



**G**MR 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, Hyderabad and is approved by AICTE New Delhi. The institute has been accredited by National Board of accreditation (NBA), New Delhi and has acquired the ISO 9001:2000 Quality systems Certification.

The annual intake of the institute is 810 students. It has seen six batches of successful B.Tech. graduates taking up positions as competent and responsible professionals in many reputed companies.

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

## 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

### P.G. Courses

- M.Tech (Power & Industrial Drives)
- M.Tech (Transportation Engineering)
- M.Tech (CAD/CAM)
- M.Tech (Computer Science & Engg.)
- M.Tech (DE&CS)
- MCA

## INSTITUTE RELATED

- \* GMRIT received a **Gold medal and Certificates of Appreciation** from Indian Red Cross Society on **29th May, 09** through DC of Srikakulam for motivating and organizing blood donation camps.
- \* To offer B.Engg (Aircraft Engineering) on twinning model through Tri-party MOU between AU and Perth college UK and GMRIT from academic year 2009-2010.
- \* **29th May, 09:** Dr.C.L.V.R.S.V.Prasad (Principal) attended a Red Cross Executive Committee Meeting at Srikakulam.
- \* **10th June, 09:** JNTU Fact finding committee visited the campus for an Academic Audit.
- \* **20th June, 09:** A team of Perth College, UK Faculty visited the campus and addressed the faculty of Mechanical and EEE departments.

- \* DST Sanctioned 18.30 Lacs for Engineering Science Scheme entitled **“Investigation on cutting tools with an array of nano films and their performance evaluation”** Dr.CLVRSV. Prasad, Principal of GMRIT, is Principal investigator for Mechanical Engineering Department.
- \* **14th July, 09:** Ms. Suki Iyer from Metamorph, Bangalore, addressed the IV Year students on **“Getting Ready for a Career – Expectations of the Student and the Recruiters”**
- \* **24th July, 09:** Mr. Arun Bhagat, Vice President-Talent Management & Group Head-Corporate Communications, GMR Group, addressed IV Year students on **“Industry’s expectations in the Current Scenario”**.
- \* **29th July, 09:** Captain A Samal, Command Recruitment Officer and Commander TLP Babu, PRO, Eastern Naval Command, Vizag addressed the IV Year students on **‘Career Opportunities in the Indian Navy’**
- \* Parents meet was conducted on **18th June, 09** at GMRIT campus appraising about credit system under JNTU Kakinada
- \* **ISO 9001:2008** Registration Audits held on **30th & 31st July 2009**.
- \* To increase seats in B.Tech(EEE) from 90 to 120 and conversion of 60 B.Tech(IT) seats to B.Tech(Mech) for the academic year 2009-2010
- \* **6th and 7th Aug, 09:** Ms.Vandana Sharma, corporate HR, GMR Group delivered a guest lecture on **“Alternate Career Paths – Life in Army (short Service commission)”** to IV-B.Tech Students and **“Personality Development and Communication Skills”** to III-B.Tech Students
- \* **19th Aug, 09:** Tushar Roy, Director-Recruiting, Visakhapatnam Region, Indian

Army addressed the students on “Recruitment of Technical Officer in Indian Army” to IV-B.Tech Students

- \* **21st Aug, 09:** Dr.D.R Prasad Raju Advisor-DST, Government of India delivered a guest lecture on **“Research Opportunities to Faculty through DST”** to Mechanical, EEE Faculty.

## ACHIEVEMENTS

- \* AICTE sanctioned Rs 75,000/- for a seminar in Mechanical Dept.
- \* DST sanctioned travel grant of Rs. 50,000 for faculty members for a workshop in CSE Dept.

## WORKSHOPS

- \* **26th & 27th June, 09:** Department of Chemical Engg. conducted a two day national seminar on **“Novel Separation and Purification Techniques”**.
- \* A two day seminar was conducted on **“Careers in Engineering”** at GMRIT Campus on **06th and 7th June, 09**.

## ACADEMIC ACHIVEMENTS

### Technical Paper Publication in Conferences

- \* Mr. Y.Narendra Kumar & Mr. P.Vasudeva Naidu (EEE) submitted a paper titled **“A New Simple modeling and analysis of custom power controllers”** in ICPS, 2009, IIT, Kharagpur.
- \* Mr. V.Rambau and Mr. M.V.S.Babu (Mech) presented a paper on **“Performance Combustion and Emissions on a Variable compression Ratio Diesel Engine fuelled with cotton seed methyl Ester”** at International conference conducted by SV National

Institute of Technology, Surat from **3rd to 5th Aug, 09**

## **PUBLISHED IN JOURNALS**

- \* Mr.G.Babu Rao & Ms. G.Kalyani (Chem) published a paper titled **“Removal of Floride from Aqueous solution using a waste material”** in an international Quarterly Scientific Journal Volume (no.2) in the month of **June, 09**.
- \* Mr.A.Prasad has published a paper titled **“Removal of copper using micro size coconut” Husk powder Equilibrium and Kinetic studies** in an International Quarterly Scientific Journal in the month of **June, 09**.

## **WORKSHOPS ATTENDED**

- \* Mr.L.Govinda Rao (ECE) attended a one week summer school program on **Technology CAD** at AU college of Engineering from **31st May, 09 to 6th June, 09** conducted by IIT, Karagpur
- \* M.Saptagiri & Mr.K.Ravi Kumar(ECE-Technical Staff) attended a **4 Days training of Equipment maintenance** at science tech technologies PVT limited, Hyderabad from **23rd to 26th June, 09**
- \* Dr.M.Krishna Prasad(Chem) attended a short term training program on **“Process Modeling Simulation and Optimization”** from **1st to 14th June, 09** at NIT, Warangal
- \* Mr.P.S.Sagar & Mr.G.Babu Rao(Chem) attended a short term training program on **“Computational Fluid Dynamics for Chemical and petroleum Engineering”** from **08th to 12th June, 09** at IIT, Guwahati.

- \* Mr. VJJ Prasad, Sr.Asst.Prof. attended AICTE Sponsored Faculty Development Programme on **“Integration of Computer Based Methodologies in Mechanical Engineering Systems” (ICMMES-09)** conducted by Dept. of Mechanical Engg. MVGR College of Engg. Vizianagaram from **25th May to 06th June,2009**.

- \* Mr.K.Krishna Kishore (ECE) attended 12 days workshop on **“Advanced Digital Signal Processing and Applications”** at NIT, Warangal during **13th to 26th July, 09**

- \* Mr..Ramana, Mr.V.Chittibabu, Mr.V.RamabBabu, Mr.S.Srikan of Mech dept and Mr. A.Apparao, and Mr.M.Venkateswara Rao of EEE attended a **2days** training program on MRO activities at **Samshabad Airport, & Begumpet Airport** on **8th and 9th July, 09**

- \* Mechanical, EEE, ECE and Civil faculty members (six members from each branch) attended a guest lecture on **1) “Accreditation Issues in Technical Education for Global Acceptance of Indian UG/PG Programmes”** by Dr.V.Singh, Former Director of IIT, Roorkee,

- \* Mr.U.Arun Kumar(Civil),Associate Professor, attended a one week short term training programme on **“Role of Geosynthetics in Civil Infrastructure”** organized by IIT, Madras from **10th to 14th August, 09**

- \* **19th to 21st August, 09:** Mr.J.Venkata Suman, Assistant Professor attended a 3 day workshop on **“Analog and Mixed Signal Design”** at JNTU, Hyderabad

## **DEPATMENTWISE ACTIVITIES**

### **Dept. of Civil Engg.**

- \* **27th June, 09:** Mr. Chandra Mouli (civil) delivered a guest lecture on **“Concepts of Systems Analysis and Systems Approach to**

**Water Resources Planning”** to 3rd and 4th year civil students.

- \* **4th July, 09:** Mr.G.Venkata Rao(Civil) delivered a lecture on **“Determination of Dispersion Coefficient at Estuary By Using Mathematical Model – A Case Study of Upputeru River”** for 3rd and 4th Civil students.
- \* **16th July, 09:** Mr. S.Chandra Mouli (civil) delivered a lecture on **“Video Presentation on Concepts of Fluid Mechanics”** to 3rd and 4th civil students.
- \* **18th July, 09:** Mr. J.Venkateswara Rao (civil) delivered a lecture on **“Model Analysis Using STAAD. Pro”** to 3rd and 4th civil students.
- \* **20th Aug, 09:** Department of Civil Engineering conducted an inaugural function of **“Society of Civil Engineering”** under ECDA activities

### Dept. of CSE

- \* **27th June, 09:** Department of CSE conducted an in-house faculty seminar on **“Introduction to Side Channel Attacks”** as a part of under CSI activity.
- \* **28th July, 09:** Dr.Gunamani Jena, Professor and HoD of CSE, BVC college of Engineering delivered a guest lecture on **“Fundamentals of Image Processing its Applications of Image Segmentation”** for 3rd and 4th CSE students.
- \* **25th JULY, 09:** B.Suresh (IT) delivered a lecture on **“Content Management System”** for IT & CSE faculty members under CSI activities.
- \* **4th July, 09:** Department of CSE conducted a **General Quiz** under ISTE students’, chapter

- \* **27th July, 09:** Department of CSE conducted a **“poster design contest”** under ISTE students’ chapter.
- \* **29th July, 09:** Department of CSE conducted an **“AD-MAD show event”** under CSI students’ branch and Society of CSE activity.
- \* **28th July, 09:** Society of Computer Science conducted an inaugural session for the Academic year 09-10.
- \* **12th Aug, 09:** Dr.K.Nageswara Rao, HoD-CSE, Mr. PVP-Siddhartha College of Engineering, Vijayawada delivered a guest lecture on **“ Fundamentals of ROBOTICS and Design of Four Fingered Robot Hand”** to II CSE students under society of CSE & CSI students activities.
- \* **1st Aug, 09:** Department of CSE conducted a paper presentation contest under ISTE students’ chapter.
- \* **29th Aug, 09:** Department of CSE conducted seminar on **“Optimization of Decision Paths by using Fuzzy Logic”** to 4th year CSE students delivered by Mr. K.Koteswara Rao(CSE)

### Dept. of ECE

- \* **6th July, 09:** Prof.P.N.Rao, Ex. IIT Delhi, Professor in Florida University, USA delivered a guest lecture **“MEMS”** to 4th ECE & Mech students.
- \* **25th July, 09:** Department of ECE conducted a **“Quiz contest”** and **“A career orientation program”** under IE (I) and ISTE students’ chapter.
- \* **3rd Aug, 09:** Department of ECE conducted an **ECDA** inaugural function

### Dept. of IT

- \* **08th July, 09:** Department of IT conducted an “**Elocution competitions**” under ISTE students’ chapter.
- \* **12th Aug, 09:** Dr.K.Nageswara Rao, HoD-CSE, PVP-Siddhartha College of Engineering, Vijayawada delivered a guest lecture on “**ROBOTICS-An overview**” to IT students under ISTE students activities.
- \* **25th JULY, 09:** Mr. B.Suresh (IT) delivered a lecture on “**content Management System**” for IT & CSE faculty members under CSI activities.
- \* **1st Aug, 09:** Department of IT conducted an “**Ad Design Context**” for 3rd MCA and 2nd, 3rd and 4th IT students under ISTE activities.

### Dept. of EEE

- \* **29th Aug, 09:** Mr. S.Sarath Kumar, Associate Professor, MVGR, Vizianagaram delivered a guest lecture on “**Effects of FACTS devises on Voltage Stability**” to EEE students.
- \* **20th Aug, 09:** Department of EEE conducted a **SUDOKU (Number Game)** for the students of GMRIT under ISTE, IE & SOEEE students’ chapter.

### Dept. of Chem. Engg.

- \* **7th and 8th July, 09:** Department of Chemical Engg., conducted a seminar on “**Adsorption**” by Mr. A. Prasad to chemical students.
- \* **14th and 15th July, 09:** Department of Chemical conducted a seminar on “**Introduction to HT Opt. of Chemical Engg**” by Mr. G. Babu Rao (Chem) to chemical students.

- \* **22nd July, 09:** Department of Chemical conducted a “**Technical Quiz**” under ISTE and IEI students’ chapter.
- \* **05th Aug, 09:** Department of Chemical conducted a Seminar on “**De-mineralized water Treatment Plant & operation**” to 3rd year students by Mr.B.Niranjana Rao (Chem)
- \* **11th Aug, 09:** Department of Chemical Engg conducted 4 seminars on “**De-mineralized water Treatment Plant & operation**” to 2nd year students by Mr.B.Niranjana Rao(Chem), “**Application of Fluid Statics**” to 2nd year students by Ms.K.Venkata Lakshmi(2nd year), “**Oil Exploration**” to 3rd year students by Mr.P.S.Sagar(Chem) and “**Chemical Development of Pharmaceutical Industries**” to 3rd year students by Mr.R.Srikanth

### Dept. of Mechanical Engineering

- \* **6th July, 09:** Prof.P.N.Rao, Ex, IIT Delhi, Professor in Florida University, USA delivered a guest lecture “**MEMS**” to 4th ECE & Mech students.

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- \* Mr. M.Ravi Teja, 3rd ECE is selected from Srikakulam to represent the district in **inter district cricket tournament** at Kakinada.
- \* Mr. Phanindra Kumar (CSE) presented a paper on “**Artificial Neural Networks**” at Destreza-09 conducted by Kaushik College of Engineering on **5th and 6th August 09**
- \* Ms. K.Divyasree and Mr.Y.Sarath Chandra (CSE) presented a paper on “**Artificial Vision**” at Destreza-09 conducted by Kaushik College of Engineering on **5th and 6th Aug, 09.**
- \* Mr.K.Sateesh and Mr.K.Sairaj presented a paper on “**Latest Trends in Artificial Intelligence**”.

- \* Mr.G.Charan & Mr.I.Mahendra(CSE) got 1st Prize for their paper **“LOG Maintenance System”**, at Destreza-09 conducted by Kaushik College of Engineering on **5th and 6th August, 09.**
- \* Mr.K.Sateesh (CSE) got 1st Prize for his paper **“EYE Interfacing Technology (EOG)”** at Destreza-09 conducted by Kaushik College of Engineering on **5th and 6th August 09.**

## NEW RECRUITMENTS

- \* Dr. G.Venkata Rao joined as Associate Professor in the Dept of Civil Engg.
- \* Mr. M.Balaji joined as Assistant Professor in the Dept of IT
- \* Mr.B.Kiran Kumar joined as Assistant Professor in the Dept of CSE.
- \* Mr. P.Kishore Kumar joined as Assistant Professor in the Dept of EEE.
- \* Mr.R.Ch.A.Naidu joined as Assistant Professor in the Dept of IT.
- \* Mr.J.Venkata Suman joined as Assistant professor in the Dept of ECE.
- \* Mr.D.Srinivasa Rao joined as Assistant Professor in the Dept of ECE.
- \* Mr.B.Anil Kumar joined as Assistant Professor in the Dept of ECE
- \* Mr.T.Sreenivasa Rao joined as Assistant professor in the Dept of IT.
- \* Mr.P.Naga Raju joined as Assistant Professor in the Dept of IT.
- \* Mr.B.Suresh joined as Assistant Professor in the Dept of IT.
- \* Ms.M.Suneetha joined as Assistant Professor in the Dept of IT.

- \* Mr.P.Vasudeva Naidu joined as Assistant Professor in the Dept of EEE.
- \* Mr.P.Srinivasa Rao joined as Assistant Professor in the Dept of EEE.
- \* Mr.P.Devi Pradeep joined as Assistant Professor in the Dept of ECE.
- \* Ms.K.Sudha joined as Associate Professor in the Dept of IT.
- \* Mr.R.Anil Kumar joined as Asst. Professor in the Dept of IT.
- \* Mr.D.Aravind joined as Asst.Professor in the Dept of MECH.
- \* Mr.B.Nagamani Naidu joined as Assistant Professor in Chemistry in the Dept of BS&H.
- \* Ms.Rukshana Parveen joined as Assistant Professor in English in the Dept of BS&H.
- \* Mr.D.S.Subba Rao joined as Associate Professor in Physics in the Dept of BS&H.
- \* Mr.K.Dasu Naidu joined as Assistant Professor in Maths in the Dept of BS&H.
- \* Mr. A.Ganapathi Rao joined as Assistant Professor in Maths in the Dept of BS&H.
- \* Ms. P.Anupama joined as Assistant Professor in Maths in the Dept of BS&H

## Training & Placement

- \* A teleconference was conducted by executives of Infosys with the selected candidates on **6th May 09.**
- \* Mr. B Kishore, SPOC, Infosys Campus Connect attended a meeting at Infosys, Hyderabad along with all the selected students on 14th May'09.
- \* A TPC team visited Orissa to make an initial contact with companies - M/s OCL, Hari Machines, Eastern Power Supply Ltd., JK Paper, Tata Refractories, etc.,

- \* Mr.B Kishore, and Ms.Vasudha Rani (IT) attended the **Faculty Development Program** by M/s Infosys from **9th to 12th June'09**.
- \* An Initiative to establish **Microsoft IT Academy** at GMRIT has been taken up and meeting with Principal, CAO, HoD - CSE, and the Academic Team of Microsoft was organized.
- \* A TPC team visited Pydibhimavaram & Poosapatirega to make an initial contact with Industries -**M/s Matrix, M/s CP, M/s HBL, M/s Arabindo Pharma, M/s Andhra Organics & M/s Reddy Labs Hindustan Zink** during the month of **July 09**.
- \* The TPC conducted a seminar on **“The various Career options for Engineering”** for 3rd B.Tech Students with a focus on CAT & GRE on **12th August 09**.
- \* The TPC conducted an orientation program on **“Usage of workbooks, the Evolution and advantages of ADAYANA work skills program”** for 2nd year students on **18th and 19th August 09**
- \* **CAT-2010 and GRE and TOFEL** classes commence on **28th August, 09**
- \* Total Cumulative placements for 2009 batch as on 31st May 09 – 163

## FORTHCOMING EVENTS

\* The department of CSE will be organizing International Seminar on “Application of Artificial Intelligent” on 10<sup>th</sup> -11<sup>th</sup> December 09. The resource persons are from the USA. The list is given below.

- 1) Dr Bhanu Prasad, Dept of C&ISC Florida A &M University, USA.
- 2) Dr T.K Prasad, Meta data& Layer Lab, Dept of CSE Write State University-USA.
- 3) Dr Neetesh Chowla and
- 4) Dr Md Siddik