



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 seven specializations.

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

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)

Institute Related

- All the B. Tech 2nd Year students attended the session of "Innovative Students Project" given by Mr. Praveen Dwarakanath, Director, Accendere Knowledge Management Services Pvt Ltd on 7th, 2015 at 2.30 PM to 3.30PM, Auditorium.
- All the B. Tech 5th Semester students are attend the Lecture on "Human Values for Social Life" by Sri. Jada Kondala Rao on 10.09.2015 at 3.00PM in Auditorium GMRIT, Rajam.
- All the B. Tech 7th Semester students are attend a presentation on "GAINS (Grooming and Interview Skills)" by the Career Development Centre on 11.09.2015 at auditorium.
- All the B. Tech 5th Semester (2013 Batch) students are attend the seminar "How to prepare for GATE & IES" by Mr. Devendra Singh Negi, Gold Medalist in M. Tech in IIT Bombay on 22.09.2015 at 9.00AM to 5.00PM, Auditorium.
- All the B. Tech 7th Semester (2012 Batch) students are attended session "World Class Performance – Reflection" with focus on soft skills requirements, personality development, motivating students to achieve excellence in their domain by Mr. Rasheed, M.A., Vice President, HR, Aarvee Associates an Infrastructure Company on 26.09.2015 at 11.00AM to 12.30PM, Auditorium.
- All B. Tech 5th Semester (2013 Batch) students are attended the Guest Lecture titled "Inner Tranquility and Outer Dynamism" by Swami Maitreya on 26.09.2015 at 11.00AM in 4th Block Seminar Hall.
- All the Faculty Members are attended a meeting "Weather Forecasting" by Dr. Pitta GovindaRao department of Science and Technology on 28.09.2015 at 4.00PM in Seminar Hall 4th Block.
- All the B. Tech 7th Semester (2012 Batch) students are attended the session "Tips on Grooming for Campus

Placements" by NOVOTEL, Vizag, Trainers on 28.09.2015 at 2.00PM to 4.00PM in Auditorium.

- Dr. R. BhimaRao, former chief Scientist, CSIR, IIMT, Bhubaneswar delivered a guest lecture on Beach sand minerals: exploration, processing & value addition B. Tech 3rd & 5th semester students of Chemical Engineering on 17-10-15
- Conducted a guest lecture by Dr. N.V.E.S. Murthy, Professor, Dept. of Computer Science and Systems Engineering, Andhra University, Visakhapatnam. on the topic "Fuzzy Logic Techniques and its Applications" to 3rd Semester Students on 31st October, 2015 (Saturday).
- Mr. B. Harish, Asst. Prof, awarded Ph.D on 17th October, 2015.
- "Motivational Talk & Overview of Latest Technologies" by Dr. P. Anjeneyulu, Infosys, Hyderabad on 21.11.2015 conducted by CSE department for 5th sem students.
- Mr. V. Dhilleswar Rao awarded as Best Oral Presentation titled "Removal efficiency of hardness from underground water by using leaves powder of Phyllunthus emblica as adsorbent" in 3rd Annual International Conference & Industry-CCRS Congress (ICC) 2015 jointly organized at Dr.B.R.Ambedkar University and Coastal Chemical Research Society during 16th & 17th December 2015.
- Conducted a guest lecture by Dr. SUNIL KUMAR DHAL, Associate Professor Dept. of Computer Science and Engineering, Sri Sri University - , Cuttack, Odisha on the topic "Enterprise Resource Planning Implementation success and failure in Corporate World" to 6th Semester Students on 28th December , 2015 (Monday).

ACHIEVEMENTS

- Ranked 60 among the top 100 T school in the country by Dataquest May 2015.
- Graded AAA+ by Careers 360 magazine - May 2015.
- GMRIT ranked 26th among Top Engineering colleges of Excellence in the country and ranked 4th among the top 15 colleges in AP by CSR – July 2015.
- GMRIT Ranked 71 among top 100 colleges in the country by The Week Survey June 2015.
- GMRIT Ranked 64 among top 75 colleges in the country by Outlook June 2014.
- GMRIT is listed as one of the top ten Promising Institutes in AP by Digital Learning Magazine June, 2014.
- Silicon India ranked GMRIT CSE dept. 53rd among top 100 colleges and ranked 52nd for ECE & Mechanical Engineering dept. – June 2013.
- Dr.D.Tejeswararao, submitted project proposal to Early career research grants scheme titled "Synthesis and biological evaluation of Amino Thiazole derivatives" . Cost :Rs.42,26,555/- submitted on 29th Sept 2015.

Published in Journals

- Mr.N.Santosh kumar, Dr.M.V.Subba rao, Mr.P.S.Muralikrishna, published a International Journal paper titled on "Study of Some Physical & Chemical Characteristic Properties of Ground Water in the Villages of Veeraghattam and PalakondaMandals in Srikakulam District, A.P, India" Current world environment, Vol. 10(2), 610-618 (2015).
- Mr. K.Gopisankar has a International Journal of Engineering Research & Technology (IJERT) entitle "Locational Traffic Modelling- A Case Study" ISSN: 2278-0181, IJERTV4IS090562, Vol. 4 Issue 09, September-2015.
- Mr. M.Balajee, Assistant Professor published paper on "NARSKCA: Novel and robust symmetric key cryptography algorithm", International Journal of Scientific World pp. 244-254.
- Mr.K LakshmanaRao, & Mr. M. Balajee, Assistant Professors "A Sturdy Compression based Cryptography Algorithm using Self-Key (ASCCA)", International Journal of Engineering and Technology, ISSN: 0975-4024, Volume 7, issue 4, (Indexed in Google Scholar).
- D.Venkata Ramana published a paper titled "Implementation of DPA Resistant Circuit using Differential Logic Gates for Advanced Security" in International Journal of Trend in Research and Development(IJTRD), Volume 2(4), ISSN 2394-9333.
- J.VenkataSuman published a paper titled "Performance Analysis of Time Frequency Resolution Techniques for Non-Stationary Signals" in Indian Journal of Science and Technology, Vol. 8(23), 71530, September 2015, ISSN : 0974-5645 .
- N.V.Lalitha, G.Suresh published a paper titled "Analysis of Texture Features for Image Processing Applications" in International Journal of Trend in Research and Development, Vol.2(4), August 2015, ISSN 2394-9333.
- P.M.K.Prasad, P.Kalyanchakravarthy published a paper on "Design and Development of Controller Software for MAS Receiver Using Embedded System" International Journal of Innovation in Computer Science and Engineering, Volume 5, Issue 1, July-Dec 2015, PP 48-52, ISSN 2278-0947.
- R. Umamaheswararao, G.Babji and T.Venkateswararao, published a paper on "Preparation and Characterization of Non Asbestos Brake Pads", International Journal of Applied Engineering Research, Volume-10, no-15, pp-35945-35947, Scopus Indexed, Print ISSN 0973-4562 Online ISSN 1087—1090.
- GVSS Sharma, Ravi kumar Dumpala, published a paper on "Teaching of mechanical engineering concepts through three-dimensional geometric modeling ", International Journal of Mechanical Engineering Education, September 2015, Indexed in Scopus, ISSN: 0306-4190 (Print), ISSN:2050-4586 (Online).
- P. GovindaRao, P. SrinivasaRao, A. Gopala Krishna, published a paper on "Evaluating the bending strength of

- the vibratory welded joint using regression technique”, International Journal of Offshore and Polar Engineering (IJOPE), Volume 25, No 3, September 2015, pp 227-230, Indexed in SCI, ISSN: 1053-538.
- CH. Naveen Kumar, K. Prasad Rao, published a paper on “Experimental Investigation on performance and emission characteristics of a DI Diesel engine fuelled with Palm oil Methyl Ester and Methanol as an additive”, International Journal of Engineering Trends and Technology (IJETT), Volume 26, Number 3, August 2015, pg-132, Indexed in Google scholar, E-ISSN: 2231-5381, P-ISSN: 2349-0918.
 - V. Joshua Jaya Prasad, V. Rambabu, published a paper on “Combustion and performance analysis of direct injection, compression ignition engine fuel with preheated neat cotton seed methyl ester”, Biofuels, Taylor & Francis Group, 05 June 2015 (online journal), ISSN : 1759-7269 (Print), 1759-7277 (Online).
 - P. GovindaRao, P. SrinivasaRao, A. Gopala Krishna, published a paper on “Flexural Strength Improvement of Welded Joints Prepared by Vibratory Welding Process”, International Journal of Manufacturing, Materials, and Mechanical Engineering, Volume 5, Issue 4, October-December 2015, pp 1-16, Indexed in SCOPUS.
 - Mr.M.VenkateswaraRao, published a paper on “Optimal Power Flow Studies Using FACTS Devices ” International Journal of Science and Research (IJSR), index Copernicus Value (2013) 6.14 | Impact Factor (2013): 4.438 , Volume 4 Issue 9, September 2015 .
 - Mr.A.AppaRao, published a paper on “Optimal Allocation of DG considering loss minimization and voltage profile using PSO” International Journal of Science and Research (IJSR), index Copernicus Value (2013) 6.14 | Impact Factor (2013): 4.438 , Volume 4 Issue 9, September 2015 .
 - P.Mythili, Bhagya lakshmi Kanchu, KalpanaPolipalli, King Pulipati, published a paper on “Assessment of Effluent Quality for Irrigation: A Case Study of GMRIT Sewage Treatment Plant”, Environmental Science- An Indian Journal, Vol. 12, Issue 2, pp 47-50, 2016.
 - D.Silpa, R.Srikanth, M.Gangadhar, published a paper on “Influence of Sodium hydroxide pulping of Bagasse on Pulp Properties”, Research Journal of Chemical and Environmental Sciences, published by Academy for Environment and Life Sciences, India, Vol 3, Issue 5, pp 17-24, October 2015.
 - Saroj K. Meher, ShishirKumarBehera, Min Choul Kim, Hung-Suck Park, published a paper on “Multiple decision expert systems for performance analysis of a boiler system”, Applied Artificial Intelligence, Vol. 29, pp 1–21, 2015. (IF: 0.671, Taylor & Francis, SCIE Indexed).
 - H. JogaRao, G. Kalyani and P. King, published a paper on “Isolation of Citral from Lemongrass Oil using Steam Distillation: Statistical Optimization by Response Surface Methodology”, International Journal of Chemical Sciences, Vol. 13, Issue 3, pp 1305-1314, 2015. (Scopus Indexed)
 - Mr. R.SrinivasRao has presented paper in Engineering International Journal entitle “Application of Tanner’s Model to estimate capacity & delay for Roundabouts” Vol. 3 Issue 01, Page No: 53-62, Article15.1027/AE 302046071
 - Mrs. K.Jayasri , Assistant Professor published a paper on “A GQM Based Approach towards the Development of Metrics for Software Safety”, Journal of Computer Science, Volume: 11, Issue: 6, Pages: 813-820, September 30, 2015. (Indexed in Scopus) DOI: 10.3844/jcssp.2015.813.820.
 - Mrs. R. Sivaranjani, Associate Professor published a paper on “Captcha as Graphical Password for User Authentication: A New Security Primitive”, International Journal of Computer Trends and Technology (IJCTT), Vol No.28, Issue No.1 pp 33-40, October,2015.
 - P.M.K.Prasad, published a paper on “Performance Analysis of Biorthogonal Wavelets for Edge Feature Extraction of X-ray Images Based on Parameterized Filter Design” International Journal of Applied Engineering Research (Scopus Indexed Journal), ISSN 0973-4562 Volume 10, Number 5(2015) pp. 11979-11993.
 - P.M.K.Prasad, published a paper on “Investigation of various orthogonal wavelets for precise analysis of X-ray images” International Journal of Engineering Research and Applications, ISSN 2248-9622, Vol.5, Issue 2(Part 3), February 2015, pp 24-32.
 - A.Sudhakar, published a paper on “Single Band Frequency Notched Square Monopole UWB Antenna with Extended Stepped Side Inverted U Slot”, International Journal of Microwave and Optical Technology(Scopus Indexed Journal), Vol.10, No.5, September 2015.
 - Mr. M. Vinay Kumar, Asst. Prof, has Published a Paper entitled “A Eleven-Level Grid-Connected Converter Topology for Single-Phase Transformerless PV Systems” in International Journal of Research & Development Organization (IJRD) (Journal of Electrical & Electronics Engineering), ISSN: 4567-7860, Volume 2, Issue 9, pp. 1-6, September, 2015. (Impact Factor : NIL, Google Scholar)
 - Dr. G. Chandra Sekhar, Prof. has Published a Paper entitled “Mitigation of Voltage Sag using Superconductor Fault Current Limiters” in International Journal Indian Journal of Science and Technology (IJST), Vol. 8 (23), 72223, ISSN (Print): 0974-6846, ISSN (Online): 0974-5645, September, 2015 (Impact Factor : 1.4053, Scopus Journal, Copernicus Indexed, DOI: 10.17485/ijst/2015/v8i23/72223)
 - Mr. M. Rambabu, Asst. Prof, has Published a Paper entitled “PQ Control based Grid Connected DG Systems” in International Journal of Engineering Research (IJER), Volume No. 4, Issue No. 10, pp : 523-526, ISSN: 2319-6890 (online), 2347-5013 (print), 1st October, 2015. (Impact Factor 5.49, Inducted with Research Gate, Scribd, Google Scholar)

- Mr. J.S.V. Siva Kumar, Asst. Prof, has Published a Paper entitled "Design and Simulation of DC-DC Converter for Fuel Cell Operated Vehicle with Single Reference Six Pulse Modulation" in International Journal of Engineering Research (IJER), Volume No. 4, Issue No. 10, pp : 534-538, ISSN: 2319-6890 (online), 2347-5013 (print), 1st October, 2015. (Impact Factor 5.49, Indexed with Research Gate, Scribd, Google Scholar)
- Mr. V. SrikanthBabu, Asst. Prof, & Dr. T. Suresh Kumar, Prof. has Published a Paper entitled "Modelling of Static VAR Compensator Employing a Cascaded H-Bridged Multilevel Converter" in International Journal of Applied Engineering Research (IJAER), ISSN: 0973-4562, Volume 10, Number 16 (2015), Page No. 37057-37062, Research India Publications, October 2015.
- Mr. M. Vinay Kumar, Asst. Prof, has Published a Paper entitled "A Novel Single Phase Eleven-Level Grid-Connected Transformerless Converter Topology for PV Systems" in International Journal of Current Research
- G.Venkata Rao and P.Kalpana , published a paper on "Assessment of Ground Water Quality in and around Pydibhimavaram Industrial Area, AP, India", International Journal of Environmental Science and Development (IJESD), Vol. 7, No. 9, 2016 (DOI: 10.18178/ijesd.2016.7.9.866)
- Mr. M. Balajee, Assistant Professor, published a paper on "Light Weight Cryptographic Algorithm to Improve Avalanche Effect For Data Security Using Prime Numbers And Bit Level Operations" in international Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 21 (2015), pp.41977-41983.
- J.V.Suman, published a paper titled, "Design of Low Power Signed Multiplier Based on EMBR Techniques ", International Journal of Hybrid Information Technology Vol.8, No.11 (2015), pp.181-188 .
- Dr. K.V.S. Prasad, published a paper on "Development of Power Sector in Andhra Pradesh (With reference to Performance of APEPDCL)" International Journal of Engineering and Management Volume-5, Issue-6, December-2015 Page Number: 539-544|ISSN (ONLINE): 2250-0758, ISSN (PRINT): 2394-6962
- Mr.M.Satish, published a paper titled "Data Clustering Using Hybridization of Particle Swam Optimization &Teaching Learning Based Optimization Techniques " in the International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.81 (2015)
- Society, Navi Mumbai, India on 11th& 12th September 2015 at VNGIASS, Nagpur, India.
- GBSR Naidu, D.SrinivasaRao&P.M.K.Prasad presented & published a paper titled "Comparative Analysis of OFDM system with reduced PAPR over signal distortion techniques (CCN-009)" in International Conference on Recent trends and recent issues in computer science and engineering(ICRTRICSE-2K15) held in Department of Computer Science and Systems Engineering, AU college of Engineering(A), Visakhapatnam during May 2nd to 3rd, 2015.
- P.M.K.Prasad published a paper titled "Image Sharpness Estimation and Graph Theory Based Medical Image Segmentation" International Conference on Computing Paradigms (ICCP2015) organized by Don Bosco Engineering college, Yelagiri Hills, Tamil Nadu and Integrated Intelligent Research(IIR) Chennai India during 24,-25th July, 2015.
- G.VenkataRao, P.Kalpana, R. SrinivasaRao, "Estimation of Aquifer Properties using Pumping Tests: Case Study of Pydibhimavaram Industrial Area, Srikakulam, India", Proceedings of the International Conference on Architectural and Civil Engineering, pp no. 3039-3043, held at Los Angeles, USA, during 28th -29th Sept', 2015.
- H. JogaRao, G. Kalyani and P. King, "Isolation of Citral from Lemongrass Oil using Steam Distillation: Statistical Optimization by Response Surface Methodology", International Journal of Chemical Sciences, Vol. 13, Issue 3, pp 1305-1314, 2015. (Scopus Indexed).
- DrG.VenkataRao, & Mr. R.SrinivasaRao has presented paper in international Conference entitle "Estimation of Aquifer Properties Using Pumping Tests: Case Study of Pydibhimavaram Industrial Area, Srikakulam, India" in Los Angeles USA Sep 28-29, 2015, 17 (9) Part XVII
- Mrs. K.Jayasri , Assistant Professor, "**Evaluation Software Safety**", International Conference on AIRES-2015, October 15-17, 2015, Andhra University, Visakhapatnam.
- Mrs.A.Anupama, Assistant professor attended to International Conference at Innovations in Computer Science & Information Technology (ICICSIT 2015). Published Paper on "Tracking Evolutions of communities in Dynamic Networks" MGIT, Hyderabad on 28th – 29th August 2015.
- Ms. S. Lalitha Kumari, Asst. Prof, has presented a paper entitled "Security Analysis using SVM based on Composite Criteria" in the Two Day National Conference on Electrical Power & Energy Systems (EPES-2015) under TEQIP-II, S.C.-1.2 held during 8th & 9th May, 2015 at GVP College of Engineering (A), Visakhapatnam.

PUBLICATIONS-CONFERENCE PROCEEDINGS

Dr.K.Syamala, presented a research paper titled "A Poetic tribute to Gandhi: Reflections of Pre independence Indian Women poets in comparative perspective" in International Conference on Comparative Literature & culture organized by Higher Education & research

- Mr. I. Ravi Kiran, Asst. Prof, has presented a paper entitled "A Single-Phase to Three-Phase Conversion System using DSVPMW Control Technique" in the Two Day National Conference on Electrical Power & Energy Systems (EPES-2015) under TEQIP-II, S.C.-1.2 held during 8th & 9th May, 2015 at GVP College of Engineering (A), Visakhapatnam.
- Mr. R. Ramakrishna, Asst. Prof, has participated & presented a paper entitled "Comparison of Performance of 3 ϕ Modulation Motor with SPWM & SVPWM Techniques using MATLAB / Simulink" in the Two Day National Conference on Electrical Power & Energy Systems (EPES-2015) under TEQIP-II, S.C.-1.2 held during 8th & 9th May, 2015 at GVP College of Engineering (A), Visakhapatnam.
- Mr. P. Praveen Kumar, Asst. Prof, has participated & presented a paper entitled "A 3 ϕ Multilevel D-STATCOM Inverter using MMC Topology" in the Two Day National Conference on Electrical Power & Energy Systems (EPES-2015) under TEQIP-II, S.C.-1.2 held during 8th & 9th May, 2015 at GVP College of Engineering (A), Visakhapatnam.
- Mr. T. SatyaNarayana, Asst. Prof, has participated & presented a paper entitled "Power Quality Improvement of Distribution System due to unbalance and Non-Linear Load" in the Two Day National Conference on Electrical Power & Energy Systems (EPES-2015) under TEQIP-II, S.C.-1.2 held during 8th & 9th May, 2015 at GVP College of Engineering (A), Visakhapatnam.
- Mr. Venkataramana.A, Associate Professor "Cross Layer Design Approach to Enhance the Quality of Service in Mobile Ad Hoc Networks", Wireless Personal Communications, volume-82, DOI 10.1007/s11277-015-2609-6, published online May-2015, Springer Science + Business Media New York 2015. Indexed in Scopus, Science Citation Index Expanded, and 2014 IF: 0.653.
- Dr.CLVRSV Prasad Chilamakurti, Naga LaxmiPavaniPuvvada, Dr.RamjiKoonaa and Dr. VenkataRamanaSwarna "Experimental investigations to evaluate the performance of alternate striped coated carbide inserts in turning of AISI 1040 steel", Proceedings of the ASME 2015 International Manufacturing Science and Engineering Conference (MSEC2015), ASME, pp 1-10, 8-12 June 2015.
- Mr. K.S.B.Prasad and Dr.G.VenkataRao has Procceedings of International Conference on Advance in Engineering Research (ICAER2015), Vijayawada entitle "Travel Time Predictional Measures for increasing Traffic Volume Between Developing Rural Areas – A case study" at 19-07-2015
- Mr.Ajitkumar Rout, Associate Professor presented a Paper title "A Low Complexity Evolutionary Computationally Efficient Recurrent Functional Link Neural Network for Time Series Forecasting" in the IEEE Power, Communication and Information Technology Conference (PCITC-2015) held at Siksha 'O' Anusandhan University, Bhubanewswara, India during 15-17th October, 2015.
- Mr.V.Dhilleswararao presented a paper titled "Removal efficiency of hardness from underground water by using leaves powder of Phyllunthus emblica as adsorbent" in 3rd Annual International Conference & Industry-CCRS Congress (ICC) 2015 jointly organized at Dr.B.R.Ambedkar University and Coastal Chemical Research Society during 16th & 17th December 2015.
- K.K.Kumar, M.Sudhakar and M.K.Prasad, "o 26 B – Design of PVA-SA-nZnO-Jania Rubens (red algae), A Hybrid Nano Bio-matrix for Removal of Lead: Characterization, Kinetic and Thermodynamic Studies", Proceedings of 1st International Caparica Conference on Pollutant Toxic Ions and Molecules (PTIM2015), Caparica, Portugal during 2nd to 4th November, 2015.
- M.Gangadhar, P.Kalpna, V. Nageswara Rao and P.Satya Sagar, presented paper on "Experimental Study on Process Intensification of Mass Transfer Coefficients with Coaxially Placed and Perpendicularly Rotated Turbulence Promoters in Vertically Conduits", in 68th Annual Session of Indian Institute of Chemical Engineers, CHEMCON2015, Organized jointly by Indian Institute of Chemical Engineers and IIT Guwahati, during 27th to 30th December, 2015. (Paper ID: PI-014)
- M.Gangadhar, B.Niranjana Rao, R.Srikanth and V.Nageswara Rao, presented paper on "Process Development Studies and Evaluation of Rice Bran Methyl Ester", in 68th Annual Session of Indian Institute of Chemical Engineers, CHEMCON2015, Organized jointly by Indian Institute of Chemical Engineers and IIT Guwahati, during 27th to 30th December, 2015. (Paper ID: BI-031)
- D.Silpa, M.Gangadhar and R.Srikanth, "Retrofitting a Traditional Sugar Mill into an Integrated Sugar Mill", presented in 68th Annual Session of Indian Institute of Chemical Engineers, CHEMCON2015, Organized jointly by Indian Institute of Chemical Engineers(IICHE) and IIT Guwahati, during 27th to 30th December, 2015. (Paper ID:SD-018)
- T.Ravi, M.Gangadhar and V.Srinivasa Rao, presented paper on "Process Optimization Studies on Zinc Adsorption onto Molecular Sieves using Response Surface Methodology", in 68th Annual Session of Indian Institute of Chemical Engineers, CHEMCON2015, Organized jointly by Indian Institute of Chemical Engineers(IICHE) and IIT Guwahati, during 27th to 30th December, 2015. (Paper ID: WW-083)

- A.Vinati and S.K.Behera, presented paper on "Red Mud as Low Cost Alternative Solution for Fluoride Removal from Ground Water in Permeable Reactive Barriers: Laboratory Studies", Proceedings of 68th Annual Session of Indian Institute of Chemical Engineers, CHEMCON2015, Organized jointly by Indian Institute of Chemical Engineers(IICHE) and IIT Guwahati, during 27th to 30th December, 2015. (Paper ID: WW-065)
- D. K. Bebartha, Associate Professor presented paper on "A Low Complexity FLANN Architecture for Forecasting Stock Time Series Data Training with Meta-Heuristic Firefly Algorithm", in International Conference on Computational Intelligence in Data Mining, Publisher: Springer India.
- J.V.Suman, presented a paper titled, "Design of Optimized MAC using EMBR techniques for low power applications", International Conference on Computational Intelligence in Data Mining (ICCIDM-2015) Roland Institute of Tech, Berhampur, odisha, pp.41.
- D.V.Ramana, presented a paper titled, "Designing of DPA Resistant Circuit Using Secure Differential Logic Gates", International Conference on Computational Intelligence in Data Mining (ICCIDM-2015), Roland Institute of Technology, Berhampur, odisha, pp.447.
- N.V.Lalitha, presented a paper titled, "An Efficient Audio Water Marking based on SVD and Cartesian-Polar transformation with Synchornization", in International Conference on Micro Electronics Electro Magnetics and Telecommunications(ICMEET-2015) held on 18th & 19th December 2015.
- T.Geethamma, presented a paper titled, "Robust Hybrid Video Water Marking Using SVD and DTCWT", in International Conference on Micro Electronics Electro Magnetics and Telecommunications(ICMEET-2015) held on 18th & 19th December 2015.
- D.Arun Kumar & P.Devi Pradeep, presented a paper titled, "A Review on Cryptographic Tools & Algorithms", in National Conference on "E-Solutions for Sustainable Development (NCESSD-2015)" organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
- P.Devi Pradeep & J.V.Suman, presented a paper titled, "Design High Frequency of Synthesizer and voltage control oscillator", in National Conference on "E-Solutions for Sustainable Development (NCESSD-2015)" organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
- GBSR Naidu, D.Srinivasa Rao & PMK Prasad, presented a paper titled, "Performance of Analysis of OFDM system under in different UWB channel condition", in National Conference on E-Solutions for Sustainable Development (NCESSD-2015)" organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
- GBSR Naidu, presented a paper titled, "BER estimation of OFDM system over fading channels", in International Conference on Micro Electronics Electro Magnetics and Telecommunications (ICMEET-2015) held on 18th & 19th December 2015.
- D.Srinivasa Rao, B.Anil Kumar & GBSR Naidu, presented a paper titled, "Disaster Resilient Emergency communication architecture using Solar-powered base stations" in National conference on E-Solutions for Sustainable Development (NCESSD-2015)" organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
- K.Krishna Kishore, Dr.V.Jagan Naveen & SSD Kameswari, presented a paper titled, "PAPR Reduction in OFDM system by using Hadmard transform" in National conference on E-Solutions for Sustainable Development (NCESSD-2015)" organized by School of Engineering, Department of ECE, Dayananda Sagar University, Bengaluru on 17th December 2015.
- Suresh Kumar L. V. presented a paper on "A Comparative Analysis of Circulating Current Controllers for Modular Multilevel Converters" 12th IEEE india international conference electronics,energy,environment,communication,computer,control,(E3-C3)17-20 December 2015,jamia islamia,new delhi,india
- Mr. M.Ramachandra, Assistant Professor Attended International conference on ICCISC-2015 on 19/12/2015 & 20th /12/2015 Organized by IBCB at Visakhapatnam.
- Mrs.M.Jyothi, Assistant Professor presented a Paper title "Study of Cryptographic Techniques for Privacy preserving Data mining" in National conference on "Recent Trends in Data Mining and Ware Housing Sponsored by DST, Govt of India, held on 24-25th November 2015. At AITAM, Tekkali.

WORKSHOPS ATTENDED

- S.N. Dash & P. Kalpana, attended on "Industrial Ecology and Strategic Sustainable Development", in National Seminar on Technological Advancement in Chemical Engineering and Mineral Processing, organized by the Institute of Engineers India, Odisha State Centre on 12 - 13th September, 2015.
- GBSR Naidu attended a Two Day National Level Workshop on "Cognitive Radio Technologies" on 25th and 26th September, 2015 organized by the Dept. of Electronics and Communication Engineering, GayatriVidyaParishad college of Engineering for Women, Visakhapatnam.

- Mr. P. Ramana, Assoc. Prof, Mr. M. Rambabu, Asst. Prof, & Mr. P. Upendra Kumar, Asst. Prof. have attend a Three day National workshop on "Advances in Electrical Engineering (AEE-2015" organized by Dept. of Electrical & Electronics Engineering and Dept. of Humanities & Basic Sciences at Sri Sivani College of Engineering (W6), Chilakapalem, during 26th – 28th September, 2015.
- Mr. N. Santosh Kumar, Asst.Prof. in Chemistry from BS&H dept. attended workshop on "Office 365" at Hyderabad during 5th&6th December 2015.
- Dr.D.Krishna Rao, Dr. K.Gourunaidu, Dr.R.L.Naidu and Dr.K.Koteswararao attended in a Two day National Workshop on "Patent and copy rights for Maximizing research impact (PCMRI-2015) organized by GMRIT from 26th to 27th Dec,2015.
- Dr.K.Koteswararao,Dr.K.Gourunaidu, Dr.D.Tejeswararao, Mr.B.Nagamani Naidu, Mr.Ch.V.Kameswararao and V.Dhilleswararao attended an "3rd Annual International Conference & Industry-CCRS Congress (ICC) 2015 jointly organized at Dr.B.R.Ambedkar University and Coastal Chemical Research Society during 16th & 17th December 2015.
- T. Govinda Rao attended a workshop on "Advances in Image Processing and Visualization Techniques" organized by the Department of ECE, Sri Sivani College of Engineering, Srikakulam on October 30th to November 1st 2015.
- D.Arun Kumar attended a Three day National workshop on "Analog and Digital Circuit Design Using CADENCE" organized by the Department of ECE, GVP College of Engineering (Autonomous), Visakhapatnam on December 9th to 11th 2015.
- L.V. Suresh Kumar "PSO Based Tuning of a Integral and Proportional Integral controller for a Closed Loop Stand Alone Multi Wind Energy System" Computational Intelligence in Data Mining, RIT Berhampur, 5th & 6th December,2015

CO-CURRICULAR ACTIVITIES

Dept. of Civil Engineering

Professional Society Activities:

- Technical Quiz -22.09.2015
- Debate – 03.11.2015
- Talk on a Gadget – 19.12.2015
- Dumb charades – 19.12.2015
- Talk on a Gadget – 26.12.2015
- Dumb charades – 26.12.2015

Literary Activities:

- Logical Reasoning – 22.09.2015
- Missing Letters – 28.09.2015
- Word Power – 30.09.2015
- Word Power – 29.09.2015
- Missing Letters – 29.09.2015
- Essay Writing – 03.10.2015
- J2M – 08.10.2015
- Scramble Sentences – 26.10.15
- Anagram – 26.12.2015

Dept. of Chemical Engineering

Professional Society Activities:

- LOGO Quiz – 29.09.2015
- Rapid Fire – 26.09.2015
- Engineers day Celebrations -15.09.2015
- Photo quiz- 04.09.2015
- Presented a research paper by H. Joga Rao – 19.11.2015
- Work shop on ASPENPLUS by C.Pradeep – 10.12.2015 & 11.12.2015
- Addressed students by B. Sai Ram, Vice President, EROW, Techmahindra, Bangalore – 15.12.2015
- Talk on a Gadget – 19.12.2015
- Dumb charades – 19.12.2015
- Talk on a Gadget – 26.12.2015
- Dumb charades – 26.12.2015
- Talk on Challenges in Chemical Process Industries by M. Srinu, Production Engineer, Deccan Chemicals – 29.12.2015
- Talk on Challenges in Chemical & Petrochemical industries by A. Prasad, Engineer E2 , ONGC, Kakinada – 20.12.2015

Literary Activities:

- 'Do You Know' – 04.09.2015
- Beg, Borrow, Steal – 28.10.2015

Dept. of Computer Science & Engineering

Professional Society Activities:

- Workshop on "ANIM8OR" – 21st & 22nd Sep, 2015
- Workshop On "WEB DESIGNING" – 23.09.2015
- BIT-E CODE – 28.10.2015
- MIND's PARK -09.11.2015
- IT'S ALL IN THE DETAILS – 21.11.2015
- C Programming Contest – 07.11.2015
- Faculty Seminar – 24.12.2015
- Workshop – "New Design for New Year" - 26.12.2015

Literary Activities:

- Mock Press -07.09.2015

- Group Discussion -11.09.2015
- Code Breakers -19.09.2015

Dept. of Electronics & Communication Engineering

Literary Activities:

- Elocution – 11.09.2015, 01.10.2015
- Presentation Oral and PPT on Make in India -01.10.2015
- Group Discussion – 09.10.2015

Dept. of Electrical & Electronics Engineering

Professional Society Activities:

- Open Book – 24.09.2015
- Creative Art – 28.09.2015
- Passionate In-CLICK – 28.09.2015
- Pakado pakadoo – 07.10.2015
- E- MERGE STORY – 31.10.2015
- TRACE THE PAST -07.11.2015

Literary Activities:

- Fun With Words – 08.10.2015
- Twist Your Tongue – 28.10.2015
- Just 2 Minutes – 29.10.2015
- MOCK GATE EXAMS CONDUCTED – 15.12.2015

Papers presented by students:

- BankuruSraavanthi (III-EEE-A), Maddineni Sri Vakula (III-EEE-A), have participated and presented a paper entitled "Brushless DC Motor BLDC Motor using Fuzzy Logic Control Scheme" in ATMOS'15 the National Techno-Management festival of BITS Pilani at Hyderabad Campus during 8th – 11th October, 2015
- Pudi Jhansi (III-EE-B), TadiMounika (III-EEE-B), SravyaPulakhandam (III-EEE-B), have participated and presented a paper entitled "Brushless DC Motor BLDC Motor using Fuzzy Logic Control Scheme" in ATMOS'15 the National Techno-Management festival of BITS Pilani at Hyderabad Campus on 8th – 11th October, 2015
- NallabarikiPradeep (III-EE-B), KandulaPrasanth (III-EEE-B), Setti Suresh (III-EEE-B), have participated and presented a paper entitled "Survey of Microgrid Technology" in ATMOS'15 the National Techno-Management festival of BITS Pilani at Hyderabad Campus on 8th – 11th October, 2015
- PaidiRaghuram (III-EEE-B), Penigonda BalaRaju (III-EEE-B), Karaka Shiva Teja (III-EEE-B), have participated and presented a paper entitled "An Self-Governing Firefighting Robot" in ATMOS'15 the National Techno-

Management festival of BITS Pilani at Hyderabad Campus on 8th – 11th October, 2015

Department of Information Technology

Professional Society Activities:

- Brain Charge -07.09.2015
- I-nerve – 11.09.2015
- Technospect -10.09.2015
- Technovanza -03.10.2015
- MAXSPEED – 08.10.2015
- Debugging Competition – 09.10.2015
- CODE VITA -09.11.2015
- C Programming Contest -12.11.2015
- "Motivational Talk & Overview of Latest Technologies" By Dr. P. Anjeneyulu, Infosys, Hyderabad – 21.11.2015
- Talk on Gadget – 28.12.2015
- Tech Xtreme -24.09.2015

Literary Activities:

- Puzzle Test -28.08.2015
- Just A Minute – 28.08.2015
- Two Minutes Talk -10.09.2015
- Leadership Qualities – 19.09.2015
- Story Writing -09.10.2015
- Paragraph Writing -06.10.2015
- J2M Round 1 Round 2 Round 3 – 09.11.2015

Department of Mechanical Engineering

Professional Society Activities:

- KNIT AND CABOODLE – 20.09.2015
- Tech fun -01.10.2015
- Memory building -03.10.2015
- ILLUCINATE -06.10.2015
- Talk on a Gadget – 19.12.2015
- Talk on a Gadget – 26.12.2015
- Dumb charades – 26.12.2015

Literary Activities:

- Group Discussion – 05.09.2015
- J2M -1 -06.11.2015
- Anagram – 26.12.2015

Papers presented by students:

- Mr. KK Chaitanya, K Raghuvveer, G Abhishek, K Prasanth, G Sureshkumar, S Suresh, participated & presented their papers in Mechano MMXY conducted on 17th & 18th December, 2015.

Department of Power Engineering

Professional Society Activities:

- Spot Advertisement – 29.09.2015
- Test Your Basic Engineering Concepts – 15.09.2015
- Group Discussion (Brain Drain) – 01.10.2015
- Spell Mania -05.10.2015
- A guest lecture on "The Power of One" by Shri. Soumya Kanta Mishra, AGM-HR, GMRVF for 8th & 6th Semester students on 18th December, 2015.

Literary Activities:

- English Vocabulary – 28.10.2015
- Essay Writing Competition (Non-Violence-Most Powerful weapon) – 03.10.2015

Papers presented by students:

- 9 students from 6th semester presented their papers in "MECHANO MMXV" at UCEV JNTU, Vizianagaram dated 17/12/15 to 18/12/15
- 8th Semester student Mr. M.S.Giridev has participated in JNTUK Inter Collegiate Best Physique Championship on 21st & 22nd December 2015 and secured first in 55kgs body weight category.
- 4th Semester student Mr. M.Sai Kiran has participated in JNTUK Inter Collegiate Best Physique Championship on 21st & 22nd December 2015 and secured second in 55kgs body weight category.
- 4th Semester student Mr. M.Sai Kiran has participated in JNTUK Inter Collegiate Power Lifting Championship on 21st & 22nd December 2015 and secured second in 53kgs body weight category.
- 5th Semester students has visited 220kv/132kv/33kv Garividi substation on 9th September 2015.

Extra Curricular Activities

CLUB ACTIVITIES

Cultural Club:

- Utti Braking Competition (Group Event for all Branches Boys & Girls) – 05.09.2015

Robotic Club:

- Test your Programming Skills – 24.09.2015

Technical Hobby Club:

- PRIMER EVENTO – 26.09.2015

Music club:

- CRESCENDO-2K15 – 08.10.2015

Dance Club:

- Aata Juniors – 12.11.2015

Mathematics Club:

- Maths-Whizz on National Mathematics Day celebrations (22-12-2015)
- Round-I (16th Dec,2015)
- Round-II (19th Dec,2015)in V th Block CC lab.

GAMYAM ACTIVITIES:

- Awareness on Traffic Rules in Govt. High School, Lingalavalasa – 09.09.2015
- Awareness on Traffic Rules in Govt. High School, Boddam – 10.09.2015
- Awareness on Traffic Rules in Govt. High School, Aaguru – 11.09.2015
- Everness Program for Importance of Education at Guravem Village – 04.10.2015
- Conducted Sience classes for SSC Students at Z.P.HIGH SCHOOL ,Dosari – 11.12.2015
- Awareness on Traffic Rules in Govt. High School, Rajam – 30.12.2015

NSS ACTIVITIES:

- Swachh Bharat -Cleaned the Sub-Register Office and Sub Treasury Office Premises, (Dolapeta) Rajam – 13.09.2015
- Swachh Bharat -Cleaned the Madhava Bazar via Vegetable Market Premises, Rajam – 27.09.2015
- NSS Day Celebrations – 24.09.2015
- Organized a mega awareness rally from GMRIT to Palakonda Junction in connection with One year completion of Swachh Bharat Abhiyan. (Swachh Bharat – at APSRTC Complex and Plantation at Govt. Hospital, Rajam) -02.10.2015
- Organized 2k run from GMRIT to Dolapeta Junction in connection with National Unity Day (Rashtriya Ekta Diwas) – 03.10.2015
- Organized a mega awareness rally for AIDS from GMRIT to Palakonda Junction – 01.12.2015

SPORT & GAMES ACTIVITIES:

Various activities organized to explore the talents of Students in sports and games are dated below:

- Flood Lights Football Match – 05.09.2015
- Flood Lights Football Match – 19.09.2015
- Flood Lights Basketball Match – 19.09.2015
- Block Wise IInd Year Cricket Matches(Hostels) – 20.09.2015 to 29.09.2015
- Cricket league (year wise) – 08.10.2015 to 10.10.2015
- First year cricket match (Branch wise) – 24.07.2015 to 25.07.2015
- First year cricket match (section wise) – 09.10.2015 to 16.10.2015
- Football flood light matches – 07.10.2015
- First year Table Tennis matches -12.10.2015
- Football flood light matches – 15.10.2015
- First year Girls Badminton Friendly matches match – 07.10.2015
- First year Girls Caroms Friendly matches match – 05.10.2015
- Football Floodlights Matches -04.11.2015
- GMRIT Badminton League -10.10.2015 to 02.11.2015
- First Cricket Premier League -22.10.2015 to 02.11.2015
- Friendly Cricket Matches GMRIT Vs GCSR College - 21.11.2015
- Football Floodlights Matches – 10.11.2015
- Throw ball Ist Year Friendly Matches – 03.11.2015
- Throw ball Ist Year & IInd Year Friendly Matches – 14.11.2015
- Badminton Ist Year & IInd Year Friendly Matches – 20.11.2015
- Ist Years Winter Cricket Know out Matches – 22.11.2015 to 01.12.2015
- Flood lights Football Matches – 19.12.2015
- Flood lights Football Matches 26.12.2015
- ❖ Wipro
- ❖ HCL Technologies
- ❖ Mahindta Satyam
- ❖ iGatePatni
- ❖ BSPCL
- ❖ Persistent Systems
- ❖ L&T
- ❖ Honeywell
- ❖ GMR Power –NPTI
- ❖ Jayashree Chemicals
- ❖ AMDOCS
- 56Hrs of Campus Recruitment Training for Final year students of 2013 batch.
- I Yr – 2Hrs of workshop training on how to plan to become a successful engineer.
- II Yr- 4Hrs of training on team work, time management.
- III Yr- 6Hrs of training on soft skills by JNTU in association with global arena.

NEW RECRUITMENTS

- Dr. R. Subramanyam, Professor, Dept. of Civil Engineering
- Mr. T. GnananandaRao, Asst. Prof. Dept. of Civil Engg.

CAREER DEVELOPMENT CENTER

Continuation for the 2012 batch - 307 and 2013 batch – 216 placements as on August – 2015.

The following companies visited for recruitments:

- ❖ TCS
- ❖ IBM
- ❖ Infosys
- ❖ Birla Soft