



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), New Delhi, accredited by NACC Grade "A" 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 program 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

- **7th January 2011:** Dr.V.Bhujanga Rao, Distinguished Scientist, Director of NSTL, Andhra Pradesh was the chief guest for STEPCONE-2011.
- **7th and 8th January 2011:** GMRIT conducted a Two day national students paper contest and exhibition event (**STEPCONE-2011**)
- **26th January 2011:** GMRIT NSS wing received Republic Day appreciation award from Srikakulam district collector for conducting blood donation camps in association with Indian Red Cross Society.
- **05th January 2011:** One month "Business Skill Development Program" for 3rd and 4th year students in association with MSME Visakhapatnam was concluded.

- **4th February 2011:** Prof. Roy Anderson and Mrs. Rachel from Perth College, UHI, Scotland addressed faculty on **“Virtual Teaching and Learning Environment”**.
- **24th February 2011:** Dr.A.Amba Prasad, Professor, NIT Warangal delivered a guest lecture on **“I C Engines and Alternate Fuels”** to Mechanical students.
- **3rd & 4th February 2011:** Mr. R.Sadanandam, Scientist from BARC(G) delivered a guest lecture on **“Distribution Coefficient in MT ”** to chemical students.
- **22nd February 2011:** GMRIT Film Club inaugurated with the student members
- **1st February 2011:** The Principal, GMRIT, attended a preliminary meeting for **Tripartite MOU between JNTUK; GMRIT and Perth.**
- **3rd February 2011:** The College organized a **SPICMACY Event “Sattriya Dance (Assam)”** performed by Guru Sri.Ghanakanta Bora and Team.
- **06th and 7th February 2011:** **Dr.VSSR Gupta (BSH)** attended a meeting on **Board of Studies of Mathematics** at JNTUK, Kakinada
- **22nd to 24th February 2011:** **Dr.CLVRSV Prasad (Principal)** attended a meeting with **Airport Authority of India at New Delhi.**
- **10th March 2011:** **Mr. S. Ganapati,** Rtd., S.E, A.P Transco delivered a Guest Lecture on **“Energy Conservation Opportunities”** for Staff members and 3rd, 4th year, M.Tech students of EEE Department.
- **26th March 2011:** **Mr.Amar Narayana Chowdary,** Infosys, Bangalore delivered a Guest Lecture on **“Career Opportunities in IT industry ”** to 2nd ECE students at Seminar Hall.
- **4th March 2011:** **Dr.M.Amarnadh Reddy,** Professor, IIT, Kharagpur delivered guest lectures on **“Advanced Transportation Engineering and Career Opportunities”** & **“Advanced Transportation Engineering and Career Opportunities”** to Civil students.
- **11th March 2011:** **Mr.M.Harish Babu,** Asst. Manager, AIMIL, Hyderabad, delivered a guest lecture on **“Total Station Applications”** to Civil Students.
- **7th April 2011:****Prof. P. Jayaprakash Rao** (Chairman), AP State Council of Higher Education, visited the campus as a Chief Guest for **MIPSCON-2011** Inaugural function.
- **9th April 2011:** **Prof.Ganapathi Panda,** Deputy Director, IIT Bhubaneswar visited the campus as a Chief Guest for **MIPSCON-2011** valedictory function.
- **11th April 2011:** **Prof.K.Satya Prasad, Rector,** JNTUK-Kakinada visited the campus as a Chief Guest for **“College Annual Day – 2011”**.
- **11th April 2011:** **Ms.Pujari Sailaja,** common wealth Gold Medalist in Weight Lifting visited our campus as a Chief Guest for **“Sports Day-2011”**.
- **19th and 20th April 2011:** **Mr.K.Pandu Ranga Rao,** Lead Auditor, AQA, Hyderabad **Mr.P.N.Reddy,** Auditor, AQA, Hyderabad visited the campus for **ISO auditing 2011-12**

ACHIEVEMENT

- **17th February 2011:** GMRIT received Rs.25,000 as a grant from CSIR for International Conference on “**Machine Intelligence Applications to Power, Signal Processing Communication and Control**” scheduled on 7th to 9th April 2011.
- **25th February 2011:** GMRIT received Rs.15,000 as fund from JNTUK for organizing NSS camp at GMRIT.
- **24th April 2011:** Dr.CLVRSV Prasad, Principal, attended a NAAC award Ceremony at Bangalore and received NAAC Accreditation Certificate.
- **Mr.P.Ramana** (EEE) published a text book titled “**Electrical Circuit Analysis**” by Reem Publications India Pvt Ltd., - New Delhi – National Publishers.
- **19th April 2011:** GMRIT received Rs. “**6.29 lakhs**” as a grant for Civil department from AICTE for SDP title of the program: “**Condition Assessment and Retrofitting of Concrete Structures**”
- **23rd April 2011:** GMRIT received Rs. “**8.00 lakhs**” as a grant from AICTE for EDC(Entrepreneurship Development Cell”)
- **Mrs.R.Siva Ranjani** (CSE) & **Mr.N.Sridhar** (IT) published a text book titled “**Web Technologies**”, by Reem Publications India Pvt Ltd., - New Delhi – National Publishers

WORKSHOPS

- **4th to 7th March 2011:** Department of CSE conducted **IBM RAD Certification workshop** for faculty

- **28th to 31st March 2011:** Department of CSE conducted **3day workshop on “IBM RSA & Rational Suite”** for faculty
- **17th March 2011:** Department of EEE conducted one day **demo on SCADA Software** for EEE faculty by **Mr. Selvan** (Product Engineer), KLG Systel Ltd.,
- **7th to 9th April 2011:** Departments of ECE, EEE, IT and CSE jointly organized an International Conference on “**Machine Intelligence Application to Power, Signal Processing, Communication and Control (MIPSCON-2011)**”. 120 technical papers were presented in the conference (100 from other colleges 20 from Internal members)
- **29th and 30th March 2011:** Departments of EEE and ECE conducted two day Training Programme on **LABVIEW Software** for EEE and ECE faculty by **Mr. Rakshit Jain**, Cranes Software international Limited, Bangalore.

ACADEMIC ACHIVEMENTS

Technical Paper Publication in Conferences

- **3rd to 7th January 2011:** Mr.PN.Singh presented two papers on “**Solution to the wave equation for the Vibration of L-Shaped membrane**” & “**Interesting manipulations of complex variables**” as Invited Speaker in Indian Science Congress-2011 held at Chennai.
- **03rd to 07th January 2011:** Dr. R.Suryanarayana presented a paper “**Non-Linear Kronecker Product Lypunov System, Existence, Uniqueness and Sensitivity Analysis**” organized by “98th Indian Science Congress -2011 at SRM University, Chennai.

- **11th and 12th February 2011:** Mr.CH. Kannam Naidu, S.Chandra Mouli and Dr. G. Venkata Rao presented a paper titled **“Remote Sensing and Geographical Information system (RS & GIS) for Rainwater Harvesting: A Case Study”** at Department of Geophysics, Andhra University, Vizag.
- **21st to 23rd March 2011:** Mr.G.Swain presented papers on **“A Robust Image Steganography Technique Using Dynamic Embedding with Two Least Significant Bits”** & **“ A Dynamic Approach to Image Steganography using the three least significant Bits & Extended Hill Cipher”** in 2011 IEEE International Conference on Control, Robotics & Cybernetics (ICCRC 2011) held at New Delhi, India
- **21-23rd March 2011 :**Dr. M.Krishna Prasad presented a paper on **“Removal of Cr (II) from aqueous Solution using immobilized *Rhizomucor Tauricus* and Spectroscopic Characterization”** during world Congress on Biotechnology, Hyderabad, India
- **24th and 25th March 2011:** Mr.B.NiranjanaRao, Ms. P.Kalpana, Mr. M.Gangadhar and Mr.V.Srinivasa Rao presented a paper on **“Overview on desalination and water purification methods”** at the International Symposium on Desalination, drinking water quality in rural areas, drought mitigation and water reuse **“InDACON2011”** at the Department of Engineering Chemistry, JNTU- K, Vizianagaram, Andhra Pradesh.
- **29th & 30th March 2011:** Mr.S.Chandra Mouli, presented a paper on **“Comparison of Reliabilities based on Binary Logic and Fuzzy Logic in an Optimal Design of a water Distribution Network for Municipal Water Supply”** in National Seminar at GITAM University, Visakhapatnam
- **29th and 30th April 2011:** Mr.S.Chandra Mouli, presented a paper on **“Optimal Irrigation Scheduling using Cropwat for the Command area ybder SLBC”** in National Seminar conducted by GITAM University, Visakhapatnam.
- **29th and 30th April 2011:** Sri B.Ravi Kiran, Ms A.L Prasanthi, Sri T Prabhakar and Smt G Vijayasanthi presented paper on " Analysis of Parabolic Reflector for its Effective Design" in National Conference conducted by Vijnan's Lara Institute of Technology & Science, Vadlamudi, Guntur District

PUBLISHED IN JOURNALS

- Mrs. P.Kalpana published a paper **“Adsorptive Removal Of Cadmium (II) Ion From Aqueous Solution Using Plant Biomass in chemical technology an Indian Journal, Vol. 6 Issue 1, 2011.**
- Mrs. P.Kalpana published a paper on **“Comparative Study on the Adsorption Kinetics of Cd (II) and Cu(II) Metal Ions onto Eggshell Powder”** in The IUP Journal of Chemical Engineering, Volume 3, No:1,2011.
- Prof. B. I. Neelgar published a paper in International journal of Electronics and Communication, IRP House titled **“Impedance Characteristics of Yagi-Uda Antenna”** -February 2011.
- Sri. G. Manmadha Rao published a paper in International Journal **“New approach to MFR Design with Alpha Beta filters of Smart Home, Volume-5 No.1, 2011 in Science and Engineering support Society, Republic of Korea.**

- Sri T.Prabhakar, Sri V.Jagan Naveen, Ms AL Prasanthi and Ms G Vijayasanthi published a paper in International Journal -IJDIP titled " **Blurred Free Wavelet Based Image Fusion Analysis**" International Journal of Digital Image Processing, Vol-3, No-1, January 2011.
- Mr.S.Chandra Mouli published a paper on "**Reliability based Optimal Design of water Distribution Network for Municipal Water Supply**" in International Journal of Engineering and Technology (IJET); P.P. 13-19, 0975 - 4024
- Mr. V.Jagan Naveen published a paper on "**ICI reduction Using extended coalman filter and in ofdm system**" in International Journal of IJCA, Volume No.17, Number, 7, March -2011
- Dr. M.Gangadhar published a paper on "**Mass Transfer in Circular Tube with Square Grooved Serrated Disc as Turbulence Promoter**", International Journal of Chemical Engineering Research (IJChER), Volume 2, Number 3, 2010 PP: 335-344.
- Dr. M.Gangadhar published a paper on "**Fluid Friction in Square Grooved Serrated Disc Inserted Tube**", International Journal of Applied Engineering Research (IAER), Volume 5, Number 21-22, 2010 PP: 3585-3594.
- **31st Jan to 5th February 2011:** Ms.PNL Pavani (Mech) attended short term training program on "**Micromachining - A Breakthrough Technology**" at IIT Madras.
- **22nd to 24th January 2011** Mr. M. Venkateswara Rao & P. Ramana attended a 3-day National Symposium on "**Evolutionary Computing Techniques for Power Control & Drives**" at GITAM, Visakhapatnam.
- **09th January 2011:** Dr. M. Krishna Prasad (Chem) attended a One day **Sponge Iron Conference** conducted at SDS Autonomous College of Arts and Applied Sciences, Shreeramnagar, Vizianagaram. (Dept)
- **25th January 2011:** Mr. P.S.Sagar dept of chemical has attended a Mission 10X initiative for reorientation and Experience Sharig session at GVP College of Engg. Visakhapatnam.
- **31st Jan to 5th February 2011:** Mr V. Venkata Ramana (Civil) attended an STC on "**GIS and Remote Sensing Techniques for Water Resources Assessment**" at IIT Madras, Chennai
- **25th and 26th February 2011:** Mr.T.Prabhakar (ECE) attended The National Workshop on "**Advances in Signal and Image Processing**" at JNTU College of Engineering, Kakinada.
- **24th February 2011:** Dr. M. Srinivasa Rao (Mech) attended an International Conference on **Conditioning Monitoring** and received an Institutional membership certificate from **CMSI**, India at GITAM University, Visakhapatnam.

WORKSHOPS ATTENDED

- **28th to 31st January 2011:** Mr.P.Ramesh Babu (Mech) attended an International workshop on "**Experimental Investigation on emission and combustion by implementing 100% palm Ices Methyl Ester on VCR DI Diesel Engine**" at VNIT, Nagpur.

- **25th & 26th February 2011:** Dr.VJJ Prasad (Mech) attended as a judge for paper presentation conducted by AITAM, Tekkali.
- **26th to 28th February 2011:** Sri J. Vasudeva Rao (CSE) presented a paper on **“Distributed Database Access using Mobile Agents”** in CSI National Seminar at Visakhapatnam.
- **9th to 11th March 2011:** Dr. CLVRSV. Prasad attended a conference on **“Emerging Directions in Global Education EDGE-2011”** conducted by Edge forum at New Delhi.
- **28th to 30th March 2011:** Dr. CLVRSV. Prasad attended a 3 day **“Academic Leadership Shop”** conducted by Wipro as part of **MISSION 10X** initiative at Hyderabad
- **24th and 25th March 2011:** Dr.K.Gouru Naidu & Dr.M.V.Subba Rao (BSH) attended a workshop on **“International Symposium on Desalination, Drinking water quality in rural areas, draught mitigation and water reuse”** at JNTU College of Engineering, Vizianagaram.
- **21st March 2011:** P.Devendra & P. Ramana (EEE) attended one day workshop on **“Solar Photo Voltaic Installation”** at Vignan’s Institute of Information Technology, Vizag.
- **15th and 16th March 2011:** Mr. M.Venkateswara Rao (EEE) attended technical paper presentation at AITAM, Tekkali as a judge.
- **25th and 26th March 2011:** Mr. D.Ravi Prasad (Civil) attended a workshop on **“Engineering Pedagogy Development”** conducted by HSC Bangalore.
- **26th April 2011:** Mrs. Geetha.R.B, Mrs. K.Sudha (IT) attended a workshop on **“Women empowerment through awareness of Health, Hygiene & Nutrition”** and release of the book **“Adolescent Girl’s Health”** conducted by JNTU, Kakinada
- **15th & 16th April 2011:** Mr.GVSS.Sharma presented a paper on **“Expression for Mean Fluctuation Velocity Bearing Surfaces”** in National Conference on “Recent Trends in applications of Mathematics of Science and Technology” conducted by GITAM, Visakhapatnam.

DEPARTMENTWISE ACTIVITIES

Civil Engineering:

- **19th February 2011:** 3rd year Civil students visited Gotta Barrage.
- The department conducted various events under ISTE, IE and CSI.

Computer Science Engineering:

- The Department of CSE conducted **Debate, Creative Story Writing and Seminar** by faculty under ISTE Students Chapter and the event **“ESTUDIO”** was conducted under CSI students activities
- The department of CSE conducted various events like **Overview of JDBC, Distributed Database Access Using Mobile Agents, Logic Mania** under CSI Students chapter.

Electrical & Electronics Engineering:

- **5th February 2011:** The department of EEE conducted a Friendly Cricket Match between III Year EEE-A Students and members of faculty..
- The department of EEE conducted various events like **Story Writing** under ISTE and IE Chapters

Chemical Engineering.

- **19th & 26th February 2011:** 1st and 3rd year chemical students visited Trimex India and Vizag Steel Plant

Mechanical Engineering

- **24th & 25th February 2011:** First year mechanical students of the department visited to NSTL, Visakhapatnam.

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- Mr. Srinivasa Naidu (CSE) and Mr. K. Pardhasaradhi (EEE) represented **JNTU All India Inter University Athletics tournament** held at Acharya Nagarjuna University, Guntur from 30th December, 2010 to 4th January 2011.
- Mr. K. Prasanth Sharma (CSE) represented in **JNTU All India Inter university hand ball tournament** held at SRMT University, Maharashtra from 20th to 25th January 2011.
- **19th January 2011:** 6 Mechanical students presented 3 papers in **Greentech-2011** conducted by MVGR College of Engineering, Vizianagaram..

- **7th January 2011:** 28 IT students presented 13 papers in **Indian Science Congress-2011** held at SRM University, Chennai.
- **23rd January, 2011:** A Team of 30 students of 3rd year IT from "**E Plus Club**" got Second Prize in Group Discussion and Consolation Prize for Website Designing at Raghu Engg. College, Visakhapatnam.
- **19th February 2011:** R.Sangamitra, 3rd Chemical Engineering represented JNTU-K in the **South Zone Inter University Table Tennis Tournament** held at Visweswarayya Technological University, Belgaum.
- **22nd and 23rd March 2011:** 11 EEE students (II & III B Tech) have participated in Paper Presentation held at Raghu Engineering College, Visakhapatnam on 22nd & 23rd February 2011.
- **6th to 8th Mar, 2011:** In **JNTUK Inter Collegiate Zonal** meet for girls Ms.R.Neelima (4th ECE), Ms.P.Aruna (4th ECE), Ms.R.Sangamitra(3rd Chemical) won 1st prize in "**Table Tennis**"
- **6th to 8th Mar, 2011:** In **JNTUK Inter Collegiate Zonal** meet for girls Ms.G.Bindu Priyanka (3rd CSE), Ms.D.Saritha (3rd CSE), Ms.A.Sailaja (2nd ECE), Ms.V.Neelima (2nd ME), Ms.B.D.Bhavani (2nd ECE), Ms.K.S.Laxmi (2nd ECE), Ms.G.Mutyalamma (3rd CSE), Ms.Ch.Madhuri (3rd CSE) won 2nd Prize in "**Volleyball**"
- **6th to 8th Mar, 2011:** In **JNTUK Inter Collegiate Zonal** meet for girls Ms.P.Prudha Pallavi(4th ECE), Ms.B.Nagamani (4th IT), Ms.T.Indumathi (3rd CSE), Ms.G.Mutyalamma (3rd CSE) won 2nd Prize in "**Badminton(Shuttle)**"

- **24th to 26th March 2011:** In **JNTUK Inter Collegiate Zonal** meet for boys Mr. P.Srinivasa Naidu (3rd CSE), Mr. K.S.Pardasaradhi (2nd EEE), Mr. S.Goutham (2nd CSE), Mr. P.S.Kiran (1st EEE) got 1st position in “**4X100 Mts. Relay**”
- **GMRIT Football team** got 1st Prize.
- Mr. P.Srinivasa Naidu (3rd CSE) got 2nd Prize in “**100 Mts. Relay**”; Mr. P.S.Kiran(1st EEE) got 2nd prize in “**Javelin Throw**”; K.S.Pardasaradhi (2nd EEE) got 3rd Prize in “**200 Mts Relay**”, Mr. S.Goutham (2nd CSE) got 3rd Prize in “**Tripple Jump**”
- **7th and 8th March 2011:** GMRIT team got 1st Prize in “**Basket Ball**” conducted at Sri. Sivani College of Engineering, Etcherla
- **15th March 2011:** Mr. GLV Mahesh IV ECE got “**1st Prize** ” in “**KREATIV**” event WISSANAIRE'11 at IIT Bhubaneswar, Orissa

NEW RECRUITMENTS

- Mr. K.Srinivasa Rao, Associate Professor of Physics in the department of Basic Sciences & Humanities.
- Mr. KVR Ravi Sankar, Associate Professor in Civil department.
- Mr. A.Sudhakar, Associate Professor in Mechanical Engineering.

Training & Placement

- 2011 batch, 316 placements in January – April 2011.

The following companies visited the campus for recruitments:

- * TCS
- * IBM
- * Infosys
- * Birla Soft
- * Wipro
- * HCL Technologies
- * Mahindra Satyam
- * BSPCL
- * Persistent Systems
- * L & T
- * Honeywell
- * GMR Power -NPTI

- 30 hours Campus Recruitment Training programmes conducted for 630 students.
- 4 hours cultural workshop was conducted for 560 students.
- 6 hours per week CAT-2011 & GRE classes were offered – 36 students opted.
- Cultural Workshop – InSync was conducted for the 2nd year B.Tech students. No of students participated – 560.
- Phase 1 of CRT training programmes was conducted for the final year B.Tech & MCA students. A total of 630 students underwent the training.
- Team, TCS interacted with TCS selected students from 2011 batch on 24th March 2011
- Training Programme on **Motivation and Goal Setting** by Mr. Gampa Nageswara Rao was conducted for all the I Year B Tech. students.
- **30th March 2011:** Students of B.Engg (Aircraft)-2010 batch attended a video conference sessions by Perth College.

FORTHCOMING EVENTS

- SDP on "CONDITION ASSESSMENT AND RETROFITTING OF CONCRETE STRUCTURES" from 30th May-11 th June sanctioned by AICTE and organized by the Department of Civil Engineering.



Dr CLVRSV Prasad, Principal of GMRIT has received NACC Certificate from authorities.