remediation' to Core Research Grant (CRG) of DST. The project cost is 38.54 Lakh
- Graduation Day of GMRIT, held on June 16, 2018, Lalith Katragadda, Creator, Google Map Maker is the Chief Guest and Dr. S. Ramakrishna Rao Vice Chancellor, JNTUK Kakinada is guest of honor



- GMRIT Hosted National Power lifting championship during June 22-25, 2018 nearly 400 students from 20 states across India and 13 International officials visited the campus



- Dr. Bh. Arun Kumar, Physical Director, appointed as a coach for AP State Residential summer coaching camp, selected by sports Authority of Andhra Pradesh
- Organized an International yoga day at campus on June 21, 2018



- Sri Snehith Chiluveru from Yahoo was invited for a Guest Lecture on the topic " Design of Algorithms" for the Sensitization Programme conducted for Skill GMRIT on 05.07.2018
- Guest lecture conducted on 13.07.2018 for II Year Civil Students by Dr. S. Justin, Chief Engg. Manager, L & T, Chennai.
- Dr.Bharat Lohani, Mr.Balaji Nagarajan, Geokno., CEO Geokno India Pvt. Ltd., addressed third and final year students regarding Entrepreneur ship skills development on 11<sup>th</sup> July 2018
- A 3 Day regional workshop on 21st Century Challenging Issues in engineering organized by the Dept of CSE, in collaboration with APSSDC on 26th to 28th July 2018
- A 3 Day workshop on Python organized by the Dept of CSE, GMRIT in collaboration with AI & Deep Learning Research Group, GMRIT on 23rd to 25th July 2018
- Mr B Santosh Kumar is awarded I2OR Bright Researcher 2018 Award or his outstanding contribution in the field of DATA MINING
- A Guest Lecture on "Emerging Technology in Power Plants" by Mr Giriraj Uttarwar, Manager , Operations,

GMR Chhattisgerh Energy Ltd. For 3<sup>rd</sup>, 5<sup>th</sup> & 7<sup>th</sup> semester students on 17<sup>th</sup> July 2018

- Mr. B.Raju, Divisional Engineer, Genco has delivered a Guest Lecture for 3<sup>rd</sup> Sem "Scope and Future of Electrical Engineers in Power Sector" & "Advancements in Electrical Machineries for 5<sup>th</sup> Sem Students on 12<sup>th</sup> & 13<sup>th</sup> July, 2018.
- Mr. Namasivaya Asapu (Engineering Manager, Primetels GMBH, Germany delivered a guest lecture on "Inspirational talk for 1<sup>st</sup> year Students of EEE" for 1<sup>st</sup> Sem Students (2017 admitted Batch) on 16<sup>th</sup> July, 2018.
- Department of CSE organised a workshop in Association with AP State Skill Development Corporation on Student Consortium for Advancement and Learning in Engineering Education (SCALE) during July 26-28, 2018



- Dr. Gururaj Telasang, Scientist D, ARCI visited the campus and addressed the students on July 13, 2018
- Organised a Motivational programme for the students of II year through Swami Vivekananda Centre for Human Excellence on July 26, 2018. Shri. P. Jawaharlal Nehru (Psychologist, Advocate, Corporate Trainer, NLP Practitioner & Motivational Speaker) from VIHE, Hyderabad addressed the students



- Shri. G. Satyavani, Publisher and Editor, Satyapadham Magazine and Motivational Speaker visited the campus and address the students and faculty on July 13, 2018
- Guest lecture conducted on "Carrier Opportunities in Civil Engineering" on 09.08.2018 for III Year & IV Year Students by P RAJ KUMAR, QA/QC Engineer 202C – Maradipur, Kanpur.
- Sri G Nagaraju, Practice Head, Analytics & Testing, Zurich Financial Services was invited for the Guest Lecture on the

topic "Analytics Role in Insurance" for Final Year Students and Selected Illrd Year Students on 07<sup>th</sup> August 2018 under ACM Student Chapter

- Sri Alok Pandey, Senior Director, Nagpur Branch Head, Smart Data Enterprises Ltd was invited for the Guest Lecture on the topic "Smart Data Overview & Career Opportunity" for Third Year Students on 11th August 2018
- Mrs G Anusha Katyayini, Programme Leader, Gandhi fellowship marketing & Recruitment, Perimal, was invited for the Guest Lecture on the topic "Women Empowerment & Leadership" for Final Year Girls Students on 17th August 2018
- Mr Vikram Chopra, Head, Resourcing Cybage Software Pvt Ltd, was invited for the Guest Lecture on the topic "Career and Opportunity on IT Sectors" for Third Year Students on 18th August 2018
- Mr Subham Anand, HR IG Infotech Software Pvt Ltd, was invited for Motivation Session for Third Year Students on 20th August 2018
- Mr K Somesh, Assistant Professor organized a 3 Day workshop on i-BootUp IOT Series under AP Innovation Society on 27th to 29th August 2018
- Dr M Balajee, Assistant Professor organized a One Day workshop on Recent Trend in Graduate Research 2018 on 24th August 2018

## Academic Achievements

### Technical Paper Publication in Conferences

- Mr K Ravibabu, Asst.Prof. from Maths "Coupled fixed and coincidence point theorems for generalized contractions in metric spaces with a partial order" ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS (IJPAM)– N. 39–2018 (434–450).
- M.Rambabu, D.Rajesh babu, "Hybrid Power Generation in Remote locations using Renewable Energy Sources", International Conference on Advances in Science & Techology, organized by Swami Keshvanand Institute of technology management & Gramothan, Jaipur, May 2018.
- Jami Venkata Suman has presented a paper titled "Design and Implementation of FPGA based 32 bit Wallace and Systolic Multipliers" in the International of creative research thoughts, volume-6, issue-2, pp: 162-166, April 2018.
- K. Chiranjeevi, U. R. Jena, SAR Image Compression using Adaptive Differential Evolution and Pattern Search based K-Means Vector Quantization, Image Analysis & Stereology, 2017. (Accepted), (UGC List No: 15414), Abstracting/ Indexing: Science Citation Index Expanded (SCI) (Impact factor: 1.135).
- K. Chiranjeevi, U. R. Jena, M.V.Nageswara Rao, "Image Compression based on adaptive Image Thresholding by maximizing Shannon and Fuzzy Entropy using Teaching

- Learning Based Optimization” is under review in Int. J. of Advanced Intelligence Paradigms (IJAIP), INDERSCIENCE publishers, (UGC List No: 16315), SCOPUS.
- P. M. K. Prasad, G. SasiBhushana Rao, M. N. V. S. S. Kumar, K. Chiranjeevi, “Design and implementation of non-perfect reconstruction biorthogonal wavelets for edge detection of X-ray images”, Int. J. Data Science, Vol. 3, No. 1, 2018 INDERSCIENCE.
  - Dr.T.Prabhakar presented a paper titled “Analysis of Alzheimer Condition in T<sub>1</sub>-Weighted MR Images using Texture Features and k-NN Classifier” at IEEE International Conference on Control, Communication and Computing IC<sub>4</sub> 2018 during July 05 - 07, 2018 Organized by College of Engineering, Trivandrum, Kerala
  - Mr G Suresh & Mrs N V Lalitha published a paper titled “A review on Elliptic Curve Cryptography”, Journal of Emerging Technologies and Innovative Research, Vol. 5, Issue.7, 2018, pp. 212-214.
  - Dr P. Sumati Kumari, published International conference paper titled “Fixed point results for generalized cyclic compatible contractions” in the 10th Asian Conference on Fixed Point Theory and Optimization (ACFPTO2016) July 16-18, 2018, CMU, Chiang Mai, Thailand
  - B.M.V.A. Raju, Hruday.K, Rahul.B, published a paper titled “Robots in Medicine: Past, Present and Future”, International Journal of Manufacturing, Materials and mechanical Engineering, Volume-7, Issue-4, pp; 44-64, 2017. ISSN: 2156-1672, Indexed in ESCI, Scopus.
  - A. Shobha Rani, D. Ajaad, P. Karteek, A. Lakshumu Naidu, published a paper titled “Experimental Investigation on the Performance and Emission Characteristics of DI-Diesel Engine using Diesel - Ethanol blends and aluminium oxide nano particles”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume-8, Issue-01, pp-521-530, 2018. ISSN: 2249-8001, Indexed in Scopus.
  - A. Lakshumu Naidu, K. Srinivas, published a paper titled “Experimental Study of The Mechanical Properties of Banana Fiber and Groundnut Shell Ash Reinforced Epoxy Hybrid Composite”, International Journal of Engineering, Volume-31, Issue-4, pp-184-191, April 2018. ISSN : 1735-9244, Indexed in ESCI, Scopus.
  - J. Kalpana, P. Srinivasa Rao, P. Govinda Rao, published a paper titled “Investigation of Acceleration Effect on the Flexural strength of Vibratory Dissimilar welded Joints”, Materials Focus Journal, Volume-6, Issue-2, pp- 107-113, April 2018. ISSN: 2169-4303, Indexed in ESCI, Scopus.
  - Lakshmi Adathodi, J.Raja Murugadoss and G.Kalyani, published a paper titled “A Comparative Study on Vehicular Tyre Rubber and Aircraft Tyre Rubber: A Review Based on SEM EDS and XRD Analysis”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 8, Issue 2, pp. 1227-1234, April 2018. (Scopus Indexed)
  - Dr M Balajee published a paper “Minimizing Burden of the Reducer by Implementing Load Balancing Mechanism for Big Data Processing”, International Journal of Pure and Applied Mathematics, Volume 119 No. 12, May, May, 2018.
  - Ms Y Divya Bharathi & Mrs P Someswari published a paper published “A Framework For Student Academic Performance Using Naive Bayes Classification Technique” in Journal of Advancement in Engineering & Technology, 2018-06-05.
  - G. Indira Kishore , Ramesh Kumar Tripathi, published a paper titled “Single-Phase PFC Converter Using Switched Capacitor for High Voltage DC Applications” IEEE Transactions On Industry Applications, Vol. 54, Issue No. 3, May/June 2018. (Indexed in: SCI).
  - Kumar Pakki Bharani Chandra and Mohamed Darouach, published a paper titled “Two-stage Information Filters for Single and Multiple Sensors, and their Square-root Versions,” Provisionally accepted in Automatica, 2018. (Indexed in: SCI).
  - Ms. V.Vasudha Rani has published a paper entitle “ Location Based Disease’s Analysis Through Twitter Data”

## Published in Journals

- Sahu, A. K., assistant Professor published a paper titled “An Improved Data Hiding Technique Using Bit Differencing and LSB Matching”, Internetworking Indonesian Journal, Vol. 10 , No.1, pp. 17-21, May-2018,( Indexed in : ESCI & Scopus) ISSN: 1942-9703.
- D. Siava Krishna, assistant Professor, & V. Prasad, Associate professor published a paper titled “A Novel and Proposed Comprehensive Methodology using Deep Convolutional Neural Networks for flue Cured Tobacco Leaves Classification”, Springer International Journal of Information Technology,(Online First)(Indexed in : Scopus) ISSN(P) 2511-2104, ISSN(O):2511-2112, doi: 10.1007/s41870-018-0174-4
- Jami Venkata Suman published a paper titled “Performance Analysis of LMS filter using Chaotic and Barker codes for Radar Target Detection” Journal of Engineering and Applied Sciences, 13(6), pp:1537-1543, 2018.
- Mr. A.V.Ramana published a Journal entitled “ Detection of Phishing Websites using Hybrid Model” in International Journal for Research & Development in Technology Volume9, issue-4(Apr-18), ISSN (o):- 2349-3585
- B.B.V.L. Deepak, Balamurali.G, B.M.V.A. Raju, B.B. Biswal, published a paper titled “Assembly sequence planning using soft computing methods: A review,” Proc. Institute of Mechanical Engineers Part E: J. Process Mechanical Engineering, Published online on 29-03-2018. ISSN: 2041-3009, Indexed in SCI with impact factor of 1.448, Indexed in Scopus.

- International Journal of Pure And Applied Mathematics, Volume 119, No. 15 2018, 19-26, ISSN: 1314-3305
- Ms. V.Vasudha Rani has published a paper entitle "Efficient Tool for Diabetes Tracking through Layered Bigram Approach" International Journal of Computing Communications and Data Engineering Series in computing facies from SSRN Database Elsevier indented May 29<sup>th</sup>, 2018
  - Ms. M.Suneetha has published a paper entitle "Comprehensive Study on High Utility Itemsets Mining With Various Approaches and its Applications" International Journal of Pure and Applied Mathematics, Volume 119, No.15, 2018, 7-17, ISSN: 1314-3395
  - Ch R Vinod Kumar published a paper titled " A Synoptic Study on Sentiment Analysis Algorithms and Applications" " International Journal of Pure and Applied Mathematics, Volume 119, No.15, 2018, 3193-3203, ISSN: 1314-3395
  - K. Santa Rao, C.L.V.R.S.V. Prasad, G. Swami Naidu, published a paper titled "Experimental Invistigation on Influence of SiC and Nanopowder blended Dielectric in Electric Spark Machining", International Journal of Modern Manufacturing Technologies, Volume-X, No 1/2018, pp- 84- 91. ISSN: 2067-3604, Indexed in Scopus.
  - M Akhilesh, K. Santa Rao, M.V.S. Babu, published a paper titled "Thermal Conductivity of CNT- Water Nanofluids: A Review", Mechanics and Mechanical Engineering, Volume-22, Issue no.1, 2018, pp-207-220. ISSN: 2354-0192, Indexed in Scopus.
  - V Chitti Babu, P Govinda Rao, K Santa Rao and K Murali Krishna, published a paper titled " Design of Accurate Steering Gear Mechanism", Mechanics and Mechanical Engineering, Volume-22, Issue no.1, 2018, pp-91-103. ISSN: 2354-0192, Indexed in Scopus.
  - B Venkata Suresh, Y Shireesha and B. Sateesh, published a paper titled "Vibration Analysis and Control of Locomotive System" , Mechanics and Mechanical Engineering, Volume-22, Issue no.1, 2018, pp-195-205. ISSN: 2354-0192, Indexed in Scopus.
  - M.Krishna Prasad, K.Srinivasa Rao, Madhusudhana Reddy and G.Sreedhar, published a paper titled "Hot Corrosion of SrTiO<sub>3</sub> Perovskite in Na<sub>2</sub>SO<sub>4</sub> + 50 wt% V<sub>2</sub>O<sub>5</sub> and Na<sub>2</sub>SO<sub>4</sub> \_ 10 wt% NaCl Environments at 900°C", International Journal of Corrosion, Hindavi Publication, Article ID: 4763085, pp. 1-7, June 2018. (ESCI Indexed)
  - O.Chowdeswararao and G.Kalyani, "Water Quality Index around Srikakulam District", International Research Journal of Engineering and Technology (IRJET), Vol. 5, Issue 5, pp. 3914-3917, May 2018.
  - Mr.V.Manoj: published a paper titled "PROGRAMMED RAILWAY TRACK FAULT TRACER" International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) SCOPUS Indexed Journal on Jun 2018.
  - Mr.S.Ravi Babu: "Thermo-physical Properties of Water +Ethylene Glycol based physical Properties of Water +Ethylene Glycol based Alumina Nanofluids" Journal of Mechanical Engineering Research and Developments , Vol.41, No.1, ISSN: 1024-1752, on June 2018, PP. 168-176.
  - M. Rama Chandra, Assistant Professor, published titled "Type 2 Diabetes Classification and Prediction using Risk Score", International Journal of Pure and Applied Mathematics, (IJPAM), Vol. 119, No. 15, 2018, pp.1099-1111, ISSN 1311-8080 (P), ISSN 1314-3395 (O) (Indexed in : Scopus), SNIP: 0.388, SJR: 0.253
  - K.V.S. Prasad, published a paper titled "Quality Management in Technical Education: A Case Study on Perceptions of Students", International Journal of Pure and Applied Mathematics, Special Issue Volume 119 No. 16, pp.1315-1321, July 2018. (Indexed in: Scopus) (ISSN: 1314-3395).
  - P. Ramana, Jallu Hareesh Kumar and Adavipalli Chandana, published a paper titled "Grid Tied Photovoltaic System with Perturb and Observe Maximum Power Point Controller and LCL Filte", International Journal of Engineering and Technology, Vol. 7, No.3.6, pp.68-73, July 2018. (Indexed in: Scopus) (ISSN No.: 2227-524X).
  - M. Prem kumar, K. Karthick, and R. Sowmya, published a paper titled "A Comparative Study and Analysis on Conventional Solar PV Based DC-DC Converters and MPPT Techniques", Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), Vol. No.11, Issue No.03, pp. 831-838, September 2017. (Indexed in: Scopus) (ISSN No.: 2502-4752)
  - M. Prem kumar, K. Karthick, and R. Sowmya, published a paper titled "A Review on Solar PV Based Grid Connected Micro inverter Control Schemes and Topologies", International Journal of Renewable Energy Development (IJRED), Vol. No.07, Issue No.02, pp. 171-182, July 2018. (Indexed in: ESCI) (ISSN No.: 2252-4940)
  - Ms. V.Vasudha Rani has published a paper entitle "Analyzing the Populsrity of City (Hyd) ThroughTwitter Data" International Journal of Computer Trends and Technology (IJCTT), Volume-60, Issue 1<sup>st</sup> June, 2018, ISSN: 2231-2803
  - Ms. M.Suneetha has Published a paper entitle "Comprehensive Study on High Utility Itemsets Mining with Various Approaches and its Applications" International Journal of Pure and Applied Mathematics Volume 119 No. 15 2018, 7-17, ISSN: 1314-3395 (on-line version)
  - R.Srikanth and H.Joga Rao, published a paper titled "Synthesis and Characterization of Titanium Dioxide (TiO<sub>2</sub>) Nanoparticles" Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 9, Issue 4, pp. 313-319, July 2018. (ESCI Indexed)

- A.Bhargav Achuta Ram and H.Joga Rao, published a paper titled "Effectiveness of the Mustard Seed Powder and Cake for the Coagulation of Synthetic Municipal Waste Water", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 9, Issue 4, pp. 1422-1428, July 2018. (ESCI Indexed)
- N. S. S. Rama Krishna, D. Elangovan & Revathi Baniseti, published a paper titled "A Review On Power Management Technique hybrid Micro-Grid Systems", International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 8, Issue 4, pp. 203-210, Aug 2018. (Indexed in: SCOPUS) (ISSN No.: 2249-6890).
- Mr B Nagamani Naidu and Mr Dharmana Govinda, published a paper titled "Nano NaSrBi(1-x)EuWO6 Catalyzed Synthesis of Substituted Benzoxazole in Aqueous Media" in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 6 Issue VII, July 2018- Available at [www.ijraset.com](http://www.ijraset.com).
- Dr K Dasu Naidu, published a paper titled "Cosmic strings in a five dimensional spherically symmetric background in f (R,T ) gravity" in Astrophys Space Sci (2018) 363:158 <https://doi.org/10.1007/s10509-018-3380-4>, Springer-June 2018.
- Dr P. Sumati Kumari, published a paper titled "New Fixed Point Results via C-class Functions in b-Rectangular Metric Spaces" in International Journal- "Communications in Mathematics and Applications" Vol. 9, No. 2, pp. 109-126, 2018 ISSN 0975-8607 (online); 0976-5905 (print) Published by RGN Publications .
- Dr C.V.Seshaiah , published a paper titled "Factorization of Semi- Hyponormal Operators" international journal RAVISTA DE LA FACULTAD DE AGRONOMIA(LUZ), Issue No.34, in 2018 published by Esta publicacion cientifica , VENEZUELA, with ISSN 0378-7818, Pg No:306-309,
- Mr.V.Manoj: published a paper titled "Photovoltaic system based grid interfacing inverter functioning as a conventional inverter and active power filter" Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018 (SCOPUS Indexed Journal ) on July 2018.
- K.Gopi Shankar, published a paper titled "Determination of PCU and Traffic Signal Design through Multiple Linear Regression Model", International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol. No.4, Issue No.8, pp 543-548, August 2018. (Impact Factor: 5.22 (Impact Factor-2017 Given by SJIF) (Indexed in:Google scholar) (e-ISSN:2455-2585).
- Siva Gowri Prasad S, published a paper titled "A Review on Stone Matrix Asphalt by Using Stabilizing Additives", International Journal of Technical Innovation in Modern Engineering & Science, Vol. No.4, Issue No.8, pp 162-166, Aug. 2018. (ISSN No.: 2455-2585).
- Dr.A.Vijay Kumar, Professor Published a paper an International Journal Title "Replacement of Fine Aggregate with Foundry Sand", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August – 2018, Pages: 59-63
- Dr.J.Venkateswara Rao, Professor , Mr B Ram Kumar, Assistant Professor, Published a paper an International Journal Title "Personal Rapid Transit: A Review", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August– 2018, Pages: 41-45
- Ms.S.Aishwariya, Assistant Professor Published a paper an International Journal Title "Integrated Multimodal Transportation System - A Case Study in Trivandrum", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August– 2018, Pages: 1-7
- Mr. Bimalendu Dash, Mr.B P R V S Priyatham, Assistant Professor published a paper in International Journal Title "Self-Healing Concrete: A Review", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August – 2018, Pages: 28-34
- Ms.K S S Padma, Assistant Professor published a paper an International Journal Title "Soil Stabilization Using Crumb Rubber and Cement", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August – 2018, Pages: 35-40
- Ms.S.Aishwariya , Ms.K S S Padma, Assistant Professor published a paper an International Journal Title "A Case Study On Road Safety From Salem To Namakkal On NH-7", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August– 2018, Pages: 46-53
- Mr.M T S Lakshmayya, Assistant Professor published a paper an International Journal Title "Chemical Analysis on Brick Soil – An Experimental Study", International Journal of Academic Engineering Research (IJAER) ISSN: 2000-001X Vol. 2 Issue 8, August – 2018, Pages: 54-58
- Aditya Kumar Sahu, Gandhraba Swain, published a paper titled "Pixel Overlapping Image Steganography Using PVD and Modulus Function", 3D Research Journal, Vol.9:3,pp. 2-14, Springer Publisher, 2018, Indexed in ESCI & Scopus, ISSN(O): 2092-6731(Available Online) DOI: <https://doi.org/10.1007/s13319-018-0188-5>
- J. Ravi Kumar, published a paper titled "Smart Irrigation Using Weather Prediction", International Journal of Advance Research and Innovative Ideas in Education, Volume 04, Issue No. 04, pp.1129-1134, August 2018. (ISSN: 2395-4396).

## Workshops/Conference Attended

- Mrs.T.Geetamma attended GIAN course "Evolution of Wireless Communication towards 5G" from 07-05-2018 to 17-05-2018 at IIT, Kharagpur.
- Mr. A.V.Ramana has participated in GIAN course on "Cyber Security Trends & Technologies" at IIT Patna from 14<sup>th</sup> to 18<sup>th</sup> May, 2018
- Dr. P.Kanchnamala has Completed an Internship on Android at INV Technologies, Visakhapatnam from 7<sup>th</sup> to 19<sup>th</sup> May, 2018
- Dr R Priya Vijayanthi, Dr Prasad & Mr K Somesh attended a 3 Day Workshop on AI and Deep Learning, Leading India AI, at SR Engg College, Warangal in association with Bennett University from 17th to 19th June 2018.
- V. Rambabu, A. Lakshumu Naidu, Srinivas Kona, attended a Day Workshop on "Analysis of Mechanical and Thermal Behavior of Sisal Fiber Composites: Review", International Mechanical Engineering Congress and Exposition, International Conference on Latest Innovations in Materials Engineering and Technology, held on 15-06-2018 to 16-06-2018 organized by Lendi Institute of Engineering and Technology, Vizianagaram.
- Mr.M.Vykunta Rao & Mr. BV Suresh attended 15 days Internship programme at Berry Alloys Limited, Bobbili from 04<sup>th</sup> June to 17<sup>th</sup> June 2018.
- Mr.GVD Mohan & Mr. PSKR Raju attended 15 days Internship programme at GMR Energy Power plant, Kamalanga from 21<sup>st</sup> May to 1<sup>st</sup> June 2018.
- Mr.T.Govinda Rao has successfully completed 4 weeks online course "Neural Networks and Deep Learning" authorized by deeplearning .ai and offered through Courseera on July 2018
- Mr.P.Kalyan chakravarthy has successfully completed 4 weeks online course "Neural Networks and Deep Learning" authorized by deeplearning .ai and offered through Courseera on July 2018.
- Mr.B.Anil Kumar has attended GIAN workshop on "Medical Image computing : Machine learning methods and advanced MRI applications at IIT, Bombay from 23<sup>rd</sup> July to 27<sup>th</sup> July 2018.
- Mr. M.Satish and Mr. G.Satya keerthi has Participated (APSSDC) in the IUCEE international Engineering Education Pre-Certificatiion Workshop by Dr.Claire Komives, San Jose at Vignan's Institute of Information Technology (A), Visakhapatnam from 12<sup>th</sup> -14<sup>th</sup> July, 2018
- Dr. P.Kanchanamala and Dr. A.Anupama has successfully cleared the assessment test and completed a hands on workshop on " Artificial Intelligence and deep Learning held at SR Engineering College, Warangal , Hyderabad from 17<sup>th</sup> to 19<sup>th</sup> June, 2018
- Dr A V Ramana, Professor & HOD attended a One Day workshop on NPTEL organized by IIT Kharagpur in Kolkatta on 03rd August 2018

- Mr K Somesh, Assistant Professor attended a One Day workshop on NPTEL organized by IIT Kharagpur in Kolkatta on 03rd August 2018

## Extra Curricular Activities

- Gopiredy Chaitanya Kalyan, 4 CSE A, has been selected for Internship Student Partner as ISP 10, June 2018
- 4 Students D Bhargav( 4 CSE A), T L D Likitha & Rahul Chenna (4 CSE C) & Vesalapu Bhargavi( 3 CSE C) attended a 4 Day training programme in VIT, Chennai.
- Benkili Sai Kiran, Final CSE Student had received Gold Medal on the eve of Graduation Day Ceremony from Lalith, Google Map Creator, Google.
- Padala Kusaraju attended the Summer Internship Programme organized by Mission R&D at IIIT Hyderabad from 23rd May 2018 to June 19th 2018.
- 13141A0806-Ch.Lavanya Naga Pushpa (B.Tech) (2013-2017 Batch), an alumni of Chemical Engg. and Prathibha Awardee have interacted with 5<sup>th</sup> and 7<sup>th</sup> semester students and enlightened them on how to excel in academics.
- Six students (UG (B. Tech.)-2 & PG (M. Tech.)-4) are selected for AP Government Prathibha awards
- 46 Students of 3<sup>rd</sup> CSE had attended the workshop conducted by AI & Deep Learning Research Team on 23<sup>rd</sup> to 25<sup>th</sup> July 2018
- 4 Students from 2<sup>nd</sup> CSE A & 1 Student from 3 CSE B had attended Industrial Workshop on Internet of Things in HMI Engineering Services, Visakhapatnam conducted on 15<sup>th</sup> July 2018
- 3 CSE A Student Kadeer Bhasha along with 3 CSE B Student B Bulli Swami Reddy had organized an socio related event for kids in and around Rajam under NSS fold
- ACM Student Chapter GMRIT had conducted a one day workshop on Android App Development for IIInd & IIIrd Years
- Mr M Dileep, Mr Padala Kusa Raju & Mr Ch M S Rohith, organized a 1 Day workshop on Android App Development under CSI Students Chapter on 4th August 2018
- 70 Students had participated in the Dept level CSI Event titled "Technotainment V 1.0" organized by CSE Dept on 10th July 2018
- 110 Students had participated in the Dept level CSI Event titled "Technotainment V 2.0" organized by CSE Dept on 18th August 2018

## Training and Placement

- Total 84 companies visited the campus in the academic year 2017-18. Continuation for the 2014 batch - 464 placements as on June - 2018.



- In the month of July-2018, 3 companies visited the campus (Musigma, Riktam, Google (Kick start codejam competition)) and 13 students placed
- Signed 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
- CRT Classes have been conducted for present Final Year students from 14-6-2018 to 25-6-2018
- Dr Tushar & Vice Principal conducted a motivation session for all the registered 105 Students for dealing with Code Jam Kick Start
- 105 Students from final CSE had registered for Google Code Jam Kickstart, which is to be held on 29th July 2018
- 137 Students , in which 71 Students from final year had participated in MOCKVITA Contest 2018
- 432 Students of 2nd , 3rd and 4th Year registered for Codevita 2018 Contest
- IIIrd Year and IVth Year Student attended Group Counselling Session on " Personality Development" on 02nd & 03rd July 2018
- Sri Amaranarayana Chowdary K, Alumni GMRIT 2010 Passout conducted a motivational cum Interaction Session on "Civil Services as Career Opportunities" on 27th July 2018 for III Year CSE Students and 28th July 2017 for II CSE Students
- Mr D Praveen Kumar, Software Programmer and currently associated with Cognizent Technologies, Chennai delivered a talk on "How to write a Beautiful Code?" in the Coding Platform of Skill GMRIT on 19th July 2018
- Mr M Sriram, Alumni 2007 Passout and currently associated with Oracle, US, delivered a talk on "Neat Code" which made students motivated in the Coding Platform of Skill GMRIT on 16th July 2018
- CRT Phase 2 Training programme on English is started on 10th to 15th July 2018
- Day #1 Session for SKILL GMRIT is initiated for this academic year on 09th July 2018
- 92 Students of CSE participated actively in the Night Session after Post Dinner for Skill GMRIT
- Google Crowd Source Campaign for Final CSE Students @ 11:30 AM on 16th July 2018

- Google Crowd Source Campaign for Third & Second Year CSE Students @ 3 PM on 16th July 2018
- Dr R Priya Vijayanthi & Dr V Prasad had involved as the Resource Persons & Trainers in the Add-on Course " Design the Thinking" for ECE Students as a part of Industry related Training 8012 FinTech Lmtd ( Polaris) from 13th July 2018 to 19th August 2018
- Mr.M.Kartheek, An Alumni of 2013 batch have delivered a talk on opportunities in Canada. (He is currently working in Kanoria Chemicals, Visakhapatnam. He got qualified in IELTS with good Score and is moving to Canada during August 2018 for doing his MS)
- All the students attended "A Motivational career option" on 27<sup>th</sup> & 28<sup>th</sup> July 2018. by Mr.Amara Narayana Chowdary.
- Beacon, the GMRIT Alumni Association, inaugurated the "Delhi Alumni Chapter" on July 29, 2018 and around 52 Alumnus attended the meet



- 2 Day training Programme is scheduled on 06th & 07th August 2018 for 16 Students who are selected for Round 2 @ Musigma On Campus Drive
- 2 Day training Programme is scheduled on 10th & 11th August 2018 for 101(66+35) Students who are eligible for EPAM Placement On Campus Drive
- 2 Day training Programme is scheduled on 27th & 28th August 2018 for 132 Students who registered for TCS Ninja Drive
- In Aug ` 2018 total companies visited the campus 8 (Hansa solution, TCS code vita, EPAM, Value Labs, IG Infotech, Indian Navy, Nine Leaps, Unistring) and total 24 students placed.
- Md Shanavaz, P Satya Niroop, L Sartah, Ashish Varma, Charan Raj & D Bhargav Final CSE had undergone Interview Process of Hansa Solutions Drive, ON Campus and is selected with a package of 4.0 LPA
- B Dinesh, A Divya, B Soumya & Suru Anusha Final CSE had undergone Interview Process of Infosys Campus Recruitment Drive, OFF Campus and is selected with a package of 3.82 LPA