

GMRIT CAMPUS NEWS



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May – August 2016

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 fifteen 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

- Rated AAAA among the best Engineering Colleges in AP by Careers 360 magazine, April, 2016
- Rated 4-Star among the best Engineering Institutes in AP by Career Connect magazine, April, 2016
- GMRIT Ranked 29th in India and 5th in AP among Top private Engineering colleges by CSR- GHRDC, July, 2016.
- GMRIT Ranked 65th in India and 4th in AP among Top 100 Engineering colleges in India by Data Quest, June, 2016.
- GMRIT Ranked 72nd in India and 10th in AP among Top 100 private Engineering colleges by Higher Education Review, June, 2016.
- Ranked 42 out of top 100 private Engineering Colleges Survey – "Education World", May, 2016.

Institute Related

- A Guest Lecture conducted on "Industry Expectations" by Dr. Pattabhiramaiah, Head, Talent Acquisition, PRATIANT, for B. Tech. VII Sem. Students on 14 May 16.
- Shri. C. P. Gurnani, CEO and MD, Tech Mahindra delivered the graduation day address on 18th June, 2016 during Graduation Day Ceremony, along with Prof. V. S. S. Kumar, VC, JNTUK, Kakinada as guest of Honor
- 5 members of faculty attended three day training programme on "Inner Excellence" at Pyramid Spiritual Science Academy, Bangalore during 27-29, June 2016
- Mr.MVS Babu acted as a resource person during 6th to 17th June 2016 for delivering expert lecture in the Two week training program on "Finite Element Method : Research & Industrial Applications (FEMRIA-2016 at Visvesvaraya National Institute of Technology, Nagpur.
- CEA Certified Power plant familiarization and simulator training at GREL & GCEL during May-June 2016 for B.tech 7th Semester Power Engineering students.

- Mr.MVS Babu and G.Kumar attended as a resource person at Audisankara College of Engineering & Technology, Guduru for conducting workshop on "Computer Aided Drafting using Auto CAD" during 24th to 26th June 2016.
- Mr. Navaraj Singh, GMR Edc presented a guest lecture on "Power Plant Familiarization" for Final Year EEE & PE Students in July 2016.
- Dr.R.Srikanth (PI) and Dr.M.Gangadhar (Co-PI) have submitted a project proposal titled, "Membrane Preparation, Application, Design and Optimization of Gas Separation Membrane Modules", to DST under the scheme of Extra Mural Research Funding for an amount of Rs. 45,29,600/- during July 2016. [Ref.: File No.: EMR/2016/001792 (Ver-1)]
- Motivational seminar on "Goal Setting" conducted by Mr.V.V.Sanyasi Rao, for B.Tech 1st Sem 2016 students from 10 AM to 4PM on 23.08.2016.
- Mr.BNM Naidu, SVP has obtained a project from GMRVF with a grant of Rs. 25,000/- titled "A system for proper disposal of waste in Peda Bhimavaram village of Vizianagaram district" on 8th Aug,2016.
- Dr.R.Suryanarayana, Asst prof in mathematics, submitted a project proposal on 4th august 2016 to Funding agency/scheme: NATIONAL BOARD FOR HIGHER MATHEMATICS (Department of Atomic Energy, Mumbai)
- .Dr.K.Koteswararao & Dr.D.Tejeswararao, Chemistry Dept., submitted a project proposal on 8th august 2016 titled "Synthesis of novel Di Hydro Pyridine (DHP) Analogues by using magnetically separable photo-catalysts and their evaluation for biological activity" to Funding agency/scheme: DST-(Department of Science and Technology) Amount:Rs. 25,04,000/-
- FRESHER's Day celebrated for B.Tech 1st sem 2016 batch students, on 24.08.2016,.
- Mr. Abhinay and Ms. Meghna Grace Faculty from Institute of Language Management, Bangalore interaction with 1st B.Tech students on 29.08.2016.
- Dr.G.Babu Rao have submitted a proposal titled, "Batch and Fixed-Bed Column Studies for the Removal of Pharmaceutical and Industrial Waste Water Effluents by Biological Treatment", to DST under the scheme of EMEQ for Rs. 24.69 lakh, during August 2016. [File No : EMEQ/2016/000039]
- Dr.M.Gangadhar has tapped a Research Consultancy worth Rs. 10,000/- from Andhra University in providing technical assistance and guidance to the scholars in the area of 'Process Intensification' during August 2016. (Consultancy amount received in cash; receipt no. 22001244; dt: 06-08-2016)
- Conducted a Guest Lecture on "Awareness programme on Amateur Radio and Antenna Design" by Mr. S.Ram Mohan, VU2MYH, Exec. Vice Chairman & Director, NIAR, Hyderabad, for 3rd sem and 5th sem ECE students from 09-08-2016 to 10-08-2016.
- World Entrepreneurship Day Celebrated on 20.08.2016
- Guest Lecture conducted for Final year students on "Bioreactor landfills – Mitigation strategy for Greenhouse gas emission" by Prof. Milind V. Khire, Professor, Dept.of Civil & Environmental Engineering, University of North Carolina, Charlotte on 06.01.2016
- Guest lecture conducted for all Mechanical 5th semester Students on "Opportunities for Mechanical Engineering students" by Mr.T.J.Reddy, Chief Development Officer, Delhi International Airport (P) Ltd, New Delhi on 18th August 2016.
- All 3rd sem students attended a one day seminar by Squadron Leader Jayasimha, Guinness world record Holder on 29 august 2016.
- 5th sem (EEE and PE) students visited 760 Kv, AC Transmission line which is under construction near ponduru railway gate on 27/08/2016 accompanied by Mr.V.Manoj & Dr.T.S.Kishor

Academic Achievements

Technical Paper Publication in Conferences

- GBSR Naidu, D.Srinivasa rao, presented a paper titled on "Throughput Performance analysis of Physical Layer for Cellular Systems" in Joint International Conference ICAIECES-2016 AND ICPCIT-2016 during 19-21st May, 2016 organized by Department of Electrical and Electronics Engineering SRM University, Kattankulathur, Chennai and also published in AISC Springer. (Scopus)
- GBSR Naidu, D.Srinivasa rao, presented a paper titled "BER Estimation of OFDM System over Frequency Selective Fading Channels" in Joint International Conference ICAIECES-2016 AND ICPCIT-2016 during 19-21st May, 2016 organized by Department of Electrical and Electronics Engineering SRM University, Kattankulathur, Chennai and also published in Journal IJCTA(Scopus)
- Dr. K. Koteswara rao presented and published a paper titled on "Semi sol-gel preparation and luminescence studies of a double perovskite type red phosphor series $\text{NaMBi}_{0.88}\text{Eu}_{0.12}\text{WO}_6$ (M=Mg, Ca, Sr, Ba)" at 2nd International conference on Materials Science & Technology (ICMST-2016) held at St. Thomas College, Pala, Kottayam, Kerala during 5-8th June 2016.
- Mr. B. Nagamani Naidu presented and published a paper titled Sol-gel synthesis and luminescence studies of a double perovskite type red phosphor series $\text{NaMgBi}_{1-x}\text{Eu}_x\text{WO}_6$ (x=0-0.2) at 2nd International conference on Materials Science & Technology (ICMST-2016) held at St. Thomas College, Kottayam, Kerala during 5-8th June 2016.
- Dr. D. Tejeswara Rao presented and published a paper titled on "Metal nano-particles in 'on-water' organic synthesis: One pot nano CuO catalysed synthesis of 2-Amino Thiazole" at 2nd International conference on

Materials Science & Technology (ICMST-2016) held at St. Thomas College, Kottayam, Kerala during 5-8th June 2016.

- Mr. M. Srikanth presented and published a paper titled on "A study of structural, Electrical and magnetic properties of Cu substituted Ni-Zn Ferrites" at International conference on Nano Science and Nano technology for Energy applications (EApp-2016) held at Sathyabama University, Chennai during 27-29th June 2016.
- Mr. D. Govinda presented and published a paper titled on "Synthesis & Characterization of ZnO Nano powder for Spintronic Applications" at International conference on Nano Science and Nano technology for Energy applications (EApp-2016) held at Sathyabama University, Chennai during 27-29th June 2016.
- Dr. G. Thirumala Rao presented and published a paper titled on "Synthesis of Co²⁺ doped ZnO- CdS composite nanopowder as an advanced photo catalytic material" at International conference on Nano Science and Nano technology for Energy applications (EApp-2016) held at Sathyabama University, during 27-29th June 2016.
- Dr. K. Gourunaidu, K. Sudha Rani, K. Ashok Kumar, K.V. Ramesh published paper on "Removal of Phosphate Ions from Water by Using Paper Pulp as an Adsorbent" in International Journal in Pollution Research, ISSN 0257 – 8050 in June 2016.



Published in Journals

- V.Srinivasa Rao, Ch.V.Ramachandra Murthy, G.Kalyani and H.Joga Rao, published paper on "Process Optimization Studies on Copper Adsorption onto 5A Molecular Sieves using Response Surface Methodology", in Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 7, Issue 4, 2016. (ISSN: 0975-8585)
- K.Jyothi, M.Krishna Prasad and G.M.Narasimha Rao, published paper on "Algae in Fresh Water Ecosystem", in Phykos, Vol. 46, Issue 1, pp. 25-31, 2016.
- H. Joga Rao, Y. Prasanna Kumar and P. King, published paper on "Experimental Investigation On Adsorption Of Lead From Aqueous Solution Using Activated Carbon

From The Waste Rubber Tire: optimization Of Process Parameters Using Central Composite Design ", in Rasayan Journal of Chemistry and Chemical engineering, Vol. 9, Issue 2, pp 254-277, April-June-2016.

- Mrs. N. Lakshmi Devi, Assistant Professor, "Performance Analysis of Image Edge Detection using Hybrid, Sobel and Log Sobel Methods", International journal of current Trends in Engineering & Research (IJCTER), vol. No. 2, Issue No. 4, pp. 684-691, April 2016. (Impact Factor: 3.468) (Indexed in: NA) (ISSN No.:2455-1392)
- Mrs. N. Lakshmi Devi, Assistant Professor, published paper on "Performance analysis of Wireless Sensor Network using Zigbee Pro for Remote patient monitoring Application", in Journal of Network communications and Emerging Technologies (JNCET), Vol. No. 6, Issue No. 3, pp. 67-72, March 2016.
- Mrs. S.Vani Kumari, Assistant Professor, published paper on "Mammogram Classification Using Multilayer Perceptron and Support Vector Machine", International Journal of Computational Science, Mathematics and Engineering (IJCSME) Volume-3-Issue-1-January-2016,. (ISSN No.: 2349-8439) .
- Ms. G. Neelima, & Mrs.M.Vijayabharathi, Assistant Professors, published paper on "Personalizing Web Directories through Web Usage Mining", in International Journal of Advanced Engineering and Global Technology" (IJAEGT), Published in Volume -03, Issue 10, November 2015. (ISSN No: 2309-4893).
- Mrs. Srilakshmi Inuganti, Assistant Professor, published paper on "Preprocessing of HP Data Set Telugu Strokes in Online Handwritten Telugu Character Recognition", in International Journal of Control Theory and Applications (IJCTA), Vol. 8 No. 5, pp. 1939-1945, October 2015.
- Mr.M.Ramachandra, Assistant Professor published paper on "Comparing Clustering Techniques for Gene Expression Data Analysis", in International Journal of Applied Engineering Research (IJAER), Vol. 10 No. 11, pp 10397-10399, August 2015.
- Mrs. S.Vani Kumari, Assistant Professor published paper on "Symmetric Diffusion-Double Substitution Based Image Encryption", in International Journal of Advanced Research in Computer Science and Software Engineering Volume 5, Issue 8, August 2015
- Mrs. S.Vani Kumari, Assistant Professor, published paper on "Breast Cancer Detection using Local Binary Patterns", in International Journal of Computer Applications (0975 – 8887)Volume 123 – No.16, August 2015.
- Dr. Sreerama Murthy Velaga, Associate Professor, published paper on "Text Detection on Scene Images Using MSER", International Journal of Research in Computer and Communication Technology, IJRCCT, Vol. 4, Issue No.7, pp. 452-456, July 2015
- Dr. D K Bebartha, Associate Professor, published paper on "A Typical Framework for Forecasting and Trading Time Series Data Using Functional Link Artificial Neural

- Network" in International Journal of Engineering and Technology (IJET), Vol. 8 No. 2, pp 1238-1244, May 2016.
- Dr. S. S. Gantayat, Associate Professor, published paper on "Retrieving the Missing Information from Information Systems Using Rough Set, Covering Based Rough Set and Soft Set", in International Journal of Computer Science and Information Technologies (IJCSIT), Vol.8, No.3, pp.1403-1407, June 2016.
 - Mr.P Nagaraju, Assistant Professor published paper on "A Detailed Study of Security Aspects in Cloud Computing", in International Journal of Emerging Technologies in Engineering Research (IJETER), Vol. 4 No.6, pp 172-176, June 2016.
 - Dr. Ajit Kumar Rout published paper on "Forecasting foreign exchange rates using hybrid functional link RBF neural network and Levenberg-Marquardt learning algorithm" in Intelligent Décisions Technologies (2016) 299-313 299, DOI 10.3233/IDT-160257, ISSN 1872-4
 - Mrs A.Anupama published paper on present " Finding Hubs and Outliers in Temporal Networks" in Indian Journal of Science and Technology, Vol 9(20), DOI:10.17485/ijst/2016/v9i20/78483, May 2016.
 - B.Anilkumar, and Lakshmidevi N, published paper on "Performance analysis of Wireless Sensor Network using Zigbee Pro for Remote patient monitoring application" in International Journal of Network communication and emerging Technologies - 2016 JNCET, Volume 6, Issue 3 ISSN: 2395-5317
 - B Anilkumar, P.V. Muralikrishna, Lakshmidevi N, published paper on "Performance Analysis of Image Edge Detection using Hybrid, Sobel and Log Sobel Methods" in International Journal of Current Trends in Engineering & Research IJCTER ,Volume 2, Issue 4, ISSN: 2455-1392
 - BMS Sreenivasa rao published paper on "Image compression, ECG data Compression and Image Encryption by Binary versions of Discrete Cosine Transform, Haar Transform and Discrete Hartley Transform" In international Journal of Aplied Engineering Research ISSN 0973-4562 Volume 10, Number 17.
 - P.M.K.Prasad, and D.Y.V.Prasad, published paper on "Performance Analysis of orthogonal and Biorthogonal wavelets for Edge detection of X-ray Images" in Procedia Computer Science- Elsevier Journal (Scopus Indexed Journal), Vol. 87(2016), ISSN: 1877-0509, PP.116 – 121,
 - P.M.K.Prasad, and G.B.S.R.Naidu published paper on "Medical Image Edge detection using MRA based Wavelet Transforms", in International Journal of Latest Trends in Engineering and Technology (Thomson Reuters Indexed Journal, Impact factor 0.685), ISSN: 2278-621X, Volume 7, Issue1, May 2016, PP:644-650.
 - D.Srinivasa Rao, and G.B.S.R.Naidu published paper on "SNR Estimation Algorithm for OFDM Systems", in International Journal of Emerging Technologies in Engineering Research (IJETER) Volume 4, Issue 6, June (2016) ISSN: 2454-6410.
 - C L V R S V Prasad, K Santa Rao, and P Govina Rao, published paper on "Thermoelectric power generation by recovering heat energy from the exhaust gases: A green technology approach", in International Journal of Chem Tech Research, Vol. No.9, Issue No.5, pp 577-584, 2016. (Impact Factor: 0.241) (Indexed in: Scopus) (ISSN No.:0974-4290).
 - Mrs Y. Shireesha, B. Venkata Suresh, and P. Govinda Rao, published paper on " Emission Reduction using Catalyst Converter", in International Journal of Chem Tech Research, Vol. No.9, Issue No.3, pp 540-549, 2016. (Impact Factor: 0.241) (Indexed in: Scopus)
 - P. Sai Chaitanya, T.V.S. Siva, and B. Suneela Rani, published paper on "Thermo Electric Power Generation using Heat from Exhaust Gas – A Recent Review", Pak. J. Biotechnology, Vol. 13(special issue), pp-40-44, 2016.
 - P.N.L.Pavani, C.LV.R.S.V.Prasad, and K.Ramji, published paper on "Review on Influence of Nanocoatings on Tool Wear and Suggesting Alternate Methods of Coatings", in Journal of Machining and Forming Technologies, Nova Science publishers, Vol.No.7, Issue No.3-4, pp.1-10,2016.(Indexed in Scopus) (ISSN No.:1947- 4369).
 - Mr.M.Eswararao, published paper on "The Recent Indian Campus Novels reflect Modern Student Habits on campus " in International journal of Education and Humanities ,Vol.No.1, ISSN: 2278-232X pages : 239-242.
 - Mr.M.Eswararao, published paper on "The Popular Campus Vocabulary and Language: A Focus on Contemporary Indian Campus Novels" in international Journal of English Vol.No.7, Issue: 03, ISSN: 0976-8165 pages : 21-25.
 - M. Srikanth , and P. Easwaraji, published paper on "A study of electrical and magnetic properties of Cu substituted Ni-Zn Ferrites", in Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861.Volume 8, Issue 4 Ver. I (Jul. - Aug. 2016), PP 34-39.
 - Mr.S.P.Sekhararao, published paper on "Critical assessment of future education in India as foreseen by R.K.Narayan in his novel the English Teacher" in International Journal of English Language Literature & Humanities ISSN :2321-7065, Volume.IV, Issue: VII, July 2016.
 - Dr.M.Lakshmi Prasad, published paper on "Effect of Laves phase on the creep rupture properties of P92 steel" in Materials Science & Engineering , Volume.668, Indexed in SCI, Impact factor: 2.6, 21 June 2016, Pages 215-223.
 - B.Anilkumar, and Lakshmidevi N, published paper on "Performance analysis of Wireless Sensor Network using Zigbee Pro for Remote patient monitoring application" in International Journal of Network communication and emerging Technologies - 2016 JNCET ,Volume 6, Issue 3,| ISSN: 2395-5317

- B Anilkumar, P.V. Muralikrishna, and Lakshmidivi N, published paper on "Performance Analysis of Image Edge Detection using Hybrid, Sobel and Log Sobel Methods" in International Journal of Current Trends in Engineering & Research IJCTER, Volume 2, Issue 4, ISSN: 2455-1392.
- R. Pavan kumar and P. Satya Sagar, published paper on "Experimental Study on the Effect of Cement and Sand Replacement with Red Mud and Quarry Dust in Cement Concrete Pavements", in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) (ISSN: 2321-8169), Vol. 4, Issue 6, pp. 636 – 639, June 2016.
- Mr.A.Ganapathi Rao, Asst.Prof of Mathematics published paper on "Characters for the Permutation Group of Degree n using Specht Module and Semi Standard Young Tableaux" in International Journal of Computer Applications (0975 – 8887) Volume 147 – No.1, August 2016.
- M.Anusha and G.Kalyani, published paper on "Carbon Dioxide Capture using Biochar – A Climate Change Perspective", in International Journal of Advance Research in Science and Engineering, Vol. 5, Issue 8, pp. 314 - 323, August 2016.
- M. T. S. Lakshmayya, Assistant Professor published a paper titled on "Effective Utilization of Various Industrial Wastes in Concrete for Rigid Pavement Construction – A Literature Review", in International Journal for Innovative Research in Science & Technology, Volume 3, Issue 03, August 2016, ISSN (online): 2349-6010.
- S S G Prasad, P. V. V. Satyanarayana, published paper on "Improvement of Soft Soil Performance using Stone Columns Improved with Circular Geogrid Discs", in Indian Journal of Science and Technology, Vol. No.9, Issue No.30, pp 1-6, August 2016. (Impact Factor: 0.27) (Indexed in: CAS/ Indian Science.in/ SCOPUS, Elsevier)
- Mr. M. Ramachandra, Asst. Prof. published paper on "Implementation of Classification Rule Discovery on Biological Dataset Using Ant Colony Optimization", in International Journal of Engineering Technology and Management (IJETM), Vol. 3 No. 4, pp 01-12, August 2016. (indexed in: Index Copernicus, DOAJ) (ISSN: 2394-6881)
- P. Devendra, published paper on "Simulation of Sliding Mode Observer for Sensorless Control of BLDC Motor", in International Journal of Electrical & Electronics Engineers, Vol. No.8, Issue No.2, pp 40-50, July-December, 2016. (Impact Factor: 1.6)
- P.Ramana and S.L.V.T.Ayya Rao, published paper on "Tuning of Extended Kalman Filter for Speed Estimation of PMSM Drive using Particle Swarm Optimization", in International Journal of Application or Innovation in Engineering & Management (IJAIEM), Vol.5, Issue 7, pp. 100-107, July 2016. (Impact Factor: 2.379)
- J S V Siva Kumar, published paper on "Design of Hybrid Dc/Dc Step-Up Converter with High Voltage Gain for Fuel Cell Based Electric Vehicle Applications", in International Journal of Electrical and Electronics Engineers, Vol. 8, Issue 2, pp. 138-148, July-December 2016. (Impact Factor: 0.501)
- L V Suresh kumar, published paper on "Power conversion in renewable energy systems: A review advances in wind and PV system", in International Journal of Energy Research, Vol. No.40, Issue No.10, pp 1-83, August 2016.
- L V Suresh kumar, published paper on "Diode clamped based stand alone photo voltaic with POD", in International Journal of energy research, Vol. No.11, Issue No.4, pp 55-62, August 2016.
- M. Srinivasa Rao, and V.N.A. Naikan, published paper on "Review of Simulation Approaches in Reliability and Availability Modeling", in International Journal of performability Engineering, Volume.12, No.4, pp-369-388, July 2016.
- A. Rakesh, and K. Simhadri, published paper on " Experimental Investigation on Performance Characteristics of four stroke single cylinder petrol engine with ethanol blends usin pre-heating", in International Journal of Advanced Technology in engineering and Science, Volume. 4, Issue No.08, PP-194, August 2016. (Impact Factor: 2.870) (Indexed in Index Copernicus) (ISSN No: 2348-7550).
- S.Ravi Babu, published paper on "Experimental Investigation of Natural Convection Heat Transfer Along A Vertical Cylinder Using (Water + Ethylene Glycol) Fluids. International Journal of Engineering Research and Development, Volume 12, Issue 8 (August 2016), PP.61-69

Workshops/Conference Attended

- T.Govinda Rao, Ch. Babji Prasad, D. Sure and GBSR Naidu attended Short Term Course on "cooperative 4G/5G MIMO Wireless Communications" organized by the Dept. of EE, IIT Kanpur during 27th to 29th May 2016.
- Dr.R.L.Naidu attended a Short Term course on "Dynamical Systems: Theory & Applications organized by Department of Applied Mathematics, Indian School of Mines, Dhanbad during on 26th -30th June 2016.
- G.Kalyani attended 3 day training programme on "Inner Excellence Training Progrmme" at Bangalore from 27th to 29th June, 2016.
- Mrs. K. Srividya, Assistant Professor, presented papers on "Behavioral Analysis of Internet Messaging And Malicious Activity Detection" in IEEE International conference on Advances in Human Machine Interaction(HMI 2016) March 3-5, 2016.
- Mr. K. Lakshmana Rao, Assistant Professor, Attended five days workshop on "Hands on web application & Web penetration Security Course" on 30th May, 2016 to 3rd June, 2016 Organized by The Indus Entrepreneur Hyderabad.

- Mr. M. Ramachandra, Assistant Professor Attended two week training Programme on "Big Data Analytics" on 8th June, 2016 to 18th June, 2016 organized by ACE Engineering College, Ghatkesar
- Mr. M.Satish & Mr. G.Satya Kerthi has Participated in DST and E&ICT Academy Sponsored 10 days Faculty Development Programme on "Data Science and Big Data Analytics" organized by Dept. of Computer Science & Engineering, National Institute of Technology Warangal During 6th -15th June, 2016
- All the Faculty of IT & CSE are attended a Three – Day Faculty Development Programme on "Data Science & Big Data Analytics using R and Hadoop" during 23rd -25th June 2016 at GMRIT, IT Dept.
- Mrs. M.Jyothi and Mrs. M.Suneetha are attended for AICTE approved FDP by IIT Bombay on "USE of ICT in Education for online and Blended Learning" conducted by National Mission on Education through ICT (MHRD, Govt. of India) in the month of June 2016.
- P.M.K.Prasad, T.Geethamma, K.Krishna Kishore, attended Two Day Program on Internal Auditor Training on Quality Management systems based on ISO 9001:2015 & ISO 19011:2011 conducted by KnM Consulting at GMRIT, Rajam during 30-31st March, 2016.
- D.Arun Kumar and P. Ravi Kumar attended Short term Course on "Design and simulation of Antennas and Microwave devices" organized by the Department of ECE, NIT, Rourkela during 1st to 8th June 2016.
- GBSR Naidu attended in UKIERI sponsored 3 day Workshop on "Advanced Topics in Signal Processing, RF and wireless communications" held on June 13-15, 2016 at IIITDM, kacheepuram-chennai.
- Mr. P.Srihar, participated, Faculty Development Programme (FDP) on "Analytics with R" jointly organized by Electronics & ICT Academy NIT, Warangal and Department of Computer Science and Engineering, at Lendi Institute of Engineering and Technology, Vizainagaram During 16.06.2016 to 21.06.2016.
- Mr.R.Srinivasa Rao, Assistant Professor attended Two Weeks FDP on "Ground Water Flow and Transport Modeling through Fractured Geologic Media" Conducted by Department of Civil Engineering, IIT Hyderabad. From 27th June to 7th July 2016.
- Dr.G.Venkata Rao, Professor, & Mr. R Srinivasa Rao, presented a paper titled on "Assessment of infiltration rate and soil characteristics – A Case Study of Pydibhimavaram Industrial Area, Srikakulam, A.P, India" along with Dr.G.Venkata Rao in International Conference on Soil and Environment conducted by Indian Institute of Science, 22-23rd July 2016
- Dr.M.Krishna Prasad and Dr.R.Srikanth have attended a three day workshop on "Fluid Flow & Heat Transfer in Microchannels & Nanochannels", Organized by GVP College of Engg., Visakhapatnam (Sponsored by SERB, DST, Govt. of India) during 10th to 12th August, 2016.
- J S V.Siva Kumar, presented paper on "Design Of Hybrid Dc/Dc Step-Up Converter With High Voltage Gain For Fuel Cell Based Electric Vehicle Applications", in International Conference on Recent innovations in Engineering, Science, Humanities and Management, Organized by the School of Engineering, Gayathi Vidya Parishad College for Degree & PG Courses, Visakhapatnam, during 11th & 12th August 2016.
- M.Rambabu and R.Vijaya Krishna, presented paper on "Power Analysis For A Variable Speed Wind Energy Conversion System Under Variable Load Conditions", International Conference on Recent innovations in Engineering, Science, Humanities and Management, Organized by the School of Engineering, Gayathi Vidya Parishad College for Degree & PG Courses, Visakhapatnam, during 11th & 12th August 2016.
- P. Devendra, presented paper on "Simulation of sliding mode observer for sensorless control of BLDC motor", in International Conference on Recent Innovations in Engineering, Science, Humanities and Management, School of Engineering, GVP College of Degree & PG courses, Rushikonda, Visakhapatnam, August 2016.
- L V Suresh kumar, presented paper on "Micro Inverter Base Grid Connected Photo voltaic Sytem", in Seventh International Conference on Advances in Computing, Control, and Telecommunication Technologies - ACT 2016, 12-13 August 2016.
- V.Manoj, presented paper on Power Quality Improvement In Distribution Line Using Dynamic Voltage Restorer Based Fuzzy Logic Controller, in International conference on Recent Innovations In Engineering, Science, Humanities And Management (ICRIESHM-16), held during 11th-12th August 2016, organized by Gayatri Vidya Parishad College For Degree & P.G Courses, Visakhapatnam

Co-curricular Activities

Department-wise Activities

Dept. of Civil Engineering

Activities:

- AdZap – 04.07.2016
- What's a Good Word – 07.07.2016
- Dig Through – 11.07.2016
- Showcase Your Vision – 14.07.2016
- Just Click It – 18.07.2016
- Express to Impress – 21.07.2016
- Word War – 25.07.2016
- Group discussion – 28.07.2016
- Express to Impress – 04.08.2016
- Beg Borough Steal – 08.08.2016
- Click It – 11.08.2016
- App Max – 22.08.2016
- Make It Right Now – 29.08.2016

Dept. of Chemical Engineering

Activities:

- Success stories of eminent personalities - 01.07.2016
- Quiz – 02.07.2016
- Talk on latest technology – 02.07.2016
- Role play – 13.07.2016
- Showcase of vision – 15.07.2016
- Lost Atlantis – 18.07.2016
- Express to impress – 19.07.2016
- Showcase your vision – 20.07.2016
- Express to impress – 22.07.2016
- Lost Atlantis – 22.07.2016
- Just Two Minutes -25.07.2016
- Word power -27.07.2016
- What's a good tech word – 29.07.2016
- Social Networking boom – 05-08-2016
- Who am I? – 08.08.2016
- Debate – 10.08.2016
- Just a Minute – 12.08.2016
- Debate – 17.08.2016
- Group discussion – 19.08.2014
- Word War – 22.08.2016
- Photo Scavenger Hunt – 26.08.2016
- Dumbsharades – 26.08.2016
- Quiz – 29.08.2016

Dept. of Computer Science & Engineering

Activities:

- Success Stories of Eminent – 01.07.2016
- Adzap – 05.07.2016
- Talk about a Recruiter -08.07.2016
- Dig through - 12.07.2016
- Role Play – 15.07.2016
- Lost Atlantis – 19.07.2016
- Express to Impress – 22.07.2016
- Word War – 26.07.2016
- What's a Good tech Word – 26.07.2016
- Rapid Fire – 05.08.2016
- The Sabbot(ISTE) – 09.08.2016
- 4 Musketeers – 12.08.2016
- Butter Fingers – 16.08.2016
- Butter Fingers – 19.08.2016
- The Sabbot(ISTE) – 23.08.2016
- Talkathon – 26.09.2016

Dept. of Electronics & Communication Engineering

Activities:

- AdZap – 05.07.2016
- Debate - 07.07.2016
- Role Play - 11.07.2016
- Show case your self - 14.07.2016
- Dialog delivery - 18.07.2016
- Spot events - 21.07.2016
- Treasure hunt - 25.07.2016
- What's a good tech word - 28.07.2016

- Dumb Charades – 04.08.2016
- Word Trivia – 08.08.2016
- Quiz – 11.08.2016
- Quiz – 18.08.2016
- Debate – 22.08.2016
- Group Discussion – 29.08.2016

Dept. of Electrical & Electronics Engineering

Activities:

- AdZap – 05.07.2016
- Cartooning – 12.07.2016
- Dig Through – 12.07.2016
- QUIZ – 13.07.2016
- The Lost Atlantis – 19.07.2016
- CREAT – 21.07.2016
- Express to Impress – 26.07.2016
- Guess the word -27.07.2016
- Technical Quiz – 09.08.2016
- Trust Drawing – 10.08.2016
- who am I – 16.08.2016
- frame a story out of pic – 17.08.2016
- Word War – 23.08.2016
- Dubs mash – 23.08.2016
- Word War – 24.08.2016

Papers presented by students:

- Ms. Durgumahanti Sethu Madhavi, Mr. Bhamidipati Sameer Kumar, Ms. Challapalli Roja & Chintalapudi Aswin Kumar were participated in Engineer Infinite 2016, a National Level Engineering Student Project Competition seeking practical solutions to challenges in the Electrical Energy Sector held at ELECRAMA-2016 at Bangalore (Team Project No. PR-609826)

Department of Information Technology

Professional Society Activities:

- Cartooning – 29.06.2016
- Success Stories of Eminent personalities – 01.07.2016
- Adzap – 08.07.2016
- Quiz – 13.07.2016
- Role Play – 15.07.2016
- CSI- Seminar on Recent Technologies – 20.07.2016
- Express to Impress, Dialog Delivery -22.07.2016
- Word War – 27.07.2016
- Technoholix (ISTE) – 03.08.2016
- Dubs mash – 05.08.2016
- Aptitude Game – 10.08.2016
- Dubs mash – 19.08.2016
- Beg Borrow Steel – 26.08.2016

Department of Mechanical Engineering

Activities:

- AdZap – 04.07.2016
- Success Stories of Eminent personalities – 08.07.2016

- Group discussion – 11.07.2016 to 15.07.2016
- Creativity thoughts - 11.07.2016 to 15.07.2016
- Dumb sharads – 18.07.2016 to 23.07.2016
- Quiz – 18.07.2016 to 23.07.2016
- Comment on photo – 25.07.2016 to 29.07.2016
- Who am I – 25.07.2016 to 29.07.2016
- Best motivation video collections – 01.08.2016 to 06.08.2016
- Success Stories of Eminent personalities – 01.08.2016 to 06.08.2016
- Dubs mash – 08.08.2016 to 13.08.2016
- Mock Interviews – 08.08.2016 to 13.08.2016
- Search Challenge – 16.08.2016 to 20.08.2016
- ISTE model presentation – 16.08.2016 to 20.08.2016
- ISTE flabbergast puzzle – 22.08.2016 to 27.08.2016
- Tell me What – 22.08.2016 to 27.08.2016
- All Technicians are attended a Training programme on Auto Cad & PRO-E during 21st & 22nd June 2016 organized by department and conducted by Mr. K.Santa Rao & BV Suresh at Cad Lab, Block- 2.

Department of Power Engineering

Activities:

- AdZap – 04.07.2016
- Showcase your vision – 11.07.2016 to 15.07.2016
- Dig Through – 11.07.2016 to 15.07.2016
- Express to Impress – 18.07.2016 to 23.07.2016
- Lost Atlantis - 18.07.2016 to 23.07.2016
- What's a Good Tech Word - 25.07.2016 to 29.07.2016
- Word War – 25.07.2016 to 29.07.2016
- Advertising a technical New Product – 01.08.2016 to 06.08.2016
- Imitation - 01.08.2016 to 06.08.2016
- Advertising a New Technical Product – 08.08.2016 to 13.08.2016
- What's a Good Tech Word – 22.08.2016 to 27.08.2016
- Cross Interaction – 22.08.2016 to 27.08.2016
- Test Your Mathematical Brain – 28.08.2016 to 31.08.2016
- Fill in the shoes – 28.08.2016 to 31.08.2016

NSS Activities

- Plantation at GMR CARE Hospital Gate & Organized an awareness rally on plantation from GMRIT to Butchimpeta on 16.07.2016
- Orientation Programme conducted for 2nd,3rd & 4th year NSS Volunteers on 26.07.2016
- Vanam – Manam Programme (Plantation) at GMR CARE Hospital Road & Palakonda Road and also Organized an awareness rally on 29.07.2016 GMRIT to Govt. High School, Rajam.

- Organized Independence Day Celebrations in our campus and 5 Volunteers participated in Independence day celebrations at JNTUK, Kakinada, on 15.08.2016.
- In view of "AZADI-70: Yaad Karo Kurbanii" from 9th to 23rd August 2016, organized a rally on "Let Us Remember the Sacrifices of Freedom Fighters" from ECE Gate to Dolapeta
- Out of 22 selected colleges we got FIRST Place in SKIT on Digital India, which was organized by National E-Governance Division (NEGD) & NSS cell JNTUK Kakinada on 29.08.2016

Extra Curricular Activities

- Ms. ALURU SREE VAISHNAVI, JNTU No. 15341A0506 Participated in AP Power Lifting Championship State level 57 Kgs Wing On 16th & 17th of July, 2016 at Nandigama, got a 1st Prize (Gold Medal).
- Women Empowerment Club inauguration on 28.07.2016
- Dance Club conducted STEP UP-2016 on 29.07.2016
- A total of 55 Chemical Engineering students from 3rd and 5th Semester visited Vizag steel plant on 27-08-2016
- Mr. B. Ramji and Mr. K. Sai Kishore (III Year CSE) secured FIRST Position in Software Development in a National Workshop on Free and Open Source Software Tool organized by C. V. Raman College of Engg., Bhubaneswar & FOSS Proj., MHRD IIT Kharagpur
- Students of GMRIT bagged the first place in SKIT Designing Competition organized as part of Digital India workshop by University College of Engineering, JNTUK on 29th Aug., 2016

SPORT & GAMES ACTIVITIES:

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

- Foot ball – 07.07.2016 to 09.07.2016
- Volley ball – 24.07.2016
- Kabaddi – 26.07.2016
- Badminton(W) – 28.07.2016
- Basket Ball – 29.07.2016
- Cricket – 30.07.2016
- Foot ball – 03.08.2016
- Badminton – 06.08.2016
- Volley ball – 08.08.2016
- Kho Kho – 09.08.2016
- Badminton(W) – 08.08.2016
- Kho Kho (W) – 10.08.2016
- Kabaddi (W) – 12.08.2016
- Cricket – 18.08.2016
- Foot ball – 23.08.2016
- Volley Ball – 25.08.2016
- Power Lifting(W) – 29.08.2016
- Volley Ball (W) – 29.08.2016
- Kho Kho (W) – 30.08.2016

New Recruitments

- Dr. Sasi kumar G, Professor, Dept. of PE
- Mrs. Sivasangari A. Asst.. Prof. Dept of ECE
- Mr. NSS Ramakishna, Asst. Prof. Dept. of EEE
- Dr. Bharani Chadra Kumar P, Prof. Dept. of EEE.
- Mr. MVA Raju B, Sr. Asst. Prof. Dept. of ME.
- Mr. Lakshmu Naidu A, Asst. Prof. Dept. of ME
- Mr. M K Choudhury, Asst. Prof. Dept. of CSE
- Mr. Bharat Kumar J, Asst. Prof. Dept. of CSE
- Mrs. M Sai Priya, Asst. Prof., Dept. of CE
- Mr.TVS Divakar, Asst. Prof. Dept. of ECE

- II Yr- 4Hrs of training on team work, time management.
- III Yr- 6Hrs of training on soft skills by JNTU in association with globarena.

Training and Placement

- Continuation for the 2012 batch - 396 placements as on August - 2016.
- Full Semester internship Program launched for the final year students on 14th May 2016 .
- Team CDC participated in CII Training for Goal setting in Visakhapatnam on 10th June, 2016.
- Team CDC participated in CII Meeting on industrial growth prospects and challenges in srikakulam district on 18th June, 2016.
- A Guest Lecture given by Mr.Pratap(Alumni), TCS for B.Tech VII Sem. Students on 7th July 16.
- A Guest Lecture on "Tips on how to crack GATE Session" by Mr.Devendra Singh Negi, Gold Medalist, 2015 (Alumni of IIT Mumbai) for B.Tech VII Sem. Students on 14th July 16
- "Interview Techniques" given by Mr. S. Chandra Sekhar – Trainer from MACTECH on 25th & 26th July, 2016 for final students.

The following companies visited for recruitments:

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