

# GMRIT CAMPUS NEWS



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## About GMRIT

[www.gmr.it.org](http://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 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 (Cyber security)
- 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<sup>th</sup> All India and 4<sup>th</sup> 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 & 54<sup>th</sup> in South zone among top private Engineering Colleges by The Week, June, 2018.
- GMRIT ranked 22nd and 1<sup>st</sup> in AP out of Top 82 Eng. Colleges by Top DQ- CMR Best Technical School Survey, June, 2018.

## Institute Related

- Sri G S Srikanth, Alumni, Lead Engineering Manager, Cerner Corporation, Bangalore was invited for the Guest Lecture on the topic "Recent Trends in Software Development" for Final Year and IIIrd Year Students on 14<sup>th</sup> September 2018 under ACM Student Chapter
- 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



- Sri. Ratan Tata visited the campus on December 10, 2018 on occasion of Vaedictory Function of Silver Jubilee Celebration of GMRVF
- 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)
- A Guest Lecture is conducted by Mr. Riayaz, Sr.Engineer, Yard Electrical Dept., Hindustan Shipyard Ltd., Visakhapatnam "Topiced Covered" Batteriese, their Operation & Maintenance" and "Trouble shooting Electrical supply for Ships" on 10.09.2018
- A Guest Lecture condycted by Mr. P.Ramprasad, Sr.Engineer, Power Grid Corporatin of India on 11.09.2018 topics covered: "Power Scenario in India, One Nation One Grid. And "Switchgear protection used for HVAC, HVDC Transmission"
- A Guest Lecture condycted by Dr. N.Kumarappan, Professor & Hod, Annamalai University on 14.09.2018 topice covered: "Smart Grids"
- A text book on Network Analysis and Synthesis by Dr. Ramana Pilla, Dept. of EEE, Universities Press (India) Pvt.Limited, Hyderabad, India, ISBN No: 9789386235664
- A text book on Basic Electrical Eneengineering (As per JNTUH, Hyderabad syllabus) by Dr. Ramana Pilla, Dr. M. Surya Kalavathi & Dr. G.T. Chandar Sekhar, Schand Publications, New Delhi, India, ISBN No: 9789352835072
- conducted a Teachers Day Celebrations on 05.09.2018
- Guest Lecture on "Future Enterprise Mobility: Challenges, Solutions & Optimizations" by Mr. Abhijeet, Manager IT Dept., RINL, Visakhapatnam on 14th September, 2018 (Friday) at 10.30 AM
- B.Tech 3<sup>rd</sup> & 4<sup>th</sup> Year students attended Programme "Importance of Vote in the democracy" address by Smt. G.Jayadevi, Special Deputy collector, Electoral Registration Officer on 15.09.2018 at Gallery hall.
- Guest Lecturer "Corrosion and Characterization of Materials" by Dr. K.Gopala Krishna, Principal Scientist, National Metallurgical Laboratories, Jamshedpur, on 29.09.2018 at III-Block Seminar hall.
- Prof. M.C.Maikap, Department of Chemical Engineering, IIT Kharaghpur, have delivered a talk on the importance of GATE and associated job opportunities to third and final year students on 15-9-2018.
- A Guest Lecture on "Wind Energy" by Dr. H. Naganagowda, Director, National Training Centre for Solar Technology, Karnataka Power Corporation Limited, Bangalore" for 3<sup>rd</sup> semester students on 2.00pm to 3.15pm, 22<sup>nd</sup> Sept, 2018.
- A Guest Lecture on "Power Scenario in India, One Nation one Grid switchgear protection used for HVAC, HVDC transmission" under IEEE Student Chapter by Mr. P.Ram Prasad, Sr.Engineer, Power Grid Corporation of India" for 5<sup>th</sup> semester students on 10.30am to 12.30pm, 11<sup>th</sup> sept, 2018.
- A Guest Lecture on "Thermal Power Plant Operations" under SAE India by Mr. Mr.S.V.Suresh, NTPC Simhadri, Visakhapatnam, for 3<sup>rd</sup> semester students on 10.30am to 12.30pm, 11<sup>th</sup> sept, 2018.
- Organized The Hindu Inter Collegiate Championship on September 21, 2018.
- Organized Mass Voter Registration Programme in association with Revenue Department, Joint Collector of Srikakulam Sri. KVN Chakradhara Babu, IAS attended as a Chief Guest, MRO, Dy. MRO and other officials participated. on 20.09.2018
- NSS organized Free blood grouping camp for 1st B.Tech students in association with Indian Red Cross Society, Srikakulam on 17<sup>th</sup> and 18<sup>th</sup> September 2018.
- NSS Day celebrations on 24<sup>th</sup> September 2018.
- Ms. T. Samyuktha (II YEAR EEE) has bagged the second position in Power Lifting at National Level under 63 kg category.
- A Guest Lecture on "Enabling Placement for Enterprise Mobility" by Mr. Suresh Kumar Tankala, Project Manager, Wipro, Visakhapatnam On 16<sup>th</sup> October, 2018 (Tuesday) at 10.00 AM for Final Year IT students.
- Dr.G.Sasikumar delivered a guest lecture on Guidelines for writing Effective Research and Conference Papers at ISTE Sponsored National Seminar organized by Excel Engineering College, Tamil Nadu on 29.9.2018.
- Dr.G.Sasikumar acted as an External Auditor for IQAC Audit on 29.9.2018 for ECE Department, Excel Engineering College, Tamil Nadu.
- Identified as a Venture Initiation Center (VIC) to participate in the International Institute of Entrepreneurship Development (i2E), an initiative of

- APSSDC in partnership with Northeastern University, Boston, USA
- Two members of faculty from EEE and Mechanical Engg. are iden
- tified by the German Partners to give training on Mechatronics and Manufacturing at Germany during December 2018
- Community Radio Station's License is extended by the Ministry of Communications up to September 30, 2019
- 2 Students of Final CSE had attended for Neural Hack 2.0 conducted at Chennai by Virtuisa GTP are selected for Grand Finale on 22nd November 2018.
- P Charan Raj Kumar, Final CSE had won among the top 5 Coders in Neural Hack 2.0 Contest



- Dr.M.Gangadhar has 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 have 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
- Received a letter from UGS for Extension of Autonomous status for 10 years with effect from 2018-19 to 2027-28
- Dr. Bh. Arun Kumar, Physical Director, appointed as a coach for AP State Residential summer coaching camp, selected by sports Authority of Andhra Pradesh
- K.Chiranjeevi Guest Lecture on "Applications of Soft Computing Techniques in Signal and Image Processing" at Andhra University College Engineering, Andhra University, Visakhapatnam on 8th November 2018.
- Launched Venture Initiation Center (VIC) in association with International Institute of Entrepreneurship Development, Northeastern University, Boston, USA and APSSDC for offering course on "Entrepreneurship Skills" to the students on November 30, 2018
- Organized a half-day training program on "Finance for Non Finance HoDs" on Pivots to an Institutional Operations. Dr. S. S. Prasad Rao- Professor Finance and

- Director Center for learning and sustainability – GITAM University delivered the lecture on November 17, 2018
- Two of our students (Mr. P. Charan and Mr. M. Bharat) of final year CSE bagged one among top 5 and 26 coders among 5000 participants across the country in Virtuisa GTP Neural Hack Contest 2018 respectively with job offer along with a cash award of Rs. 25, 000
- Mr. Bharat, student of final year CSE bagged the 63<sup>rd</sup> position among 30000 participants in TCS CodeVita 2018
- Signed an MoU with Institute of Technology, Petronas, Malaysia for all possible academic collaborations
- Mr. P. Ravi Kumar Palo, 4<sup>th</sup> year CSE bagged the 76<sup>th</sup> position among 30000 contestants in TCS CodeVita at International Level

- Dr. M. V. S. Babu, Professor, Department of Mechanical Engineering and Mr. Prem Kumar, Assistant Professor, Department of EEE are trained in Industrial Robotics and Automation Solution at European Centre for Mechatronics at Aachen University, Germany for a period of 10 days
- Organized Talent Appreciation Day on December 29, 2018 (Saturday) as a part of admission promotional strategy for the next academic year to create a positive note among the students of first year. Approximately 400+ members attended the programme including intermediate college Principals, Parents and Senior Teachers from the districts of Srikakulam, Vijayanagaram, Vizag, East and West Godavari and Vijayawada. All top scorers of EAMCET 2018 (Less than 15000 Ranks) were rewarded with laptops and meritorious scholarships





- "Nuclear Technology for Sustainable Development " by SH. R.K. Singh, Head, Media Relations & Public awareness section BARC , Mumbai & Secretary, Indian Nuclear Society for B.Tech IIIrd Year students conducted on 13<sup>th</sup> Dec' 18.
- "Empowering India through Augomic Energy" by 'Mr. Venkata Ratnam, Scientific Officer/H, Officer-Incharge Engineering Services Division, BARC(Vizag) for B.Tech IIIrd Year students on 13<sup>th</sup> Dec' 18.
- "Career opportunities in Department of Atomic Energy" by Dr. M V Suryanarayana, SO/H, PPEMD ) for B.Tech IIIrd Year students conducted on 13<sup>th</sup> Dec' 18.
- "Indian Nuclear Programme & Pre-project activities at NPP at Kovvada " by 'Mr. Sh. Ravi Kumar, NPP, Kovvada, NPCIL for B.Tech IIIrd Year students conducted on 13<sup>th</sup> Dec' 18.
- "Environment Monitoring of site" by 'Mrs. P. Padma Savitri, OIC,ESL,ESSV,RSSD,BARC, Visakhapatnam for B.Tech IIIrd Year students conducted on 13<sup>th</sup> Dec' 18.
- "Nuclear Agriculture & Food Security" by 'Dr. Kuber Bhainsa, Scientific Officer/F, Nuclear agriculture and Biotechnology Division, Bioscience Group, BARC for B.Tech IIIrd Year students conducted on 13<sup>th</sup> Dec' 18.
- Mr. Shiven Verma , COE Head-Talent Dvpt.& Engagement, CHR, GMR Group Corporate HR given guest lecture on "Trying to create a differentiation in self" on 11-12-2018 for 6<sup>th</sup> sem students
- Mr.K.Sasank Kumar, Business Development Associate, Think and Learn Pvt Ltd. Interact with 6<sup>th</sup> sem students on 20-12-2018.
- Mrs. Sahithi, Infosys, Technical Analyst, gives topic on "Motivation and awareness on industry needs" to 6<sup>th</sup> sem students on 21-12-2018.
- Mr. Sharath Srinivasan, Senior SAP Consultant, PWC, Bombay gives topic on "Carrier Development" to 6<sup>th</sup> sem students on 26-12-2018.
- Mrs. Ramya Metta, Alumni (2009-13 Batch) Assistant Commissioner of Labour, Group-1 Service Recruitment, Ankapalle Region delivered a lecture on "Career opportunities in civil services" on 10.12.2018 for 6<sup>th</sup> & 8<sup>th</sup> Sem Students.

- Mr K K Rao, Dy Head, SR division, ISRO is delivered a guest lecture on 24.12.2018 for the topics "Introduction to the Space and ISRO" & "Launch vehicles controller design" for 4<sup>th</sup>,6<sup>th</sup> & 8<sup>th</sup> Sem Students
- Motivation sessions to 1st year students (A to M Sections) by Dr Gampa Nageswara Rao during on 19th to 21st Dec 2018 at A/c auditorium, GMRIT.
- "Motivation session" by 'Mr. Subhranshu Mohanti - HR Head, Everest Industries Ltd for B.Tech Ist Year students conducted on 29<sup>th</sup> Dec' 18.

## 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).
- Dr.M.Kathirvelu & J.V.Suman has presented a paper titled "Design and Implementation of Low PDP Multiplier using modified XOR/XNOR based full adder", IEEE International conference on Intelligent Computing and Sustainable System (ICICSS 2018) organized by Akshaya College of Engineering and Technology (ACET) on 20,21 September 2018 at Coimbatore, Tamil Nadu, India
- Gladiss Merlin, N, Karthika, K, Cristin, R & Karthick, K 2018, "Survey of Image Forgery Detection Methods – a Passive Approach", Journal of Advanced Research in Dynamical and Control Systems, Institute of Advanced Scientific Research. Vol. 10, No.12, pp. 88-94, 2018 (SJR: 0.114).
- Karthick, K, Premkumar, M, Manikandan, R & Cristin, R 2018, "Survey of Image Processing Based Applications In AM", Review of Computer Engineering Research, Conscientia Beam, Vol. 5, No. 1, pp. 12-19, 2018.
- Mr. R, Cristin Assistant Professor "Survey of Image Processing Based Application in AMR", Journal of Computer Engineering Research, Vol 5, No 1, pp 12-19, Oct 2018. (ISSN 2412-4281)
- Dr.M.Kathirvelu presented a paper titled "Design And Implementation Of Low PDP Multiplier Using Modified XOR / XNOR Based Full Adder" IEEE International conference on intelligent computing and sustainable system, Akshya College of Engg, Coimbatore, September 2018.
- D.Srinivasa Kumar, K.V.S.Prasad and A. Vinod Kumar(BARC Scientist H) "Influence of Education Levels on Women's Fertility: A Study in Kovvada Region, Srikakulam District, Andhra Pradesh", Conference Proceedings of 16<sup>th</sup> Annual Conference, INDIAN ASSOCIATION FOR SOCIAL SCIENCES AND HEALTH (IASSH), Dec 10-12, 2018, pp. 62 held at Jawaharlal Nehru University, Delhi.(Proceedings not published online but

abstract of proceedings available as hard copy with the author Dr. D.Srinivas Kumar)

## Published in Journals

- M.T.S. Lakshmayya, "Effect of Using Metakaolin as Filler in Bituminous Mix", International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), Vol. No. 4, Issue No. 9, pp. 100–104, September-2018. (ISSN Online: 2455-2585)
- Mr.M.T.S. Lakshmayya, "A Review on Different Types of Wastes Used as Fillers in Bituminous Mix", International Journal of Civil Engineering and Technology (IJCIET), Vol. No.9, Issue No. 9, pp. 289–300, September 2018. (ISSN No.: Print: 0976-6308 and ISSN Online: 0976-6316) (Indexed in: Scopus)
- V. Jagan Naveen, K. Murali Krishna, K. Raja Rajeswari, BER Estimation in UFMC System for Wireless Communications, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 12-Special Issue, 2018 pages 294-299 (Scopus)
- Mr. G. Satya Keerthi have published a paper entitle "Distributed Community Detection based on Apache Spark using Multi Label Propagation for Digital Social Networks" International Journal of Engineering & Technology, 7 (4.5) (2018) 79-86
- H.Joga Rao, P.King and Y.Prasanna Kumar, "Equilibrium Isotherm, Kinetic Modeling, and Characterization Studies of Cadmium Adsorption in an Aqueous Solution by Activated Carbon Prepared from Bauhinia Purpurea Leaves", Rasayan Journal of Chemistry, Vol. 11, No. 3, pp. 1376-1392, September 2018. (SCOPUS Indexed)
- S. Aishwariya, "Stratagies And Considerations For Construction Of Immersed Tunnel In India (India Gate-Elephant Caves)-A 12km Immersed Tunnel", International Journal of Research and Analytical Reviews (IJRAR), Volume No.5, Issue No.4, pp.392-398, October 2018. (ISSN No: 2348-1269).
- B. Aravind sai atchyuth, "Stratagies and Considerations for Construction of Immersed Tunnels In India (India Gate-elephant Caves)-a 12km Immersed Tunnel", International Journal of Research and Analytical Reviews(IJRAR) ISSN:2349-5138 Vol. 5 Issue 4, October – 2018, Pages: 392-398.
- Telagarapu, Prabhakar & S Poonguzhali 2018 "Adaptive Haar Filtering Based Morphological Feature Extraction To Classify The Tumor In Breast Ultrasound Images|" Special Issue of International Journal of Pure and Applied Mathematics, Academic Publications Ltd, ISSN: 13118080 (printed version); ISSN: 13143395 (on-line version), Volume 120, Issue 6 Special Issue, 2018, Pages 10657-10676. [SCOPUS]
- Sai Ambhika. K & Karthick, K 2018, "Smart Grid-The Upcoming Era", International Journal of Engineering Development and Research, IJEDR Publisher, Vol. 6, No. 7, pp. 66-73, 2018
- L. V. Suresh Kumar, U. Salma, "Modular multi-level converter-based DFIG wind power system with MMC-STATCOM", International Journal of Ambient Energy, 31 Aug 2018. (Indexed in: SCOPUS) (ISSN No.: 0143-0750) (Pub: Taylor&Francis) DOI: 10.1080/01430750.2018.1507938.
- Dr. A.Anupama & Mr. G.Satya Keerthi have published a paper entitle "Temporal Community-Based Collaborative Filtering to Relive From Cold-Start and Sparsity Problems" International Journal Intelligent Systems and Applications, 2018,10,53-62
- Vinodbabu Chintada, Ramji Koonna "Influence of SiC Nano Particles on Microhardness and Corrosion Resistance of Electroless Ni-P Coatings" Journal of Bio- and Tribo-Corrosion, Volume-4, Issue-4, December 2018. Scopus Indexed
- P. Geetha, E. Sai Ram, N. Anasuya, P. Sarita, \*published a paper titled "Facile Synthesis of Graphene Based ZnO Nanocomposite ", in Journal of Nanoscience and Technology, J. Nanosci. Tech. - Volume 4 Issue 5 (2018) 508–510, ISSN: 2455-0191,
- Mr.T.Govinda Rao published Indexed journal paper titled "Iot Based Response System For Global Applications Using Raspeberry Pi", International Journal of Engineering Applied Sciences and Technology, 2018 Vol. 3, Issue 5, ISSN No. 2455-2143, Pages 33-37.
- Mr.D.Venkata Ramana Published a paper titled "A Novel Ternary Content Addressable Memory Cell" International Journal of Engineering & Technology (UAE) November 2018, PP 67-70, Vol. No. 7, Issue 24, ISSN No. 2227-524X (Scopus Indexed).
- Dr.TVS Divakar published a paper titled "Application of Generalized Constrained Neural Network with Linear Priors to Design Microstrip Patch Antenna" in lecture notes in Electrical Engineering 521, Springer Nature Singapore Pte Ltd, November 2018 ( Scopus Indexed )
- K.Chiranjeevi Published a paper titled, "IMPLEMENTATION OF HUMON WITH HUMAN INTELLIGENCE", International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 9, September 2018, pp. 882–888.
- D.Suresh Published a paper titled, "Underutilized spectrum detection techniques in cognitive radio: a Survey", Journal of Emerging Technologies and Innovative Research (JETIR), Nov 2018
- Dr.V.Kannan Published a paper titled, "Raspberri PI based Patient health monitoring system using Web of Things Ciencia E Technica Vitivinicola Journal", Vol33, No:11, 2018 SCI Expanded
- Kumar P. Bharani Chandra, and Devendra Potnuru, "A nonlinear load frequency controller for hydropower plants," International Journal of Ambient Energy (Indexed in: SCOPUS), accepted, in press, doi: 10.1080/01430750.2018.1531258.

- P. Ramana, K. Alice Mary and M. Surya Kalavathi "A Novel Parameter Estimation Method for Permanent Magnet Synchronous Motor Drive," International Journal of Power and Energy Conversion (Inderscience), Vol. 9, No.3, pp.295-310, 2018, (Indexed in: SCOPUS) (ISSN No. 1757-1162)
- M.Premkumar, T.R.Sumithira, R.Sowmya, "Investigation and Implementation of Solar PV Based Forward Micro converter", Journal of Electrical Engineering, Vol. 18, No. 3, October 2018. (Index: EI Compendex, IET Inspec, EBSCO), Cosmo Impact Factor: 0.87.
- M. Premkumar, and T.R.Sumithira, "Humpback Whale Assisted Hybrid Maximum Power Point Tracking Algorithm for Partially Shaded Solar Photovoltaic Systems", Journal of Power Electronics (JPE), Vol. 18, Issue No. 6, pp. 1805-1818, November 2018. (ISSN No.: 1598-2092) (Indexed in: SCI-E) (Impact Factor: 1.023)
- N. S. S. Ramakrishna, D. Elangovan, T. S. Kishore, "Techno Economic Based Approach of Reduction of Grid Dependency Using Renewable Energy System for a SMART City of India" Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 06-Special Issue, Pages: 2214-2227, September 2018. (ISSN No.:1943-023X) (Indexed in: Scopus)
- Kumar P Bharani Chandra and Da-Wei Gu, Nonlinear filtering: Methods and applications, Springer International, New York, 2019. <https://www.springer.com/us/book/9783030017965>.
- K. Naga Rajesh, R Srinivas Rao (Dec-2018), "Field Evaluation of Dynamic PCU under Heterogeneous Traffic Conditions", Volume No. 6, Issue XII, pp 35-41, ISSN No. 2321-9653-International Journal for Research in Applied Science & Engineering Technology.
- A.Manikanta, Bimalendu Dash, G.Mohan Sai, "A Review on Carbon Reinforced concrete ", Volume 6, Issue 4, pp 459-462 ISSN: 2321-9939, International Journal of Engineering Development And Research
- Mr.P.Ravi Kumar published paper titled "Design of S-Band Antenna with L-Shaped slits on Rectangular Patch with Defected Ground Structure", International Journal of Measurement Technologies and Instrumentation Engineering, Volume 7, Issue 2, July-December 2018.
- Mr.P.Ravi Kumar published paper titled "Enhancement of gain with corrugated Y-Shaped patch antenna for triple-bank applications", International Journal of WILEY RF and Microwave Computer Aided Engineering, DOI: 10.1002/mmce.21624, November 2018.
- Ramana Pilla and Killari Santukumari, "Design and Simulation of the Control System for Inverter fed Permanent Magnet Synchronous Motor Drive," Indonesian Journal of Electrical Engineering and Computer Science, Vol.No.12, Issue No.3, pp.958-967, December 2018. (Indexed in: SCOPUS)
- M. Premkumar, R. Sowmya and K.Karthik, "A dataset of the study on design parameters for the solar photovoltaic charge controller", Data in Brief (Elsevier), Vol. No. 21, pp. 1954-1962, December 2018. (ISSN No.: 2352-3409) (Indexed in: SCOPUS)
- Karthick, K, Premkumar, M, Manikandan, R & Cristin, R, "Study on Diverse Automatic Identification Techniques" International Journal of Engineering & Technology, Vol. No.7, Issue No. 4, pp. 2895-2898, December 2018. (ISSN No.:2227-524X) (Indexed in: SCOPUS)
- V. Srikanth Babu, M. Ram Babu, T. Suresh Kumar, "Comparative Analysis of Dynamic Voltage Restorer Supported With BESS and Super Capacitor", International Journal of Mechanical Engineering and Technology, Vol. No.9, Issue No.10, pp. 1268-1276, October 2018.(ISSN No.: 0976-6340) (Indexed in: SCOPUS)
- Tummala, Ayyarao SLV, Hemanth KR Alluri, and P. V. Ramanarao, "Optimal Control of DFIG Wind Energy System in Multi-machine Power System using Advanced Differential Evolution." IETE Journal of Research, June, 2018 (Impact Factor: 0.909) (Indexed in: SCIE) (Print ISSN: 0377-2063, Online ISSN: 0974-780X)
- K.Santaroo, C. L. V. R. S. V. Prasad, and G. Swaminaidu. "Parametric optimization of nano powder blended electrical spark machining process on AISI D3 DIE steel employing grey relational analysis." Journal of Materials and Environmental Sciences, Vol. No. 9, Issue No. 10, pp 2854-2862, December 2018. (ISSN.:2028-2508) (Not indexed in Scopus/SCI Journal)
- Ch. Vinod Babu and Ramji Koona "Influence of surfactant on the properties of Ni-P-ZnO composite coating." Materials Research Express, Vol. No.6, Issue No. 3,025030 (ISSN:2053-1591) SCIE.
- M. Gangadhar, "Removal of Lead and Zinc from Wastewater using Plant Biomass: A Comparative Study", International Journal of Mechanical Engineering and Technology, IAEME Publishers, Vol. 9, Issue 11, pp. 1781-1788, November 2018. (Scopus Indexed)
- M.Gangadhar, "Application of Cloud Point Extraction Methodology for the Intensified Removal of Phenol", International Journal of Mechanical Engineering and Technology, IAEME Publishers, Vol. 9, Issue 11, pp. 2167-2180, November 2018. (Scopus Indexed)
- P.Sumati Kumari, Obaid Alqahtani and Erdal Karapinar, published a paper titled "Some Fixed-Point Theorems in b-Dislocated Metric Space and Applications", in International Journal for Research in Symmetry, Vol. No. 10, Issue No. 12, pp 1-24, Month December 2018. (Impact Factor: 1.256) (Indexed in: SCI-Expanded) (ISSN No.: 2073-8994 (online).
- Dr. Sreerama Murthy Velaga, Dr. Sasanko Sekhar Gantayt Assoc. Professor published a "A prototype device to extract text from images, videos and document files to assist visually impaired people", International journal of computational and theoretical nanoscience, Vol. 15, No. 9/10, pp. 2969-2978, September/October 2018 (ISSN

- No.: 1546-1963) (Indexed in: Scopus) (Impact Factor: 1.666)
- Mr. R Cristin, Assistant Professor published a paper on "Survey of Image Forgery Detection Methods-a Passive Approach" Journal of Advanced Research in Dynamical and Control Systems, Vol 10, No 12, PP.88-94, Oct 2018. (ISSN 1943-023X), (Indexed in:Scopus)
  - Mrs. Lakshmi Devi N, Assistant Professor published a paper on "Performance Analysis of Supervised Learning Techniques on Healthcare Prediction", International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 10, pp. 1476-1483, October 2018 (ISSN Print: 0976-6340 and ISSN Online: 0976-6359) (Indexed in : Scopus).
  - Mr. M. Ramachandro Majji, Assistant Professor published a paper on "A Novel Approach to Classification of Gene Expression Datasets Using Computational Intelligence Techniques", International journal of Engineering And Applied Sciences, Vol. 13, No. 23, pp.10068-10079, 2018. (ISSN: 1816-949X).
  - Dr.V. Thirupathy Kesavan, Professor, titled "Consumer Centric Flexible Reactive Power Pricing using Scalable Technologies", ECTI Transactions on Electrical Engineering, Electronics, and Communications, Vol. No.16, Issue No.2, pp 63-71, August 2018. (ISSN No.: 1685-9545) (Indexed in:Scopus).
  - Mr. Aditya Kumar Sahu, Assistant Professor published a "A Novel n-Rightmost Bit Replacement Image Steganography Technique", 3D Research, Vol. 10, Issue 1, pp. 1-18. Dec 2018. (ISSN:2092-6731) (Indexed in : Scopus)

## Workshops/Conference Attended

- Dr. Ajit Kumar Rout attended IUCEE – APSSDC workshop on Virtual & Remote lab on 27<sup>th</sup> -28<sup>th</sup> September 2018 at NRI Institute of Technology, Vijayawada
- N. Venkatesh, Dr. M. Srinivasa Rao, A. Lakshumu Naidu, attended "A Review on Emission Characteristics of Diesel engines with Biodiesel blends from Different oils", A two day National Conference on GREEN and SUSTAINABLE ENERGY-Indian Perspective in Global Environment. Sponsored by SERB,DST, held at AITAM Te
- Dr.G.Sasikumar attended Academic Leadership Programme conducted by TLC, Coimbatore Institute of Technology during 26-28, September 2018
- Mr K Lakshmana Rao attended a 15 Day Training Programme at GMR International Airport. Delhi on the real experience on Cyber Security and Data Analytics from 9th November 2018 to 24th November 2018
- Mr Ch Koteswara Rao attended a 5 Day Training Programme at AITAM, Tekkali on Internet of things from 12th Nov 2018 to 17th Nov 2018
- G.Suresh attended four weeks faculty internship from 29-10-2018 to 24-11-2018 at Alykas Innovations pvt Ltd, Vizag.

- GBSR Naidu attended FDP on "Information theory and coding-Applications" organized by EICT Academy at NIT, Warangal from 21<sup>st</sup> to 26<sup>th</sup> November 2018.
- Dr.V.Kannan completed four weeks faculty internship from 05-11-2018 to 30-11-2018 at Vikasha Electronics(Madras) Pvt. Ltd., Chennai.
- Mr.K.Krishna Kishore completed four weeks faculty internship from 05-11-2018 to 30-11-2018 at National Institute Amateur Radio, Hyderabad
- Dr. A.Anupama has attended a training Programme on "Big Data Analytics & Cyber Security" in Indira Gandhi International Air Port, New Delhi, during 09.11.2018 to 24.11.2018
- Dr. P.Kanchanamala has participated in " IEEE CIS Summer School 2018, Computational Intelligence: Theory, Implementation & Applications at Muffakham Jah College of Engineering & Technology, Hyderabad during 22<sup>nd</sup> -27<sup>th</sup> November, 2018
- Dr. G.Satya Keerthi have attended in Training Programmed " The Things Conference India Redefining IoT with LoRaWAN" at Hyderabad International Convention Center (HICC), Kondapur, Hyderabad during 9<sup>th</sup> – 10<sup>th</sup> November, 2018
- Dr.N.V.Lalitha attended four weeks faculty internship from 05-11-2018 to 01-12-2018 at Alykas Innovations pvt Ltd, Vizag.
- Mr. P.Ravi Kumar participated in conference titled" 2018 IEEE Indian conference on Antennas & Propagation(InCAP), held at Hyderabad as participant on December 16-19,2018
- Mr.D.Venkata Rao & Mr.A.Lakshumnaidu attended One week Faculty Development programme "Noise & Vibration control of Structures: Engineering Applications" 26 November to 1<sup>st</sup> December 2018 at JNTUK, Kakinada.
- Dr A V Ramana, Mr K Phani Babu & Mr K Somesh attended a 2 Day Things Conference India 2018 organized by APSSDC on 9th November to 10th November 2018 @ Hitech Convention Centre, Hyderabad.
- Mr K Somesh attended a 20 Day Training Programme at Bennet University, New Delhi on the Research Methodologies as his Course Work from 3rd December 2018 to 23rd December 2018

## Extra Curricular Activities

- On 8<sup>th</sup> OCT 2018, Under STEM CLUB conducted a first technical model exhibition event at 5<sup>th</sup> block drawing hall for 1<sup>st</sup> year students.
- Mr. G. Someswara Rao, 3<sup>rd</sup> CSE, VK Chaitanya, K. Bhargav, 4<sup>th</sup> ECE represented JNTUK in the AP inter university Kho-Kho tournament, conducted by sports Authority of AP during October 20 - 22, 2018
- Ms. Ch. Jananasri (2<sup>nd</sup> ECE), Ms. T. Samyuktha (2<sup>nd</sup> EEE) and Ms. K. Gayatri (2<sup>nd</sup> Civil) got 2<sup>nd</sup> position in Sub-Junior Power Lifting Championship held at Lucknow held during Sep., 24-29, 2018



- Organised JNTUK Power Lifting, Weight Lifting and Best Physique (Men) Inter Collegiate competitions cum selection trails during October 20-21, 2018
- K Madhulatha from III CSE V was selected for Ball Badminton Women for representing JNTU-K, Kakinada University on 20th November 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 Creater, Google.
- Mr. T.Srinivasu (16341A1256) & Mr. Mohan Krishna (16341A1203) attended the APSSDC workshop on Virtual & Remote lab on 27<sup>th</sup> -28<sup>th</sup> September 2018 at NRI Institute of Technology, Vijayawada
- K. Himabindu (16341a0145), N Hari priya(1634A0164) achieved Third position in Paper Presentation on "Modern Civil Engineering Aspects of Lidar" conducted during Technozion-2018 at National Institute of Technology, Warangal during 28th-30th September 2018.
- ACM Student Chapter GMRIT had conducted a one day workshop on Android App Development for IInd & IIIrd Years
- Siva Durga Prasad, Alumni of GMRIT, Present Research Scholar at IIT Madras has given a talk on "Research Opportunities in Chemical Engineering" on 10/12/2018
- Mr P Ravi Kumar attended a 2 Day Things Conference India 2018 organized by APSSDC on 9th November to 10th November 2018 @ Hitech Convention Centre, Hyderabad

## Training and Placement

- Continuation for the 2014 batch - 481 placements as on December - 2018.
- 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
- 2 Day training Programme is scheduled on 18th & 19th September 2018 for 108 Students who are selected for Round 2 @ TCS Ninja & Eligible for Smart Data, On Campus Drive
- Prof. S.V.Naidu, Department of Chemical Engineering, Andhra University, have delivered a talk on the importance of GATE and associated job opportunities to third and final year students on 15-9-2018.
- Mr.A.Srinivasa Rao, Scientist-G/ Associate Director, NSTL, Visakhapatnam addressed the 3<sup>rd</sup>, 5<sup>th</sup> and 7<sup>th</sup> semester students on the job opportunities in NSTL on the eve of Engineer's day during 11<sup>th</sup> September, 2018.
- "Carrier Opportunities in Core Industries " by Mr. Debabrata Das , Chief HR Officer, TS Alloys for B.Tech

IInd ,IIIrd & IVth year students (Mech.) conducted on 3<sup>rd</sup> Oct' 18.

- "Carrier Opportunities in IT Sector " by Mr. Jacob Azhakathu, Associate Vice President, Paramatrix for 3<sup>rd</sup> year students(CSE/IT) conducted on 8<sup>th</sup> Oct' 18.
- "TIPS on Wipro Campus Recruitment " by Mr. Suresh, Wipro for B.Tech IVth year students(All Branches) conducted on 16<sup>th</sup> Oct' 18.
- 2 Day training Programme is scheduled on 06th & 07th August 2018 for 16 Students who are selected for Round 2 @ Musigma On Campus Drive
- 7 Day Training Programme is scheduled from 05th & 15th October 2018 for 60 Students who are eligible for Wipro Technologies, Campus Drive
- 2 Day Intensive Training Programme is scheduled from 15th & 16th November 2018 for 60 Students who are eligible for Wipro Technologies, Campus Drive

