



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. GMR Institute of Technology is autonomous and affiliated to the Jawaharlal Nehru Technological University, Kakinada and approved by AICTE New Delhi. The institute has been applied for re-accreditation by National Board of accreditation (NBA), NAAC – 'A' grade of UGC. The institution is also having ISO 9001:2008 Quality Systems Certification.

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.

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 (Environmental Engineering)
- MCA

INSTITUTE RELATED

- **2nd & 3rd Sep, 2012:** GMRIT organized a workshop on **values and beliefs** for GMRIT faculty.
- **27th Sep, 2012:** **Mr. CH. Hemanth Kumar & Ms J. Usha Rani(EEE)** visited "**Vemagiri Power Plant**" along with **50 students**.
- **28th Sep, 2012:** conducted SPICMACAY event on "**Chindu Bhagavatam**"
- **28th Nov, 2012:** **Mr A D Shahane**, Vice President, Corporate Training-Technical BADAMAHE, Principal, LTIT, L&T visited the campus.
- **16th & 17th Nov, 2012:** GMR Varalakshmi foundation conducted a one day training program on "**The Art of Leadership through Emotional Intelligence** " by **Mr. E. V. Swami Nathan** in 2 spells for teaching and non teaching staff of GMRIT
- **Dr. B Nagendra Parasar**, Director of Education attended as International Advisory Committee member for

International Conference on **"Manufacturing Excellence"** organized by SJJT university, Rajasthan and KK Wagh Institute of Engg Education & Research and IIE.

- **Dr. D.G. Pradhan(EEE)** Associate Professor has awarded Ph.D by IIT Guwahati

GUEST LECTURES

- In the month of September 2012, **Dr.Srihari Rao**, Associate professor, Department of ECE, NIT Warangal delivered a guest lecture on **"Recent trends in Chip Design"** to 3rd ECE students.
- **15th Sep, 2012: Mr.B. Suresh Kumar**, Chief construction Engineer, DRDO delivered a guest lecture on **"EXPERIENCES IN CIVIL ENGINEERING PROJECTS"** to Civil students.
- **22nd Sep, 2012: Dr.P.V.Sri Lakshmi**, Associate Professor, NIT Warangal delivered a guest lecture on **"Advanced Drug Delivery"** to ECE students.
- **22th to 29th Sep, 2012: Mr.PNS Rao**, Adviser, Quality Department, MASGMR conducted lectures on "Aircraft Radio Navigation Systems" .
- **3rd Oct, 2012: Dr.P.Krishna Reddy**, IIIT, Hyderabad , delivered a guest lecture on **" E-SAGU & Research Issues in Data Mining"** to 3rd , 4th Years IT and 3rd Sem MCA students.
- **30th Nov, 2012: Dr.Murthy Chavali**, Professor and Head, Nano Technology center, N.I.University, Kanyakumari delivered a lecture on **"Nano Materials"** to IV B.Tech students.

- **3rd Dec, 2012: Dr.D.Koteswara Rao**, Professor of civil engineering, JNTUK Kakinada delivered a guest lecture on **"Stabilization of Marine Clays"** to 3rd and 4th Civil students.
- **05th Dec, 2012: Dr.Nagendra Parashan**, DE addressed the faculty on **"Way forward statements"**.
- **10th Dec, 2012: Dr.K.Subramanyam**, Pro VC of Vivekanada Yoga University, Bangalore addressed the faculty on **"Introduction of Value Education at GMRIT"** .
- **17th Dec, 2012: Prof.G.L.Datta, Chancellor**, KL University, addressed the faculty on **"Teaching Profession and Teachers"** & he addressed the students on **"Scopes & Trends in welding technology"** to 3rd year students.
- **27th Dec, 2012: Mr.Dines Bhurshundi**, AVP, Quality Survey, Delhi International Airport, delivered a lecture on **"Quality Assurance"** to 3rd Mechanical students.
- **29th Dec, 2012: Prof.K.Sarat kumar**, Associate Dean (R&D), KL University, addressed the faculty on **"Scope of Sponsored Research in 12th Five Year Plan"**.

ACHIEVEMENT

- The University Grant Commission (UGC) conferred autonomous engineering college status to our esteemed institute.
- 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 Andhrapradesh by CSR for 2012
- Ranked 75 among top 75 Engineering colleges by Outlook for June'12.
- Submitted questionnaire for 2012 Dalal street ranking

WORKSHOPS

- **6th to 8th Sep, 2012:** GMRIT organized a STTP on “**INDUSTRIAL DESIGN AND DELIVERY**” organized by GMRIT & National Institute of Technical Teachers Training & Research (Ministry of Human Resource Development, Govt. of India).
- **11th and 12th Oct, 2012:** Department of CSE conducted a **IBM RTC** workshop for CSE & IT faculty
- **16th & 17th Nov, 2012:** Department of ECE Conducted A Two day National workshop on “**Embedded systems and real time operating systems (ESRTOS-2012)**” chief guest and resource person for this workshop for Inaugural function **Sri.Srinivasulu Karasala , Director, DEPIK technoloioies Pvt Ltd., Hyderabad.** In this workshop Chief Guest and Resource person for Valedictory function **Prof. G.Sasi Bhushanarao , HOD-ECE, AUCOE, Visakhapatnam.** And Mr Naveen Kumar as a Resource person from Innovate Software Solutions Pvt Ltd., Bangalore.
- **02nd Nov, 2012:** Dr. B Nagendra Parashar, Director of Education presented a paper on “**Teaching Leaning Skills on Higher Education**” at Jamia Milia Islmaia Univversity, New Delhi.

- **21st & 22nd Dec, 2012:** GMRIT conducted a training program on “**Good Isms**” by Sister Anitha, Brahma Kumaris for all the non teaching staff.

ACADEMIC ACHIVEMENTS

Technical Paper Publication in Conferences

- **7th & 8th Sep, 2012:** Dr. M. V. Subba Rao, Dr. K. Gouru Naidu, Dr. K. Koteswara Rao, presented a paper on “**Nanotechnology Applications in Solar Cells – Emerging Trends**” in National Conference conducted by GITAM Institute of Technology, GITAM University, Visakhapatnam
- **10th & 11th Oct, 2012:** Mr. B.Niranjana Rao, Dr. M.Gangadhar & Ms. P.Kalpana presented a paper on “**Sustainable Chemical industrial Products for Ecological Civilization**”, in National Conference on “**Chemistry for Sustainable Development (suscon-2012)**” conducted by GITAM University.
- **10th & 11th Oct, 2012:** Ms. P.Kalpana presented a paper on “**Artificial Neural Networks Modeling in Methylene Blue Removal Process**”, in National Conference on “Chemistry for Sustainable Development (suscon-2012)” conducted by GITAM University
- **7th & 8th Dec, 2012:** Sri G Suresh & Smt N V Lalitha(ECE) presented a paper on “**Identification of Image Tampering using DWT**” at National Conference on Automation, Communication & Computing-2012 organized by Dept of EIE, GITAM university, visakhapatnam.
- **15th Dec, 2012:** Ms. P.Kalpana(chem) presented a papers on “ **Evaluation of Adsorption Characteristics of Malachite Green into Araucaria Cookii bark** “ , “ **Solar Energy for the production of Hydrogen from**

Municipal Waste Water“ and “Supercritical Carbon Dioxide, A Green Solvent, For Effective Separation And Extraction Processes” in National Conference on “ **Environment & Pollution – The Future Ahead**” (EPTA 2012) organized by Department of Biotechnology & Basic Science – Humanities, M.I.T.S. Rayagada, Odisha.

- **27th to 31st Dec, 2012:** Ms. P.Mythili, presented a papers on “**Sustainable Technologies for Energy and Environment**” “**Modeling and Simulation of Chocolate cooling process**” International Conference on at NIT Jalandhar.
- **7th and 8th Dec, 2012:** Ms D.Sudharani & Mr Santhosh, (ECE) presented a paper on “**Identification of Image Tampering using DWT**” at National Conference on Automation, Communication & Computing-2012 organized by Dept of EIE, GITAM university, Visakhapatnam.
- **Dr. M.Gangadhar** published a paper on “**Mass Transfer in Circular Tube Using Perforated Disc as Turbulence Promoter**”, in International Journal of International of General Engineering and Technology, Volume 1-1, Issue 31st August, 2012.
- **Dr. M.Gangadhar** has published a paper titled, “**Mass Transfer with Equilateral Triangular Plate as Turbulence Promoter in Circular Pipe**”, in International Journal of Modern Engineering Research, Volume 2, Issue:5, Sep-Oct, 2012, PP: 3281-3288.
- **Ms. G.Kalyani & Mr. H.Joga Rao** published a paper on “**The Removal and Equilibrium Studies of Cadmium by Natural Clay as adsorbent.**” in International Journal of Scientific & Engineering Research Volume 3, Issue 8, August-2012.
- **Ms. G.Kalyani & Mr. H.Joga Rao** have Published a paper entitled, “**Biosorption characteristics of Lead onto Bentonite Clay, as Low-cost Natural Biosorbent**” in International Journal of Scientific & Engineering Research Volume 3, Issue 8, August-2012.

PUBLISHED IN JOURNALS

- **Dr.M.V.Subba Rao**, published a paper on “**Assessment of Quality of Drinking Water at Srikurmam in Srikakulam District, Andhra Pradesh, India**” in International Research Journal of Environment Sciences, Vol. 1(2), 2012, 13-20.
- **Dr. M.Krishna Prasad**, published a paper on “**Entrapment of marine Microalga, Isochrysis galbana, for biosorption of Cr(III) from aqueous solution: isotherms and spectroscopic characterization**” in International Journal of ‘Springer Applied water Science’, 2012.
- **Mr. T. N. Shankar** published a paper on “**Steganographic manipulations with elliptic curve cryptography**” in the proceedings of International Journal of Electronic Security and Digital Forensics, Vol. 4, No.4, pp.280-297,2012
- **Mr. D.Venkata Ramana**, **Mr.Ch.Babjiprasad**, **Mr.D.Suresh** and **Mr.DYV Prasad** published a paper on “**Fractional Filter**” in *International Journal* of Electronic and Communication Research, ISSN 2231-1246, Volume -3, Number 2 (2012), PP 121-134, at Research India Publications. November 2012.

WORKSHOPS ATTENDED

- **7th & 8th Sep, 2012: Mr. M.Balajee (IT)** attended a National Seminar on “**cloud computing**” conducted by GITAM University
- **19th to 25th Sep, 2012: Mr.J.V.Suman & Mr. B.Anil Kumar**, attended Short term course on **Real time Embedded Systems** at IIT Kharagpur.
- **1st to 3rd Nov, 2012: Mr.K.Chiranjeevi, Mr.D.Venkataramana(ECE)** attended a **Workshop on “Labview of National Instruments”** Indo-US collaboration for Engineering Education conducted by MVGR college of Engineering, Vizianagaram.
- **16th and 17th Nov, 2012: Mr.G.Suresh, Mrs. N V Lalitha and Mr.K Chiranjeevi** attended a workshop on “**Embedded systems and real time operating systems (ESRTOS-2012)**” at GMRIT, Rajam.
- **26th to 30th Nov, 2012: Ms. PNL Pavani & Mr.K.Santa Rao**, attended DST-SERC PVD Coatings for Tool Bits at Manufacturing Dept., Anna University, Chennai.
- **17th to 20th Nov, 2012** : Dr. V Rambabu & Mr. P.Ramesh Babu, attended Altech Industries, Coimbatore for Pre Inspection of Wind Tunnel
- **10th & 11th Dec, 2012: N.Sridhar (IT)** attend a Conference on “**INDO CRIPT 12**” at ISI Kolkatta.
- **14th Dec, 2012: Dr.D.Madhavi, (IT)** attended IBM-GVP Confluence, “ **The future of Indian IT Industry 2013-2020: Meeting the demand of Industry by Academia**” at GVP CE, Vsp.
- **21st & 22nd Dec, 2012:Mr PMK Prasad (ECE)** attended a two day National

workshop on “**Medical Signal and Image Processing**” at NIT, Rourkela, Orissa.

- **12th & 13th Dec, 2012: Dr. M.Gangadhar and Mr. P.Satya Sagar (Chem)** attended an international workshop on “**Effects of Emission & Effluents on Environment (EEE-2012)**” at dept. of Engg. Chemistry, AU College of Engg. (A), Visakhapatnam .
- **15th Dec, 2012: Ms. T.Divya Kusuma and Ms. B.Devisree Mr. S.Ashok Kumar, Mr. B.Anil and Ms. K.Monica (chem)** attended a National Conference on “ **Environment & Pollution – The Future Ahead**” (**EPFA 2012**) organized by Department of Biotechnology & Basic Science – Humanities, M.I.T.S. Rayagada, Odisha”.

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.

- In the month of September 2012 Department of Chemical conducted an event “**My college! My Festival**” under ISTE students chapter

Dept. of CSE

- In the month of September 2012, Department of CSE conducted an events on “**ARIA & LORANDS**” under ISTE students chapter.
- **11th and 12th Oct, 2012:** Department of CSE conducted a **IBM RTC** workshop for CSE & IT students .
- **3rd & 7th Nov, 2012:** Department of CSE conducted an internal faculty seminar

on “**Forecasting and classification of Indian stocks using different polynomial functional link Artificial Neural Network**” & “**Steganographic manipulations with Elliptic curve Cryptography**” under CSI & ISTE faculty chapter

- 22nd Nov, 2012: The Department CSE conducted an event on “**INTERACTION WITH TCS SELECTED STUDENTS**” under CSI Students chapter activities.

Dept. of ECE

- In the month of October 2012, Department of ECE conducted an event on “**Pinnacle**” & “**Express UR Attitude**” under ISTE student chapter.
- In the month of October 2012, Department of ECE conducted a technical event on “**Shackle Race Rover**” Under IETE student chapter

Dept. of EEE

- In the month of September 2012, Department of EEE conducted an event on “**Game Over**” under ISTE students chapter.

Dept. of IT

- 4th September 2012 Department of IT conducted a technical event on “**Computing with Grid & Clouds**” under CSI activity.
- In the month of September 2012 Department of IT conducted 3 events under CSI students chapter “**Brain Charger, Expressive Minds and Brain Charger**”
- In the month of October 2012, Department of IT conducted an event on “**Experience the Interviews**”.

- 15th Nov, 2012: Department of IT conducted a training program on MOODELS Software for all the staff.
- 3rd Dec, 2012: Department of IT conducted a webinar “**Out of Box thinking**” in association with IBM.

Dept. of Mechanical Engineering

- In the month of August Department of Mechanical conducted Mock GATE for 4th year's

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **Mr. B.Dileep Kumar & Mr. K.Prasad** has Participated in the “**XPLORA**” event conducted in i-genesis 2012 at Andhra University College of Engineering (A) Visakhapatnam. During September 5th to 8th , 2012.
- 15th Dec, 2012: 5 chemical students presented 2 papers in national Conference on “**Environment & Pollution – The Future Ahead**” (EPFA 2012) organized by Department of Biotechnology & Basic Science – Humanities, M.I.T.S. Rayagada, Odisha
- 21st & 22nd Sep, 2012: 2 EEE students presented one paper at DIET college Anakapalli an event of “**IEEE Women n Engineering National Congress-12** (WIENC-12).
- 5th to 8th Sep, 2012: 14 CSE students presented 9 papers at Andhra University College of Engineering, Visakhapatnam, in the event of i-GENESIS - 2012.
- 21st & 22nd Sep, 2012: Ms. T. Parimala, 3rd eee(b) & Ms. T. Anusha Devi 3rd eee(b) won 3rd prize for their paper on “**Advanced Power Systems**” in the

event of "IEEE Women n Engineering National Congress-12 (WIENC-12) at DIET College, Anakapalle.

- **08th Sep, 2012:** G. Krishna Kranthi (Civil) & S. Sravaya(Civil) won 1st prize for their paper on "**Xplora- Foundation in Problematic Soils**" i-genesis 2012 at Andhra University College of Engineering (A), Visakhapatnam.
- **08th Sep, 2012:** N.V.Padma Priya , M.Swapna, G. Krishna Kranthi (Civil) & S. Sravaya(Civil) won 1st prize for their paper on "**Xplora – Sustainable Development of Infrastructure**" i-genesis 2012 at Andhra University College of Engineering (A), Visakhapatnam
- **21st & 22nd Sep, 2012:** M.Praveen, M.V.S.Prasanth, M.A.L.Vaidehi & L.Ramalaxmi(EEE) got **1st prize** for their paper "**PC Controlled Rover**" at AITAM, Tekkali, Srikakulam.
- **21st & 22nd Sep, 2012:** **Mr.B.Divya Vani(ece)** got **2nd prize** for her paper on "**Transfer jet**" conducted by Dadi Institute of Engineering & Technology IEEE Women in Engineering Affinity Anakapalli, Visakhapatnam.
- **V Niveditha, P Bhanuchandar, T.Manikanta** presented a paper titled "**Artificial Heart**" AITAM, Tekkali, Srikakulam(Dt),During 21st & 22nd SEP 2012. **Got 3rd Prize.**
- **21st 22nd Sep, 2012:** **V Niveditha, P Bhanuchandar, T.Manikanta (EEE)** presented a paper titled "**Artificial Heart**" AITAM, Tekkali, Srikakulam (Dt),During. **Got 3rd Prize.**
- 2 students (Mr.P.Prabhakar, 4th mech, Mr.P.Surya kiran , 3rd EEE, represented JNTUK in the south zone interuniversity **Hockey competition** at JNTUK kakinada, it will be held at Bharathi dasan University, Tiruchina palli Tamilanadu.
- In the month of September 2012,3 students **Mr.S.Karthik, 2nd Mech, Ch.Nikhil, 3rd Mech, K.S.Prudvi raj, 2nd EEE** represented JNTUK in the south zone inter university **football competition** it will be held at Annamalai University chidambaram , Tamilnadu
- **9th Sep, B.Rajasekhar,** got consolation prize **75 KG category**, consolation prize in Mr. Andhra Body building champion ship held at SKLM
- **Mr. M.Bhargav,** 3rd EEE-A won 1st prize for his paper in the event of "**SPECTRA 2K12**" conducted by Sri Vaishnavi College of Engineering, Srikakulam.
- **Mr. K.Harish Hanumantha Rai,** 2nd EEE won 2nd prize for his paper in the event "**EESTITHA – 12**" at PYDAH, Visakhapatnam.
- **Mr. G. Venkatesh,** 2nd EEE won 1st prize for his paper in the event of "**Aspire 2k12**" at AITAM, Tekkali
- **G.Kavya,** 1st EEE represented JNUK Volley Ball in the south zone inter university tournament at ANU Guntur
- **P.Sanchitha,** 1st CSE, **G.Sujitha** 2nd CSE, **G.Kavya** 1st EEE represented JNTUK Basketball women in the South Zone interuniversity tournament by Annamalai University it will be held on 07.11.2012.
- **21st ot 23rd Dec, 2012:** Mr. **Y.Avinash(chem)** got Gold medal in the event "**Triple Jump**" "**4x100 running**" **Sh.Jagadeesh** (CSE)silver medal in "**long Jump**" silver medal in "**100 meters**" bronze medal in **4X100 meters, VV.Srikanth(EEE)** got silver medal in "**high jump**" , **KSP saradhi(EEE)** bronze in "**4X100 meters**" relayon 1st JNTU Kakilnada Inter collegiate Central Zonal Athletics

MEET 2012 held at Aditya Engineering College, Surampalem.

- **2nd Dec, 2012: Jyotsna Reddy, represented JNTUK**, in the South Zone inter university tennies tournament held at NIT Warangal.
- **19th Dec, 2012: Ch.Ashok Kumar** represented JNTU south zone inter university basket ball men at Dr.NTR health university, Vizayawada.
- **12th Dec, 2012 : G.Tirupathi rao, G.Sravan Kumar, A.Bharathi devi, M.Keerthi, V.Amruthavalli, N.Aiswarya, J.Kavitha** represented JNTUK in the all India interuniversity ball badminton men and women conducted NIT Warangal.

Training & Placement

- Continuation for the 2012 batch, 364 placements as on December – 2012.

The following companies visited for recruitments:

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

- In the month of September 11Hrs of training on basic English and communication for all the II year students(653) by CfBT.
- In the month of September 10Hrs of training on basic English and communication for all the III years(706 students) by CfBT.
- In the month of September 30Hrs of training on Group discussions , Interviews and one to one mock interviews for all the final years as a part of CRT.
- In the month of September “Employability skills” by Mr. Murthy from Tata Consultancy services for all the Final Years.
- In the month of October 2012, TPC Organized NASSCOM NAC Tech Test for 483 Final year B.Tech & MCA Students
- In the month of October 2012, 10Hrs of training on basic English and communication for all the II year students(653) by CfBT.
- In the month of October 2012, 9Hrs of training on basic English and communication for all the III years(706 students) by CfBT.
- In the month of October 2012, 12Hrs of training on Aptitude, Reasoning, Verbal for all the final years as a part of CRT Refresher.
- In the month of October 2012, 12Hrs of Technical training on core subjects for all the final years as a part of CRT.

FORTHCOMING EVENTS

- STEPCONE – 2013. In the month of January