



**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, 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

#### **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
- MCA

### **INSTITUTE RELATED**

- **03<sup>rd</sup> Sep, 2011:** Prof. Rao Vemuri University of California ,DAVIS,CA,USA address on **"Research options in Engg.;** Sustainable Development; Climate Change; Environmental Studies" to all the faculty.
- **5<sup>th</sup> Sep, 2011:** GMRIT celebrated **"Teacher's Day"** on event of **Sri.Sarvepalli Radha Krishna Birthday** and honored best performing teacher at Department level.
- **15<sup>th</sup> Sep, 2011:** GMRIT celebrated **"44<sup>th</sup> Engineers Day celebrations"** on event of **Bharat Ratna Sir Mokshagundam Visvesvaraya, 151<sup>th</sup> Birthday .**
- GMRIT got **"CSI Performance Award"** 2010-11 from CSI Vizag Chapter.
- **23<sup>rd</sup> Sep, 2011:** NSS wing of GMRIT in association with Indian red cross society

organized **Blood Donation Camp** held at GMRIT.

- **27<sup>th</sup> Sep, 2011:** GMRIT-EDC conducting a One-Day “**Medium Enterprise Development Programme**” In association with A. P. Productivity Council, Visakhapatnam.
- **11<sup>th</sup> Nov:** Rob Chell, International Director, City of Glasgow College, visited the campus to explore the scope for collaborations.
- 1<sup>st</sup> year local (Rajam) parents meeting held on 2<sup>nd</sup> Nov, 2011.
- Autonomous mock inspection held on 3<sup>rd</sup> Nov, 2011.
- GMRIT Alumni meet held at Hyderabad on 6<sup>th</sup> Nov, 2011.

## ACHIEVEMENT

- Ranked among the top 24 Emerging Engineering Colleges of Excellence by CSR. All India Ranking 71 by Outlook. Graded AA+ by Careers 360.
- GMRIT CSI Students branch adjudged best performance award for the year 2010-11 at National level.

## WORKSHOPS

- **19<sup>th</sup> and 20<sup>th</sup> Sep, 2011:** GMRIT conducted a 2 day Advanced workshop **Mission 10X**” for 48 GMRIT faculty members.
- **22<sup>nd</sup> and 23<sup>rd</sup> Nov:** Conducted a faculty training program on “**Faculty Motivation Skills**” by Dr.V.Raghunathan, CEO, GMRVF. 87 faculty members attended.

- **18<sup>th</sup> & 19<sup>th</sup> Nov:** A Two day National workshop on “**Advanced Communication Systems and Networks (ACSAN-2011)**” was conducted by ECE dept.
- **25<sup>th</sup> & 26<sup>th</sup> Nov, 2011:** Department of IT & CSE jointly organized a Two-Day National Workshop on “**Data Mining using Clementine Work Bench**”.
- **25<sup>th</sup> & 26<sup>th</sup> Nov:** Civil & Mechanical Jointly organized A Two Day National Workshop on “**Advanced Applications of FEM in Mechanical and Civil Engineering Systems**”.
- **23<sup>rd</sup> to 30<sup>th</sup> Nov:** Department of BS&H conducted a workshop on “**Energy Conversation awareness**” for 1<sup>st</sup> year students under ‘**Akshay Urja Club**’, GMRIT.
- **15<sup>th</sup> Nov :** Conducted a Seminar on “**PERSONAL HYGIENE & BEHAVIORAL PROBLEMS OF ADOLESCENCE**” By Dr. N. ANURADHA (Care Hospital) for 1<sup>st</sup> B.Tech Girl Students under **Women Empowerment cell, GMRIT**

## ACADEMIC ACHIVEMENTS

### Technical Paper Publication in Conferences

- **28<sup>th</sup> to 30<sup>th</sup> Sep, 2011:** Dr. KVR. Ravi Shankar presented a paper on “**Lane changing behavior in mixed traffic: lane based or not-lane based**” in International Conference on Advances in Materials and Techniques for Infrastructure Development (AMTID 2011) at NIT Calicut.

- **22<sup>nd</sup> to 24<sup>th</sup> Sep, 2011:** T. Prabhakar presented a paper on **“Closed Planar Shape classification using non-linear alignment”** in IEEE international conference on Recent Advances in Intelligent Computational Systems, Thiruvanthapuram, India.
- **24<sup>th</sup> Sep, 2011:** Mr.T.P.Dash presented a paper on **“TEACHING ENGLISH SPECIFICALLY WITH A PURPOSE : AN APPROPRIATE APPROACH ”** & Mr. K. R. Surendran presented a paper on **“ESP : CHALLENGES AND STRATEGIES IN TEACHING TECHNICAL WRITING TO LEARNING ”** in a National conference organized by GITAM University, Visakhapatnam.
- **30<sup>th</sup> Sep & 1<sup>st</sup> Oct, 2011:** Mr. B. Niranjana Rao, presented a paper on **“Production of Biodiesel from Renewable Biological sources as tomorrow's fuel”** at the Twenty Seven National Convention of Chemical Engineers on **“ Bio –Fuels towards Energy Security and Environment Protection”** at The Institution of Engineers (India), Visakhapatnam.
- **Dr. VJJ Prasad** presented a Paper on **“Micro Algae as the Dependable Source for Energy Security”** **Mr.V.Rambabu** presented a Paper on **“Performance and Emission Analysis of DI Diesel Engine Using 100% Linseed Methyl Ester Along with Methanol as Fuel”**: organize by National Convention of Chemical Engineers at IEI Convention local centre, VSP on 30<sup>th</sup> Sept & 01<sup>st</sup> October,2011.
- **Ms.S.Vani kumari & Ms.K.Srividya** published a paper on **“Digital Image Compression using Huffman Encoding : A Lossless method”** in the National Conference on Data Modeling, Image Analysis and Pattern Recognition (DMIAPR – 2011) at GITAM University, Visakhapatnam during 31<sup>st</sup> September to 1<sup>st</sup> October 2011.
- **Mr. V. Venkata Ramana**, Presented a paper on **“An Accuracy Evaluation OF ASTAR DEM”** in International Conference DMIAPR-2011, conducted by GITAM University, VSP on 30<sup>th</sup> September & 1<sup>st</sup> October, 2011.
- **Sri.J.Venkata Suman, Sri T.Prabhakar** presented a paper on **“Finger Print Recognition using Minutiae Extraction for Bank lock security”** at National Conference on Advances in Communications and Electrical Engineering, (NCACEE-11) at Regency Institute of technology, Yanam 11<sup>th</sup> Nov 2011
- **Dr.M.V.Subba Rao**, presented a paper on **“Assessment of Quality of water at Srikurmam-Srikakulam District”** **Mr.A.Ganapathi Rao**, presented a paper on **“Matrices for the standard representation of symmetric group by transforming Young Tableaux”** Presented in **AP Science Congress, 201”** conference at GITAM Institute of science, GITAM University, Visakhapatnam from 14<sup>th</sup> to 16<sup>th</sup> Nov.
- **Dr.K.Srinivas** presented a paper on **“A complete analysis and simulations of superconducting quantum interference device (SQUID) logic gates and memory cells”** at SHAURYA, CRPF Officer's Institute, Vasant Kunj, New Delhi 110070 from 16<sup>th</sup> to 18<sup>th</sup> Nov.
- **Mr.K.Sundara Kumar, S.Chandra Mouli**, presented an International Journal on **Spatial Distribution and Multiple Linear Regressions Modeling of Ground Water Quality with Geostatistics** of Applied Engineering Research, Research India Publications ISSN 0973-4562 Volume 6, Number 24 (2011) pp. 2719-2730,
- **Mr. J.S.V.Siva Kumar, & Mr. M. Rambabu**. Presented a paper on **“Model Reference Adaptive Controller-Based Speed and Q-axis Inductance Estimation for Permanent Magnet Synchronous**

**Motor Drive by Utilizing Reactive Power”.**

- **Mr. P.Devendra** presented a paper on **“Sensorless Control of Brushless DC Motor Using Adaptive Neuro Fuzzy Inference Algorithm”** . In the IEEE International Conference on Energy, Automation and Signal” (ICEAS 2011) at Institute of Technical Education and Research Siksha “O” Anusandhan Deemed University , Bhubaneswar, Odisha, India from **28<sup>th</sup> to 30<sup>th</sup> Dec, 2011**
- **Mr.G.Swain**, presented a paper on **“LSB array Based Image Steganography Technique by Exploring the four least significant Bits” & “A better RGB Based Image steganography Technique”** in International Conference Obcom-2011, at VIT University, Vellore, India on 9<sup>th</sup> and 10<sup>th</sup> Dec, 2011.
- **Mr.N.Sridhar**, published a paper **“Plethora of Cyber Forensics”** in International Journal (IJACSA) vol:2, no:11, 2011 page no 110 to 114.
- **Mrs.I.Sri Lakshmi**, presented a paper on **IMPROVING EFFICIENCY OF E-MAIL SPAM FILTER USING USER FEEDBACK”** at ANITS-VSP 19<sup>th</sup> Dec, 2011
- **T.Prabhakar & Dr.Birendra Biswal** presented a paper on **“Security of Image in Multimedia Applications”** IEEE International Conference on Energy Automation and Energy.(ICEAS) Siksah O Anusandhan University Khandagiri Square, Bhubaneswar, Orissa,India. 28th -30th Dec, 2011. IEEE Explore Conference Proceedings.
- **T. Prabhakar & Birendra Biswal** presented a paper on **“Design and Analysis of Multimedia Communication System”** pp 193-197 ICoAC-2011,in 3<sup>rd</sup> International Conference on Advanced Computing organized by Department of Computer Technology ,Anna University, MITCampus Chromepet, Chennai from , 4<sup>th</sup> to 16 December,2011.
- **Mrs.S.Vani Kumari** presented a paper on **“Datamining using Genetic Algorithms: A Comparative Study”** in the International Conference on swarm, Evolutionary & Memetic Computing (SEMCCO – 2011) at ANITS, Visakhapatnam from 19<sup>th</sup> to 21<sup>st</sup> December, 2011.
- **Mr. V.Srinadh & Mrs. K.Srividya** presented a paper on **“Improving Efficiency of Email Spam Filter Using User Feedback”** in the International Conference on Swarm, Evolutionary & Memetic Computing (SEMCCO – 2011) from 19<sup>th</sup> to 21<sup>st</sup> December, 2011 at ANITS, Visakhapatnam.
- **Mr D.K.Bebarta & Mr. Ajit Kumar Rout** presented a paper on **“Efficient Prediction of Stock Market Indices using Adaptive Neural Network”** in the International Conference on Soft Computing for Problem Solving (SocProS – 2011) from 20<sup>th</sup> to 22<sup>nd</sup> December, 2011 at The Institution of Engineers (INDIA) IITR Campus, Roorkee.
- **Mr.T.Prabhakar, Dr B.Biswal and Mr.J Venkatasuman** presented a paper on **“Channel encoding and decoding in Wi-Max”** International conference at RNS Institute of technology, Bangalore on 30<sup>th</sup> & 31<sup>st</sup> Dec 2011.
- **Sri.D.V.Ramana, Mr.Ch.Babjiprasad and Mr.D.Suresh** published a paper on **“Fractional Novel Digital Differentiator and Integrator”** at BVC Engineering Colllege, Odalarevu, E.G Dist, on 3<sup>rd</sup> and 4<sup>th</sup> Dec 2011.
- **Dr.R.Suryanarayana** presented a paper on **“Inequalities and limits for the Generalised Gamma, Beta Function”** in International conference at

STOCHASTIC MODELLING AND SIMULATION, VEL TECH University from 15<sup>th</sup> to 17<sup>th</sup> Dec, 2011.

- **Dr.D.Srinivasa Kumar** presented a paper on “**Impact of Emerging Markets: Indian Life Insurance Sector**” in International conference at 64th All India Commerce Conference Organized by the Department of Commerce, School of Management, Pondicherry University, Pondicherry from 13<sup>th</sup> to 15<sup>th</sup> Dec, 2011.
- **Ms. G. Kalyani and Mr. H. Joga Rao** have presented a paper entitled “**Impact of Climatic Change on the Quantity and Quality of Water**” in EEEE-2011, International Symposium, held during 23<sup>rd</sup> & 24<sup>th</sup> December, 2011 at Dept. of Engg. Chemistry, AU College of Engg. A.U., Visakhapatnam
- **Mr. R. Srikanth** has presented a paper entitled “**Carbon Dioxide Separation Technologies : Use of membranes**” in EEEE-2011, International Symposium, held during 23<sup>rd</sup> & 24<sup>th</sup> December, 2011 at Dept. of Engg. Chemistry, AU College of Engg. A.U., Visakhapatnam
- **Mr. R. Srikanth, Mr. V. Srinivasa Rao, Mr. M. Gangadhar and Mr. B. Niranjana Rao** have presented a paper entitled “**Overview on Waste Water Treatment Methods**” in EEEE-2011, International Symposium, held during 23<sup>rd</sup> & 24<sup>th</sup> December, 2011 at Dept. of Engg. Chemistry, AU College of Engg. A.U., Visakhapatnam
- **Mr. R. Srikanth**, has presented a paper entitled “**Bioreactors for Waste Water Treatment**” in EEEE-2011, International Symposium, held during 23<sup>rd</sup> & 24<sup>th</sup> December, 2011 at Dept. of Engg. Chemistry, AU College of Engg. A.U., Visakhapatnam
- **Mr. P. Satya Sagar**, has presented a paper entitled “**Biodegradation of Phenol in a Packed Bed Bioreactor**

using **Immobilized Nocardia Hydrocarbonoxydans**” in EEEE-2011, International Symposium, held during 23<sup>rd</sup> & 24<sup>th</sup> December, 2011 at Dept. of Engg. Chemistry, AU College of Engg. A.U., Visakhapatnam

## PUBLISHED IN JOURNALS

- **P.Ramana,,** published a paper on ‘**Design Of Full Order Observer For VSI Fed PMSM Drive**’ in International Journal of Emerging Sciences (IJES), Volume-1, Issue-3, September-2011.
- **T.Prabhakar, A.L.Prasanthi and G.Vijayasanthi** published a paper on “**Design and Analysis of Parabolic Reflector with High Gain Pencil Beam and Low side lobes by Varying feed**” International Journal Advanced Networking and Applications Volume: 03, Issue: 02, Pages: 1105-1115 (2011).
- **Prof B.I.Neelgar** published a paper on “**Radiation and gain characteristics of log periodic antenna**” International Journal on Communications Antenna and Propagation , Vol.1, No.3 June 2011.
- **T.Prabhakar, V Jagan Naveen, ALPrasanthi & G.Vijayasanthi** published a paper on “**Image Compression Using DCT and Wavelet Transformations**” International Journal of Signal Processing, Image Processing and Pattern Recognition SERSC, Vol. 4, No. 3, September, 2011.
- **T.Prabhakar** published a paper on “**Analysis of Mobile user inside the building**” International Journal on Communications Antenna and Propagation , Vol.1, Issue.2 April 2011.
- **Prof.M.V.Nageswara Rao** published a paper on “**Design of Polyphase sequences using-PSOCM for target detection with cross Ambiguity function**” International Journal on

Communications Antenna and Propagation , Vol.1, Issue.2 April 2011.

- **P.Devendra**, published a paper on ‘**Speed control of Four-Switch BLDC Motor Drive**’ in International Journal of Research and Reviews in Electrical and Computer Engineering (IJRRECE) Vol. 1, No. 3, September 2011.
- **Mrs.P.Kalpna** 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.
- **Mrs. R.Sivaranjani** published a paper titled “**Current Trends in Group Key Management**” in the International Journal of IJACSA, Vol-2, Nov, 2011 page No. 82-86.
- **Dr.D.Srinivasa Kumar** published a paper on “**Housing finance system in India – An Empirical Analysis**” in National Journal of Global Journal of Arts & Management in December 2011, Vol.1 issue 4 pp : 11-15.
- Dr.R.L.Naidu published paper with title “**LRS Bianchi type-II Universe with cosmic strings and bulk viscosity in a scalar tensor theory of gravitation**” in International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-011-0942-0.
- Dr.R.L.Naidu published paper with title “**LRS Bianchi type-II dark energy model in a scalar-tensor theory of gravitation**” in International Journal of Astrophysics and Space Science, DOI 10.1007/s10509-011-0935-z.
- B.Satyanarayana published a paper on “**LRS Bianchi type-II Universe with cosmic strings and bulk viscosity in a scalar tensor theory of gravitation**” in International Journal of Astrophysics

and Space Science, DOI 10.1007/s10509-011-0942-0.

- B.Satyanarayana published a paper on “**LRS Bianchi type-II dark energy model in a scalar-tensor theory of gravitation**” in International Journal of Astrophysics and Space Science in December 2011, DOI 10.1007/s10509-011-0935-z.
- **Mr.P.Ramana** (EEE) Published a Text book titled “**Electrical Circuit Analysis**” Reem Publications India PVT Ltd., - New Delhi – National Publishers.
- **Mrs.R.Siva Ranjani**(CSE) & **Mr.N.Sridhar**(IT) Published a Text book titled “**Web Technologies**”, Reem Publications India PVT Ltd., - New Delhi – National Publishers.
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## WORKSHOPS ATTENDED

- **23<sup>rd</sup> to 25<sup>th</sup> Sep, 2011:** Mr. B.H.H. Babu, Mr. Ch.V.S.S.Murthy, Mr.T.Butchinnaidu, Smt B.Snehalatha, Mr.M.Saptagiri (ECE & EEE Lab Technicians) Attended Certificate Course on “**Electrical & Electronics Laboratory Equipment Maintenance and Service**”, Conducted by Department of Systems Design, Andhra University, Visakhapatnam.
- Mr.M.Satish(IT) attended a workshop on “**Young IT Professional Awards 2011**” conducted by CSI-Visakhapatnam Chapter at Visakhapatnam on 16<sup>th</sup> Oct, 2011.
- Mr.A.V.Ramana & Mr.M.Balajee Mr.M.Ramachandra, & Ms.R.Madhuri attended a 3 Day Workshop on “**Multicore Computing: Hands on Exposure to Practical OPEN MP Programming**” organized by Dept. of

IT&CSE, AITAM, Tekkali from 20<sup>th</sup> to 22<sup>nd</sup> October 2011.

- Dr.K.Srinivas attended a National Workshop on **“NANO SCIENCE AND TECHNOLOGY FOR DEVICE APPLICATIONS”** – NSTDA - 2011 organized by Nano Science and Technology, K.L.University Guntur on 31<sup>st</sup> Oct, 2011.
- **Prof M.V.Nageswara Rao, Mr GBSR Naidu, Mr D.Srinivasa Rao and Mr D.Venkata Ramana** attended workshop on **“Matlab and its applications in Communication and Signal Processing”** at AU college of Engg., Visakhapatnam on 12<sup>th</sup> & 13<sup>th</sup> Nov.
- **28<sup>th</sup> Nov to 02<sup>nd</sup> Dec, 2011:** Mrs.I.Sri Lakshmi, Mr.M.Satish, Mr.P.Srihari, Mr.R.Anil Kumar, Mr.G.Veeraraju, Asst.Professors attended a Five-day Workshop on **“IBM-RAD”** organized by GVP College of Engg., VSP.
- **17<sup>th</sup> and 18<sup>th</sup> Dec, 2011:** Mr. M.Venkateswara Rao, Mr. P. Devendra, Attended a Two Day National Workshop on **“Artificial Intelligence Techniques in Engineering Applications-2011”** conducted by MVGR College of Engineering, Vizianagaram.
- **28<sup>th</sup> to 30<sup>th</sup> Dec, 2011:** P. Devendra Assoc. Prof Attended a **“IEEE International Conference on Energy, Automation and Signal”** (ICEAS 2011) at Institute of Technical Education and Research Siksha “O” Anusandhan Deemed to be University”, Bhubaneswar, Odisha, India.
- **28<sup>th</sup> Nov to 1<sup>st</sup> Dec, 2011:** Mr. Srinivasan Nagaraj, Mr. K.Koteswara Rao, Mr. G.Narasinga Rao, Mr. M.Ramachandra, attended Faculty Development Program on **“Rational Application Developer 7.0 in Collaboration with IBM”** held at GVP College of Engineering, Visakhapatnam.
- **17<sup>th</sup> to 24<sup>th</sup> Dec, 2011:** Mr. M.Ramakrishna Murthy attended a certification course on **“Foundations of Effective Software Development”** conducted by IIT, Hyderabad.
- **1<sup>st</sup> to 3<sup>rd</sup> Dec, 2011:** Sri J.Vasudeva Rao attended a **“CSI Annual National Convention”** held at IIM & AMA, Ahmedabad.
- **Ms. G. Kalyani** has Participated in the faculty Development Programme on **“Materials Present and Future Perspectives”** organized by Department of Chemistry, NITC During 12<sup>th</sup> to 16<sup>th</sup> December 2011, Sponsored by AICTE
- **09<sup>th</sup> and 10<sup>th</sup> Dec, 2011:** Mr.P.Devipradeep and Mr P.Ravikumar attended workshop on **“Recent trends in Microwave Engineering and Fiber optic communication”** conducted by P.V.P Siddhartha Institute of technology, Vijayawada.
- **23<sup>rd</sup> and 24<sup>th</sup> Dec, 2011:** Mr. L.Govinda Rao attended a two day national workshop on **“Analog IC Design”** conducted by Dept of ECE, Vignan’s Institute of Engineering for Women, Visakhapatnam.
- **22<sup>nd</sup> and 23<sup>rd</sup> Dec, 2011:** Mr.K.Chiranjeevi attended a two day national workshop on **“Latest technologies in Electronics and Communications”** conducted by MVGR College of Engg., Vizianagaram.
- **12<sup>th</sup> to 23<sup>rd</sup> Dec, 2011:** Mr B.Anil Kumar attend Advanced faculty training program on **Embedded Systems** conducted by C-DAC, Hyderabad during 12<sup>th</sup> – 23<sup>rd</sup> Dec 2011.
- **20<sup>th</sup> and 21<sup>st</sup> Dec, 2011:** Mr. M Santhi Kumar, attended an international workshop on **“Study of Journal Bearing to Findout Failure during**

**startup**” conducted by AET – AME Noida

- **12<sup>th</sup> to 16<sup>th</sup> Dec, 2011:** Dr.K.Srinivas attended a Faculty Development Programme on **Materials – Present and Future perspectives**” conducted by Department of Chemistry, National of Technology, Calicut.
- **23<sup>rd</sup> and 24<sup>th</sup> Dec, 2011:** Dr.M.P.Srinivasa Rao & Dr.,K.Koteswara Rao, attended a workshop on **Current Trends in Nanoscience and Technology** “ conducted by NIT Warangal.

## DEPARTMENT WISE ACTIVITIES

### Dept. of Civil Engg.

- **30<sup>th</sup> Sep, 2011:** Department of Civil conducted a ADD-on-Course on **“Water Pumping Systems @ GHIAL”** to 4<sup>th</sup> Chem and Civil students.
- **13<sup>th</sup> Sep, 2011:** Mr.K.Srinivas, Consultant and Manager Techno soft, VSP delivered a lecture on **“GIS, Remote Sensing and Auto CAD”** to Civil faculty, 3<sup>rd</sup>, 4<sup>th</sup> B.Tech and M.Tech students.

### Dept. of Chem. Engg.

- **24<sup>th</sup> Sep, 2011:** Department of Chem conducted **“Logo Presentation”** under ISTE activities.
- **30<sup>th</sup> Sep, 2011:** Department of Chem conducted a ADD-on-Course on **“Water Pumping Systems @ GHIAL”** to 4<sup>th</sup> Chem and Civil students.
- **12<sup>th</sup> Sep, 2011:** Mr. G. Sridhar, Manager- Quality Control, VTC Surface Technologies (P) LYC Team Leader (Sap Consultant) delivered a lecture on **“opportunities of chemical engineers**

**in software field”** to 4<sup>th</sup> Chemical students.

### Dept. of CSE

- Department of CSE conducted **“Interaction with TCS selected students” “Automated Metrics for Machine Translation Evaluation & Matricks”** under ISTE and CSI activities.
- Department of CSE conducted **“Smart Board for Smart Learners” & “GMRIIT PHOTO EXPO”** competitions under CSI and ISTE chapter.
- **30<sup>th</sup> Sep, 2011:** Dr.Krishna Mohan, IIT-Hyderabad delivered a lecture on **“Pattern Recognition Techniques”** on to 3<sup>rd</sup>, 4<sup>th</sup> B.Tech and 2<sup>nd</sup> MCA Students.

### Dept. of ECE

- Department of ECE conducted **“Seminar Presentation Contest”** , **“Group Discussion”**, **“Mathlogic Tricks”** under ISTE and IE students chapter.
- **2<sup>nd</sup> Dec, 2011:** Prof. K.Rajarajeswari, BOS Chairman, Dept of ECE, AUCE, Visakhapatnam delivered a guest lecture on **‘Pulse Compression Codes for Range Resolution Radar’** for III & IV year ECE students.

### Dept. of EEE

- **15<sup>th</sup> Sep, 2011:** Dept. of EEE Conducted events on **“Painting & Group Discussion” & “crossword”** under ISTE students chapter .
- Department of EEE conducted Various events (**STORY WRITING**)under ISTE and IE Chapters
- **17<sup>th</sup> Dec, 2011:** Department of EEE conducted a **“Technical Quiz”** ISTE Event.
- **9<sup>th</sup> Sep, 2011:** Dr. Sarath Kumar Sahu, Prof., Dept. of EEE, MVGR College of

Engineering, Vizianagaram delivered a lecture on '**MATLAB Applications in Electrical Engineering**' for 3<sup>rd</sup> & 4<sup>th</sup> year EEE students.

- **1<sup>st</sup> Oct, 2011:** A. Venkata Ramana, Associate General Manager – Technical Services, GMR Hyderabad International Airport Ltd. Delivered a guest lecture on **Airfield Ground Lighting** to 3<sup>rd</sup> and 4<sup>th</sup> Year EEE students.

### Dept. of IT

- **21<sup>st</sup> Sep, 2011:** Department of IT Conducted event on "**MATHLOGIC**" to B.Tech., & MCA students under ISTE students chapter.
- **1<sup>st</sup> October, 2011:** Department of IT conducted the first student centric workshop in GMRIT on "**ETHICAL HACKING**" under CSI activities.
- **24<sup>th</sup> Dec, 2011:** Department of IT Conducted a seminar on "**DATA SECURITY FOR VIRTUAL DATA CENTERS BY COMMUTATIVE KEY**" under CSI activity.
- **09<sup>th</sup> Sep, 2011:** Prof. P.Sanyasi Naidu, GITAM University, Visakhapatnam delivered a lecture on "**Data Structures and its Applications**" to 2<sup>nd</sup> IT and 2<sup>nd</sup> MCA students .
- **10<sup>th</sup> Oct, 2011:** Mr.Murali Krishna, HSBC-UK delivered a guest lecture on "**Overview in Industry Oriented Projects**" to IT students.

### Dept. of Mechanical Engineering

- **24<sup>th</sup> & 25<sup>th</sup> Feb, 2011:** Mechanical students Visited to NSTL, Visakhapatnam.

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- **23<sup>rd</sup> and 24<sup>th</sup> Sep, 2011:** 60 CSE students attended **28<sup>th</sup> National Student Convention** (CSI) held at GIET, Rajahmundry.
- **23<sup>rd</sup> & 24<sup>th</sup> Sep, 2011:** Venkata Krishna,(2<sup>nd</sup> CSE) got **1<sup>st</sup> Prize** in the event "**LAN GAMING**"
- **3 ECE** students attended a National conference at MIC college of Engineering and NIT warangal
- **4 Mechanical** students attended a National conference at NIT warangal.
- **26<sup>th</sup> to 28<sup>th</sup> Sep, 2011:** V.Neelima (3<sup>rd</sup> Mech) & Ch.Anshuli (3<sup>rd</sup> CSE) represented JNTU in the **inter University Kabaddi tournament** held at Tamilnadu.
- Sowjanya, Sashidhar and Shravan Kumar(3<sup>rd</sup> CSE) got **3<sup>rd</sup> Prize** in "**paper presentation**" in the 28<sup>th</sup> National Student Convention (CSI) held at GIET, Rajahmundry.
- **1<sup>st</sup> to 7<sup>th</sup> October, 2011:** G.Vamis Krishna(2<sup>nd</sup> MECH), M.Sunil Kumar(4<sup>th</sup> CSE), BS.Kalyan 3<sup>rd</sup> Mech, represented JNTU south zone inter university "**Football**" tournament held at University of Kerala, Trivendram, Kerala State.
- **10<sup>th</sup> to 12<sup>th</sup> October, 2011:** R.Sangamitra (4<sup>th</sup> Chem) represented JNTU south zone inter university "**Table Tennis**" championship held at Amrita Viswa Vidya peetam university Koimbatore, Tamilnadu.
- Mr. B.Tarunkumar, 3<sup>rd</sup> Mechanical, won **1<sup>st</sup> Prize** in paper presentation on "**Clean Air Technologies for Sustainable Development**" One Day National Symposium ENVIRONS'11 organized by MVGR College of Engg, Vizianagaram on 1<sup>st</sup> October, 2011

- The Following students attended “**CSI Annual National Convention**” held at IIM & AMA, Ahmedabad during **1<sup>st</sup> to 3<sup>rd</sup> December, 2011**. S.Sai Prasad IIIrd B.Tech CSE-B, V.Buddhadev IIIrd B.Tech CSE-B.
- 32 chemical students presented 19 papers at MITS odissa, CHEMERGENVE’II, TSEC at mumbai & Andhra University, VSP.
- **22<sup>nd</sup> Dec, 2011**: one Mechanical student presented a paper at AITAM, Tekkali.
- One ECE student presented a paper at CR Reddy college of Engineering, Eluru.
- **20<sup>th</sup> Dec, 2011**: 7 Students (II-IT) were presented 4 papers in “**VIKALPA-11**” held at AITAM Tekkali,
- K.S.P.Saradhi (3<sup>rd</sup> EEE) represented JNTUK in the All india Inter University **Athletic championship** conducted by Rajiv Gandhi University of Health science, Bangalore from 17<sup>th</sup> to 21<sup>st</sup> Dec, 2011.
- Mr.P.Prabhakar III Mech, Mr.K.Uday Kumar (4<sup>th</sup> chem) represented JNTUK in the south zone Inter university **Hockey championship** conducted by anna University, Tirunelvalli, Tamil Nadu from 16<sup>th</sup> to 21<sup>st</sup> Dec, 2011.
- **Ms. B. Jyotshna**, Asst. Prof., CE.
- **Mr. Jagadeesh Raj**, Asst. Prof., ECE.
- **Ms. T. Venkata Sylaja**, Asst. Prof., ME.
- **Mr. I. Ravi Kiran**, Asst. Prof. EEE.
- **Mrs. Y. Chittamma**, Asst. Prof. EEE.
- **Mr. B. Venkata Suresh**, Asst. Prof., ME
- **Mr. B. Satish Babu**, Asst. Prof., EEE.
- **Mr. D.Y.V. Prasad**, Asst. Prof., ECE.
- **Mrs. CBK Nivedita**, Asst. Prof., EEE.
- **Ms. G. Uma Madhuri**, Asst. Prof., ECE.
- **Mrs. P. Pushpa Latha**, Asst. Prof. CSE
- **Ms. Ch. Deepika**, Asst. Prof., CE.
- **Mr. S. Sricharana**, Asst. Prof. CE.
- **Mr. ChYNLVA Ayyappa**, Asst. Prof. CE
- **Mr. P. Kiran**, Asst. Prof., EEE.
- **Mr. G. Mahidra Nath**, Asst. Prof. ME.
- **Mr. N. Aditya Sundar**, Asst. Prof. CSE.
- **Mr. G. Satish**, Asso. Prof., EEE.
- **Mr. D. Venkata Rao**, Asst. Prof. ME.
- **Dr. B.N.D. Narasinga Rao**, Prof. CE.
- **Mr. S.Chiranjeeva Rao**, Asst. Prof. ME.

## NEW RECRUITMENTS

- **Mr.P.S. Rao**, Asst. Prof, ME.
- **Mr.Ch. Sateesh**, Asst. Prof., ME.
- **Ms.Y.Shireesha**, Asst. Prof., ME.
- **Ms.J.Pushpalatha**,Asst. Prof., ME.
- **Mr. P. Sekhara Rao**, Asst. Prof., BS&H.
- **Mr.D.Kantha Rao**, Asst. Prof., BS&H

## Training & Placement

- Continuation for the 2011 batch, 353 placements as on Dec’– 2011.
- Continuation for the 2012 batch, 230 placements as on Dec’– 2011.

**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
- 
- **Mr. K Suryanarayana** - Academic Relations, TCS for 1<sup>st</sup> year on 'How to plan/Prepare themselves over 4 year for a successful professional career in Engineering'.
  - **Dr. Sowjanya Vijiapurapu**- GMR Energy, for 2<sup>nd</sup> year Mechanical and EEE on 'Engineering Education for 21<sup>st</sup> Century and Engineering Careers'
  - **Dr. Sowjanya Vijiapurapu**,- GMR Energy, 3rd year Mechanical and EEE on 'The Future Engineer- Enhancing your Career Options'
  - **Mr J V Murthy**, Mechanical Engineer from REC, Rourkela & Management professional, for 3<sup>rd</sup> year on the "Importance of Communication Skills in Engineering".
  - 48 hours Campus Recruitment Training for all the Final year B Tech, MCA & M Tech students.
  - 16 hours Technical Training by GMRIT faculty for all the Final year B Tech, MCA & M Tech students.
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- 22 hours of Personality Development & Communication Skills sessions by Team TPC for 3<sup>rd</sup> year B Tech students.
  - The coaching classes for CAT-2012 and GRE are ongoing and 56 Students are attending the same.
  - Launched 8 E Plus clubs for the 3<sup>rd</sup> year students during the month..
  - **Mr. Jitendra Gokhale**, Business Head, **Persistent Systems Ltd** interacted with the Third Year Students over Video Conference on 14<sup>th</sup> Oct'11 on "**Industry expectations**".
  - Team from Indian Army visited the campus for the Initial screening on 15<sup>th</sup> Oct'11. 180 students attended the initial screening process and 27 students will be recommended for the SSB.
  - The coaching classes for CAT-2012 and GRE are ongoing and 56 Students are attending the same.
  - Team TPC co-ordinated & organized the Alumni Meet at Hyderabad on 6<sup>th</sup> Nov, 2011. Invited company representatives to participate.
  - Team TPC visited Hyderabad, Orissa, Kolkatta and Pune to meet companies.
  - CfBT Education Resource Management Private Ltd initiated the language assessment process for all the II & III Year B.Tech Students - 1200 students.
  - A Seminar on Motivation to II Year B.Tech Students by Mr.Yendamuri Veerendranadh & Dr.B V Pattabhiram for 4 days – 700 students / 16 hrs each.
  - 655 students of 1<sup>st</sup> year @ 12 hrs a week on Non-Verbal Communication & Goal Setting.

- **Mr.A S Viswanathan**, Executive Vice Princident, ATOS Ltd., (formerly SIEMENS) interacted with the II & III Year ECE Students on 'Smart Cities' over V-C.
- **Mr. Raaj Kumar**, CEO, GMR Power interacted with the III Year EEE & Mech Students on 'Energy & Power Industry, the new developments and the students' requirements to be a part of the industry" over V-C

## FORTHCOMING EVENTS

- A Two-day National Seminar on "**Advances in Wireless Technologies**" on 2nd & 3rd March, 2012 organized department of CSE.