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 Certification.

The annual intake of the institute is 828 students. It has eleven batches of successful B.Tech graduates taking up positions as competent and responsible professionals in many reputed companies.

GMRIT offers 4 year B.Tech programs in seven core disciplines, 3 year MCA program and 2 year M.Tech programs in six specializations.

Courses currently offered:
U.G. Courses:
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engg.
- 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)
- MCA

INSTITUTE RELATED

- Chemistry Laboratory conducted consultancy work relating to Quality of Water Test for Palakonda Nagar Panchayat in the 1st week of sept. 2013.

- Sri Ambedkar, Circle Inspector of Police department, Rajam visited our college and interact with 1st B.Tech 1st sem students in BS&H department seminar hall on 04.12.2013.

- Dr. P. Kanta Rao, Prof. & HOD, he has gone as M.E. Project Viva-voce External Examiner to A.U. College of Engineering (A), Andhra University, Visakhapatnam on 26th December, 2013.

ACHIEVEMENT
• Rated AA+ among top 80 engineering colleges in A P by Careers 360 for 2012.

• Ranked 45 among top 100 engineering colleges by Dataquest for 2011.

• Ranked 11 in India among top promising Engineering college of Excellence & ranked 14 in Andhapradesh by CSR for 2012.

• Ranked 75 among top 75 Engineering colleges by Outlook for June’12.

• Submitted questionnaire for 2012 Dalal street ranking.

• GMRIT is nominated as a NBA Training center to give training, awareness and sensitization about OBE to identified faculty and Institutions under JNTUK affiliated colleges.

• Submitted a Proposal to MOEF titled “Growing urbanization influence and impact on water cycle – a case study in the region under GVMC, Andhra Pradesh, India” by Dr G. Venkata Rao, for Rs 20.66 lakhs.

• Dr. M. Krishna Prasad submitted a research project entitled “Water quality assessment of freshwater sources of Srikakulam (India) with special reference to phytoplankton indicators” to Ministry of Forest & Environment”, during October, 2013.

• Dr.S.K.Behera, Ms. G.Kalyani & Dr. S.N.Dash submitted a research project entitled “Biochar Amendment in the Soil matrix for Simultaneous Remediation of Pesticide Contaminated Aquatic Ecosystems and Enhancement of Crop Yield” on 30th October, 2013.

• V Dhillenswara Rao awarded M. Phil. in Chemistry from GITAM University, Visakhapatnam.

• Dr. R.L .Naidu, Assoc.Prof in Mathematics was appointed as a examiner for Ph.D Viva-voce at Amaravathi University, Maharashtra and conducted the viva- voce on 28th Sept 2013.

WORKSHOPS

• Prof. K.Chandra Mouli department of Engineering Physics, A U visited BS&H department. He interacts with Physics faculty members on 07.12.13.

• Mr.Chandrahasan B.Tech intern (IIT Madras) reported to Department for his internship programme (3 weeks) on 21.12.2013. He is given a task to upgrade B.Tech Lab manual.

ACADEMIC ACHIEVEMENTS

Technical Paper Publication in Conferences

• Prof. Hung Such Park and Prof. Shishir Kumar Behera have presented a paper entitled “Role of Eco-Production in managing energy and environmental sustainability in cities – a lesson from Ulsan metro-polis”, Silver Jubilee Conference on Cities and Sustainability organized by Indira Gandhi Institute of Development Research (An Advanced Research Institute and Deemed University Established by Reserve Bank of India), Mumbai during 29-30 October, 2013.

• Prof. Shishir Kumar Behera have presented a paper entitled “Enhancement of eco-production capacity in Chittagong Export Processing Zone (CEPZ), Bangladesh employing Korean EIP
transition strategy” Silver Jubilee Conference on Cities and Sustainability organized by Indira Gandhi Institute of Development Research (An Advanced Research Institute and Deemed University Established by Reserve Bank of India), Mumbai during 29-30 October, 2013.


- 05th and 6th April, 2013; Dr. M.V.Subba Rao & Mr.N.Santosh Kumar (BS&H) presented a paper on “Physico Chemical Assessment of Quality of Underground Drinking Water in the Villages of Veeraghattam and Palakonda Mandals in Srikakulam District, Andhra Pradesh, India” in National Conference at BITS Pilani, Hyderabad Campus.


• **P.Vamsi Sagar** attended and presented a paper titled “Construction of sheaves by tolerance relations” at International conference on Recent advances in Mathematical sciences and applications (RAMSA-13) at G V P college of Engg, Visakhapatnam during 19-22nd December 2013.

• **N.V.Lalitha** has presented the paper in International Conference titled “DWT-Arnold Transform Based Audio Watermarking” at IEEE PRIMEASIA 2013 held during 20th – 21st December at GITAM Univeristy, Visakhapatnam.

• **O.Kishore & B.M.S.Srinivasa Rao**, presented the paper in International Conference IEEE titled “New Speech Enhancement Using Gamma tone Filters and Perceptual Wiener Filtering Based on Sub Banding” at JP Institute of Information Technology, NOIDA, New Delhi from 12-12-2013 to 14-12-2013.


• **V.Sumanth Chowdhary, P.Kalpana, A.Surya Kiran, P.King** entitled “Removal of Malachite Green (MG) from Synthetic Solution”, at an International Conference on Innovative Approaches for Food Security and Health Care for a Better Tomorrow (CHEMCON- 2013), IICET, Mumbai, 27th -30th December, 2013.


• **P.Vamsi Sagar , M P Kishore and R V G ravikumar**, published a paper titled “Construction of sheaves by tolerance relations” at International conference on Recent advances in Mathematical sciences and applications (RAMSA-13) at G V P college of Engg, Visakhapatnam during 19-22nd December.

PUBLISHED IN JOURNALS

• **Mr.D.Arun Kumar & Mr.P.Ravi Kumar** “ Interfacing a GPS Receiver to PC And Communicating Through RF Module”, in International Journal of Research in Electronics & Communication Engineering Volume 1, Issue 1, July-Sep' 2013, pp. 22-28.


• **G.B.S.R Naidu, D.Suresh, Ch.Babji Prasad, “Improvement of Communication Reliability Over Noisy...**


- Mr.K.Santha Rao, Dr.SV Ramana and Dr.CLRSV Prasad “ Influence of solid lubricant emulsion on surface rough roughness of hardened steel when machining on shaper “ International Journal of Mechanical Engineering and Technology (IJMET) Vol.4. issue -5 Pp:63 – 70, Sep 2013.

- Mr.G.Rama Krishna, Mr.Ch. Anil Kumar, Mr.P. Govinda Rao , Dr.V.chitti babu and Dr.SV Ramana “ Finete element Analysis of Residual stresses in welded joints Prepared under Influence of Mechanical Vibrations” International Journal on Mechanical Engineering and Robotics (IJMER) Vol.1. issue -1 Pp:85 – 89, Sep 2013.


- Mr.U. Sudhakar and Mr.J.Srinivas “ Design and analysis of X-Y-θ


• Dr.K Srinivas attended and presented a paper on “A complete analysis and dynamic simulations of Superconducting Quantum Interference Device (SQUID) Logic Gates” in International Conference on Emerging Trends, Technology and Research (ICETTR-2013) conducted by IJACR on 21st & 22nd September 2013 at Nagpur, Maharashtra, India.


• Dr. V.Ramakrishna has published a paper entitled " Effect of Biot number in batch studies of adsorption" International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol: 2, No. 10, PP: 587-595, October-2013.

• Mr. V.K.Chakravathi and Mr. S.S.G.Prasad has published a paper entitled “Index and Engineering


- P. Pushpalatha, Assistant Professor attended International Conference on “Memory Based Approach to Mine Frequent Patterns” Institute of Research and Journals (IRAJ), pp.189-192. International Conference on computer Science and Mechanical Engineering (ICCSME), 20th Oct 2013.


- D.S.B. Chowdary attended and presented a paper on “English skills for Employability” in International Conference on Teaching English for Employability conducted by Annamal College of Education, Tuticorin, Tamilnadu. on 21st & 22nd November 2013.


• Ch. V. Kameswara Rao attended and presented a paper titled “Computational Quantum Chemical (CQC) studies of isonicotinic acid hydrazide,its valence isomers and their isopropyl derivatives” in National seminar on Modern Trends in Chemical Science (MCTS-2013) at Acharya Nagarjuna University, Guntur during on 20-21st December 2013.


• Ch. V. Kameswara Rao attended and presented a paper titled “Computational Quantum Chemical (CQC) studies of isonicotinic acid hydrazide,its valence isomers and their isopropyl derivatives” in National seminar on Modern Trends in Chemical Science (MCTS-2013) at Acharya Nagarjuna University, Guntur during on 20-21st December 2013.


• GVSS Sharma and P Srinivasa Rao
  “Processing Capability Improvement of an engine connecting rod machining process” Journal of Industrial Engineering International (Springer) 9,37 2013

WORKSHOPS ATTENDED

• Prof. B.I.Neelgar, Mr. P.M.K.Prasad & AK Rout have participated in Workshop for “Training Resource Persons on Outcome Based Accreditation-Phase I” conducted by NBA Nodal Centre at JNTUK University College of Engineering, Vizianagaram on 13th and 26th to 28th.

• Sep, 2013 Prof. B.I.Neelgar & Mr. P.M.K.Prasad have participated in Workshop for “Training Resource Persons on Outcome Based Accreditation-Phase II” conducted by NBA Nodal Centre at JNTUK University College of Engineering, Vizianagaram on 26th-28th September 2013.

• Mr. V.Jagan Naveen has participated in the Two Day National Workshop on “Advances in Signal Processing (NWASP-13)” during August 30,31 2013 conducted by Andhra University, Visakhapatnam.

• Mr.G.Manmadha rao has participated in the Two Day National Workshop on “Advances in Signal Processing (NWASP-13)” during August 30,31 2013 conducted by Andhra University, Visakhapatnam.

• Mr. G.V.S.S. Sharma, Assistant Professor & Mr. M. Vykunta Rao, Assistant Professor attending National Workshop on “Research Methodology in Science, Engineering and Management” on 26th to 28th of September, 2013 at National Institute of Technology, Calicut.

• Mr. P. Saicahitanya “Periodic simulation for fluid flow in tubes using CFD” National conference at Mallareddy Engineering College on 20 to 21 Sep-2013.

• Dr. D. Krishna Rao and Dr. V S S R Gupta attended a One Day workshop on “Continuing Improvement Projects (CIP)” 18th September 2013 at GMRIT, Rajam conducted by GMR Group.

• Mr.N.Santhosh Kumar attended a National Workshop on “Primary Computational methods for Chemical Research” during on 20-21st September 2013 sponsored by TEQIP-II at Dept. of Chemistry, NIT Warangal.

• S. Vani Kumari Assistant Professor attended International Conference on “Black Listing Misbehaving Users While Maintaining Anonymity and Backward Unlink ability”, in the International Conference on Innovations in Computer Science and Engineering (ICICSE-2013), held at Guru Nanak Institutions Hyderabad, 20-21 Sept 2013


• Mr. Venkata L N Sastry and Mr.K.Chiranjeevi attended a International Conference on “Recent Trends in Communication and Computer Networks with title “Analysis of Blockman window using Fractional Fourier Transform” on October 8th and 9th 2013.

• Dr.D Krishna Rao, Ch Gopalarao, M Eswara Rao, K R Surendran, Dr.B Satyanarayana, T Ramprasad, V

- G. Satish, Assoc. Prof, L.V. Suresh Kumar, Asst. Prof, M. Vinay Kumar, Asst. Prof, have Attended a Two Day Workshop on “Research Methodology” conducted by GITAM Institute of Technology, GITAM University during 16th – 17th November, 2013 at Visakhapatnam.

- T.Geethamma has participated in the Two Day National Workshop on “Research Methodology” during November 16th and 17th 2013 conducted by GITAM University, Visakhapatnam.

- J.Venkata Suman has participated in the Two Day National Workshop on “Research Methodology” during November 16th and 17th 2013 conducted by GITAM University, Visakhapatnam.

- N.V.Lalitha has participated in the Two Day National Workshop on “Research Methodology” during November 16th and 17th 2013 conducted by GITAM University, Visakhapatnam.

- G.Kalyani participated in a one-day national workshop on “Effects of Emissions & Effluents on Environment(EEEE-2013)”, conducted by Andhra University on 24th December 2013.

- Dr.S.N.Dash, attended a National Workshop titled “Effects of Emissions & Effluents on Environment(EEEE-2013)”, conducted by Andhra University on 24th December 2013.


- Dr. Shishir Kumar Behara, Faculty of Chemical Engineering had attended to present a project entitled “Methane Production by Anaerobic Co-Digestion of Pineapple Processing Based Wastes with Dairy Cattle Slurry” to Department of Science & Technology (DST) (Ref. No: SB/S3/CE/078/2013) during 26-09-2013 to 28-09-2013, Cochin, India.

- Dr. Surya Narayan Dash, Faculty of Chemical Engineering had attended a webinar on “High Resolution LC-MS for the Analysis of Leachable and Extractable’ on Thursday, 26th September 2013 conducted by Select Science at Science House, Church Farm Business Park, Corston, Bath, BA2 9AP UK.
DEPARTMENT WISE ACTIVITIES

Dept. of Civil Engg.

- **7th & 8th June, 2012:** Department of Civil conducted a program training all the faculty on **usage of Total Station and DGPS** by M/S Janak Positioning Surveying Systems, New Delhi.

Dept. of Chem. Engg.

- Department of Chemical conducted an event **“TECHNICAL VALENTINE”** under ISTE activity.

Dept. of CSE

- Department of CSE conducted a **Prove Yourself, POSTER DESIGN, Information Security on Virtual Training Environment** under CSI students chapter.
- Conducted a guest lecture by **Mr. YUKTESH Ch. - IT-Specialist, IBM Academic Initiative - India From IBM, Hyderabad.** on the topic **“MOBILITY AND ITS APPLICATIONS”** to third & final year Students on 28th Nov. 2013 (Thursday).

Dept. of ECE

- Department of ECE & EEE conducted a refresher and training program for lab technicians.
- **23rd and 24th April, 2013:** Department of ECE conducted a 2 day workshop on **“Mentor graphics frontend and backend design tool”** for M.Tech DECS & VLSIES students by **G.Suresh**, Department of ECE, GMRIIT and **Balu Dastagiri**, Tredent Techlabs Pvt Ltd., Hyderabad.

Dept. of EEE

- Teaching workshops conducted by EEE Dept. to EEE Dept. faculty, during 20th – 24th, August 2013.
- P. Devendra, Assoc. Prof, G. Satish, Assoc. Prof, J.S.V. Siva Kumar, Asst. Prof, T.S.L.V. Ayya Rao, Asst. Prof, conducted a Teaching workshop on **“PSPICE” & “MATLAB”** for EEE Dept. faculty, by on 22nd August,20.
- Under **ISTE Events** a Guest Lecture Conducted by EEE Dept. for III & IV B.Tech EEE Students on 01-08-2013.

Dept. of IT

- A workshop is conducted for faculty on **“MAT Lab”** by G.Swain under CSI Banner on 13th & 14th August.
- Given a lecture **“An over view“ Research Methodology”** by G.Swain, Associate professor. Under ISTE banner on Date 16.08.2013.

Dept. of Mechanical Engineering
Internal Faculty Development Program on “AutoCAD Based Engineering Drawing Practice” by Dr. Vikas V. Chaudhari, Department of Mechanical Engineering, BITS - Pilani, K K Birla Goa Campus, Goa at Seminar Hall, Block 4 (for Theory), CAD Lab (for Practical sessions) 24th – 25th October, 2013.

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- Dr. D. Krishna Rao, M. Eswara Rao, Dr. K Srinivas, T. P. Dash, P. Eswaraji, M. Srikanth, T. Ramprasad, K R Surendran, D. Tejeswara rao, Dr. B. Satyanarayana, Dr. VSSR Gupta, Dr. K. Koteswara rao, P. Vamsisagar, Dr. P. Sarada Varma. Conducted an awareness programme on “Academic Regulations” for all 1st B.tech 1st Semester students during 26th & 27th October, 2013.
- 3 students from 1st B.Tech 1st Sem students are attended a One Day Youth Convention on Swami Vivekananda 150th Birth Anniversary during 6th November 2013 at Hotel Grand, Srikakulam.
- 27 students from 1st B.Tech 1st Sem are participated in Elocution Competition in Institute level National Education Day celebrations on 11th & 12th Nov 2013.
- 30 students from 1st B.Tech 1st Sem are participated in Essay Writing Competition in Institute level National Education Day celebrations on 11th & 12th Nov 2013.
- ISTE:
  - II, III & IV B.Tech. Essay Writing on 01.11.2013 at 2.00p.m.
    Winners: B. Lalita (11341A0826)
    Runners: G. Mounika (12341A0810)
  - II, III & IV B.Tech. Elocution on 01.11.2013 at 2.00p.m.
    Winners: Moses P. (11341A0829)
    Runners: D. Joshna (12341A0809)
  - II, III & IV B.Tech. Group Discussion on 16.11.2013 at 2.00p.m.
    Winners: A. HariPriya (11341A0804)
    Runners: Gangadhar (11341A0839)

P. Mythili, Faculty Coordinator for SAC Activities, have conducted “Geopbyte”, at 3.30 to 4.30 PM on 15th November2013. No. of Students Participated: 56
Winner: I. Ravi Teja (11341A0818)
Runner: Santosh Kumar(11341A0845)

- 62 students From III ECE attended workshop on “MICROELECTRONICS” at Department of System Design, Andhra University, Visakhapatnam on November 9, 2013.
- Majji Naresh Kumar & Kantigari Sai Charan Reddy Two Students attended in workshop Title named “Mobile app Workshop” on 10/11/2013 at Krify Software Technologies (P) Ltd., Kakinada.
- G.Manoj Raja Admn No. 12341A0337 & A.Venkatesh of II B.Tech (2012 Batch) are participated in the event of “Battle of the Bands at DhanaK 2013” the Annual Cultural Festival of the Indian Institute of Space and Technology, Thiruvananthapuram held from 20th to 23rd September, 2013.
- B. Amrita (Alumni of Chemical Engineering from 2009-2013 Batch) bagged 1st prize in poster presentation on all India basis for the paper titled “Optimization of coagulation-flocculation process for pharmaceutical wastewater treatment using response surface

- One day workshop on “The Six secrets of success “ for 1st B.Tech 1st Sem students of all sections by Syed Noor Mohamed Shakir from 18th dec 2013 to 21st Dec 2013 at Auditorium, GMRIT, Rajam.


- 72 members of II-B.Tech (EEE-A) students have visited “Parry Sugar Divison, Sankili” on 21st December, 2013.

- 74 members of II-B.Tech (EEE-B) students have visited “Parry Sugar Divison, Sankili” on 28th December, 2013.

- Mr.G.Tirupathi Rao(Captain), 4th EEE, Represented JNTUK in the All India Inter University Ball Badminton tournament, Venue: Alagappa University, Karaikudi, Tamilnadu from 20 to 24th Dec, 2013.

- Kho-Kho team Represented JNTUK in the All India Inter University tournament, Venue: Calicut University Kerala from 20 to 24th Dec, 2013.


- Mr.G. Phani chatanya, 3rd EEE, represented JNTUK in the inter university Hand ball tournament at Bharathidasan University, Thiruchirappalli, Tamil Nadu State from 20th to 24th Nov, 13.

- P.K.V.N.V.S.S. Prakash, 3rd Chem, S. Karthik, 3rd Mech & Rupesh, 2nd CSE represented JNTU Kakinada Football (Men) Team which will take part in the South Zone Inter-University Football (Men) Tournament to be organized by Mahatma Gandhi University, Kottayam, from 19-12-13 to 24-12-13.

- Mr.Reuben, 3rd Mech, represented JNTU Kakinada Hockey (Men) Team which will take part in the South Zone Inter-University Hockey (Men) Tournament to be organized by Sri Krishnadevaraya University, Ananthapur, A.P State from 09-12-13 to 13-12-13.

- K. Azharuddin, 2nd ECE, G. Kavya, 2nd EEE represented JNTU Kakinada Badminton (Men & Women) Teams which will take part in the South Zone Inter-University Badminton (Men & Women) Tournament to be organized by Manipal University, Manipal, Karnataka State from 15-12-13 to 19-12-13.

- Mr.Moses, 3rd Chem, selected for JNTUK inter university , Taekwondo championship will be held at Sathyabama University, Tamil Nadu from 8th to 12th Jan, 2014.

- Anti ragging committee (for Outside) meeting conducted by Dr. K. Gouru Naidu on 03.12.2013 at 4PM. Dr.CLVRVS Prasad, Principal addressed to member s of Anti ragging committee (for Outside).
NEW RECRUITMENTS

- K. Bhaskar Rao, Sr. Asst. Mech

Training & Placement


The following companies visited for recruitments:

- TCS
- IBM
- Infosys
- Birla Soft
- Wipro
- HCL Technologies
- Mahindra Satyam
- iGatePatni
- BSPCL
- Persistent Systems
- LnT
- Honeywell
- GMR Power –NPTI
- Jayashree Chemicals
- AMDOCS

- 56 Hrs 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 softskills by JNTu in association with globarena.

- IV Yr- 6Hrs of training on softskills by JNTu in association with globarena.

- Aircraft Engineering- 6 Hrs of training on IELTS

- III Yr- 01Hr of training on Interview skills.

- Major P.K Das Head HR, Aditya Birla group addressed IV year Civil Engineering students

- 11Hrs of training on basic English and communication for all the III year students by CIBT

- Presently we facilitate Training ( for CAT, GRE ) through TIMES Classes for the students who want to go for further studies. It is conducted every Friday & Saturday.

- For GATE aspirants, initiation started 1st time for 3rd year students in which they will be undergoing a total of 200 hours of training in which 30 hours have been completed. As they move into Final year, the training will continue after the vacation and the remaining 170 hours will be completed accordingly.

FORTHCOMING EVENTS

- STEPCONE-14 to be held on 7th & 8th February, 2014.
- CSI Student fest to be held on 7th & 8th March, 2014.