



**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 648 students. It has seen five 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 in Power & Industrial Drives.

## 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)
- MCA

## INSTITUTE RELATED

**Padmasri Dr.Sivathanupillai**, Chief Executive Officer and Managing Director of BrahMos Aerospace, has been awarded an honorary doctorate (*honoris causa*) by Petersburg State St.Marine Technical University (SMTU) in the Russian Federation. He has also been conferred the prestigious Dr Y. Nayudamma Memorial Award for 2007. He is also the Chief Controller (R&D), Defence Research and Development Organization (DRDO), he has played a vital role in bringing together the Indo-Russian BrahMos project and its expansion. **Padmasri Dr.Sivathanupillai** visited our campus on 26th February, 08. He addressed the students and staff and enlightened on **Chandraman** Project for our Indian army.



Padmasri Dr.Sivathanupillai address the gathering



Padmasri Dr.Sivathanupillai with staff

- \* Honorable Member of Parliament of Naziabad, Mr.Madhuyashke visited our campus on 15<sup>th</sup> January, 08.
- \* Sri N.Kodanda Ramayya, All India Volleyball Federation Vice President visited our campus on 29th March, 08.
- \* Sri P V S Ganesh Kumar, Additional Director, NSTL, Visakhapatnam, delivered a Guest Lecture on "*Vibration and its control*" to IIIrd Mechanical students on 15/03/2008.
- \* Sri.P.B.C.Kumar, Engineer (R&D) - Control systems, Control Digital Tech, Bangalore delivered a guest lecture on "**Advances in Modern Control Systems**" to the IIIrd year (EEE & ECE) students on 12th March, 08.

- \* Mr.K.Sreedhara Babu, Manager-Operations, Arbitu Computers & Consultants Pvt. Ltd., Pune delivered a Guest Lecture on "Bio Metrics "to IIIrd year (IT & ECE) students on 28.03.08.
- \* Dr.N.Darga Kumar, Asst.Professor, J.N.T.U, Kakinada delivered a guest lecture on "In-Situ Evaluation of Dynamic soil Parameters" to Civil Engineering faculty and students on 21.04.08.
- \* A One day Technical Training Workshop for the CSE/IT/ECE Faculty in "**Java / J2EE & Web Technologies**" was conducted by Mr.Pradeep Raghunadhan of TCS on 15th Feb, 08

## ACHIEVEMENT

- \* Ms.Goel Deepika Agarwal and Mr.Sri Harsha were adjudged as "**Best Outgoing Students**" of all JNTU Affiliated Colleges for the academic year 2006-07 in the branches of Civil Engg & Chem Engg. respectively.

## WORKSHOPS

- \* A Two day National Workshop on "**Total Station Basics & Applications**" was conducted at Department of Civil Engineering, GMR Institute of Technology, Rajam on 24-25th January 2008.
- \* Department of IT & CSE conducted a two day National workshop on "Soft Computing Applications" on 8<sup>th</sup> and 9<sup>th</sup> February,08.
- \* Department of ECE & EEE conducted a two day workshop on "Applications of Microprocessors & Microcontrollers" on 18th - 19th Feb,08.
- \* Department of Mechanical Engg & Chemical Engg conducted a Two-Day National Workshop on "Nanotechnology-Its Applications" on 22nd - 23rd Feb, 08.

- \* A Two-day National Workshop on "Information Technology and Its Impact on Engineering college libraries" was conducted by the Central Library on 15th and 16th February, 08.
- \* Mr.Pradeep Raghunadhan of TCS conducted Technical Training Workshop for the CSE/IT/ECE Faculty in "Java / J2EE & Web Technologies" on 15 Feb, 08,
- \* A two-day workshop on "GMR Values and Beliefs" was conducted by GMR Group, for the Staff of GMRIT on 27th & 28<sup>th</sup>, 2008.
- \* A two-day workshop on "*Behavioral Skills*" was conducted twice by GMR Group for the non-teaching staff of GMRIT in this month on 07<sup>th</sup> & 08<sup>th</sup> and 14<sup>th</sup> & 15<sup>th</sup>.
- \* A Two day training programme on "*P-Spice Software Package*" was conducted by Mr. Nanda Kishore, a Software expert in Advanced Micronics Devices, Hyderabad for the Departments of ECE and EEE on 23rd and 24th April, 08.

## ACADEMIC ACHIVEMENTS

- \* Dr.V.Viswanadham delivered an expert talk on "***Modern Vs Conventional Surveying***" for Two day National workshop on "***Total Station Basics & Applications***" on 24-25th January, 2008 at Department of Civil Engineering, GMR Institute of Technology.
- \* Sri.V.K.Chakravarthi & Sri B.Sai Chakravarthi delivered an expert talk on "***Areas with Digital Planimeter***" for Two-day National workshop on "***Total Station Basics & Applications***" on 24-25th January 2008 at Department of Civil Engineering, GMR Institute of Technology, and Rajam.
- \* Sri.V.Venkata Ramana delivered an expert talk on "***Introduction to GPS***" for Two-day National workshop on "***Total Station Basics & Applications***" in the Department of Civil

Engineering, GMR Institute of Technology, Rajam, on 24-25th January, 2008.

## Technical Paper Publication in Conferences

- \* Mr.B.Kishore, Asst Professor (IT) has published a paper titled "***Applications of Genetic Algorithm***" in a *National Conference on Emerging Trends* in Information Technology at PES college of Engg. Aurangabad on 28th & 29th January, 08.
- \* Mr.V.K.Chakravarthi published a paper entitled "***Stability of basal reinforced embankments under oblique pull of sheet reinforcement***" at Symposium on Engineering of Ground & Environmental Geotechniques.(SEG2), Hyderabad during 29th February & 1st March, 2008.
- \* Dr.Y.Prasanna Kumar, has presented a paper entitled "***Removal of Fluoride using Ulva Fasciata.sp***" & "***Nanotechnology: The Future is coming sooner than that you think***" at a National level Conference-INDACON organized by Dept of chemical Engg. AU College of Engg. AU, Visakhapatnam on 28th & 29th Feb, 08
- \* Mr.P.Ramana published a book on "***Control Systems***" Right Publishers.
- \* Mr.N.B.Soni, Associate Prof. of EEE deptt. qualified the Energy examination conducted by Bureau of Energy efficiency, Ministry of Power, New Delhi.
- \* Mr.A.Prasad, Mr.G.Babu Rao of Chemical Engg deptt. have presented a paper on Recent trends in Chemical Engineering: "***Bio sorption of Cadmium Using Cocos Nucifara.L***" at National Level Conference CHEMVIGOR-08 organised by Vignan College of Engineering, Vadlamudi on 15th March, 08.
- \* Dr.Y.Prasanna Kumar, Ms.G.Kalyani, Ms.P.Kalpana, Mr.G.Babu Rao and Mr.H.Joga Rao of Chemical Engg deptt. have presented a paper on "***Removal of Fluoride***

- on Ulva Faciata.sp.:-a marine algae***" at National Level Conference CHEMVIGOR-08 organised by Vignan College of Engineering, Vadlamudi on 15th March, 08.
- \* Mr.D.G.Padhan(EEE) presented a paper on "Optimal Biding Strategies for steam turbine Generators" & Prof.F.A.Naik & P.Ramana(EEE) presented a paper on ***"Perfromance Analysis of the variable*** organized by Andhra University, Visakhapatnam on 13th - 15th March,08
  - \* Mr.S.N.Das has presented a paper on ***"Micro & Nono Technology advances & implication"*** at National Level Conference organized by Kanchi University, Kanchipuram on 21-22nd March, 08.
  - \* Mr.T.N.Shankar presented a paper titled ***"Cryptography with Elliptic Curves"***, International conference held at Anuradha Engg. College, Maharashtra on 21st to 22nd February, 08.
  - \* Mr.M.V.Nageswara Rao & Mr G.Manmadha Rao presented a paper on ***"Ternary pulse compression sequence generation and its sidelobe reduction techniques"*** at the International Conference on Systematic, Cybermetics and Infromatics (ICSCI-08), Hyderabad, India held on 2nd to 05th January, 2008.
  - \* Mr.V.Jagan Naveen & Mr.Murali Krishna Presented two papers on ***"Performance comparison of wiener filter and CLS filter on 2d signals"*** & ***"Inter carrier interference reduction of ofdm using Kalman filter"*** at the International Conference on Systemetics, Cybernetics and Informatics (ICSCI-08), Hyderabad, India held on 2nd January, 2008.
  - \* Mr.D.Tirumala Rao presented & published a paper on ***"Complementary and Sub complementary pulse compression sequences - India MST Radar observations"*** at the International conference on Systemics Cybernetics and Informatics (ICSCI-08), Hyderabad, India held on 2nd January, 08.

- \* Mr.Md.Hidayatullah, HOD-IT, attended a TEQIP Sponsored National Workshop on ***"Business Intelligence"*** at JNTU College Of Engg, Kakinada in collaboration with TCS from 09-01-2008 to 11-01-2008.

## PUBLISHED IN JOURNALS

- \* Mr.S.N.Das & Mr.P.S.Sagar, Asst. Prof. of Chemical Engg. Published an article on ***"Adscription of Zinc metal from paper mills waste water by activated Carbon prepared from Shorea Robusta leaf litter"*** in ***"Nature Environment and pollution Technology"***, Techno Science Publications Volume 7;no 1, Pp-117-22, 2008.

## WORKSHOPS ATTENDED

- \* Dr.V.Viswanadham & Mr.V.K.Chakravarthi attended a one day International Workshop on ***"Concrete Fibre Composites, Special Concretes and Structures (IWCSS-2008)"***, on 11th February'08 organized by Department of Civil Engineering, JNTU, College of Engineering, Kakinada.
- \* Mr.V.K.Chakravarthi attended a Symposium on ***"Engineering of Ground & Environmental Geotechniques (S EG<sup>2</sup>), Hyderabad"*** during 29th February- 1 March, 08 organized by Department of Civil Engineering, JNTU, Hyderabad.
- \* Prof.V.Viswanadham attended the Regional Pollution Control Board Meeting at Vizianagaram on 27/02/2008.
- \* Ms.M.Lavanya (Mech) attended A Workshop on ***"MATLAB"***, organized by GVP College of Engineering, Visakhapatnam, during 18th to 20th Feb,08.
- \* Sri G.Swain(IT) & Sri Ajit Kumar Rout(CSE) attended a 2 day Faculty Development Program on ***"Train the Trainers"*** by M/s L & T InfoTech, Bangalore on 5th & 6th Feb,08.

- \* Ms.G.Anuradha (CSE) attended a National Workshop on **"Data Mining and Business Intelligence"** conducted at VIIT, Visakhapatnam from 01.02.2008 to 02.02.2008
- \* Dr.K.Venkata Rao(Principal) attended PRINCIPALS MEET and workshop on **"Quality Assurance in Technical Education through ISO Certification"** conducted JNTU, Kakinada on 25th March,08.
- \* Mr.N.Sridhar(IT) & Mr.G.Srinivasa Rao(System Administrator) attended a workshop on **"Cisco Education Day"** conducted by School of Information Technology, JNTU, Kakinada on 19th March, 08.
- \* Mr.Md.Hidayatullah, Associate Prof. & Head, IT attended the HODs meet for AP Region conducted by Tata Consultancy Services Ltd., as part of their Academic Initiative Programme at Hyderabad on 15th Feb, 08.
- \* Mr.GVSS.Sharma(ME) attended a workshop on **"Development of Cutting Tool Technologies & Its Relevance to the Indian Industry"** organized by NIT, Warangal on 29th February to 1st March, 08.
- \* Mr.V.Rambabu (Mech) attended a workshop on **"Recent Advances in Internal combustion engines (RAICE - 2008)"** at NIT, Warangal on 28-30th March, 08.
- \* Prof.B.I.Neelgar, HOD,ECE Deptt, attended a workshop on **"Reduction of Power Dissipation in Sequential Circuits"** in International conference on Embedded Systems & VLSI Design at P.D.V.V.P College of Engineering, Ahmed Nagar, Maharashtra on 20th & 21st March, 08.

## DEPARTMENT WISE ACTIVITIES

### Dept. of Civil Engg.

- \* Civil department conducted a Two day National Workshop on **"Total Station Basics & Applications"** on 24-25th January, 2008 at

Department of Civil Engineering, GMR Institute of Technology, Rajam.

- \* Department of Civil Engineering inaugurated student's chapter of Institution of Engineers (India) on 21.04.08 by Dr.N.Darga Kumar, Asst.Professor, J.N.T.U Kakinada.

### Dept. of CSE

- \* Department of CSE conducted a two day National workshop on **"Soft Computing Applications"** during 8th and 9th Feb,08
- \* Mr.B.Ramakrishna, Project Manager, Cramster Solutions, Visakhapatnam delivered a guest lecture on **".Net Technologies"** to CSE students on 05th January, 2008.

### Dept. of ECE

- \* Department of ECE conducted a two-day workshop on **"Applications of Microprocessors & Microcontrollers"** on 18th - 19th Feb, 08.
- \* Mr.K.Sreedhara Babu, Manager-Operations, Arbitu Computers & Consultants Pvt. Ltd., Pune delivered a Guest Lecture on "Bio Metrics "to Illrd - ECE students on 28.03.08.
- \* Dr.P.R.K.Rao Director, ANITS, Visakhapatnam delivered a guest lecture on **"Fundamentals of Digital Signal Processing"** & **"Advanced Digital Signal Processing-Multirate Signal Processing"** to all the III & IV ECE students on 24th Jan,2008.
- \* Sri.P.B.C.Kumar, R & D Engineer - Control systems, Control Digital Tech, Bangalore delivered a guest lecture on "Advances in Modern Control Systems" to Illrd – ECE students on 12th March, 08.

- \* Department of ECE conducted **"Circuit Design Contest"** as a ECDA activity on 10.04.2008 in which 34 Circuits were demonstrated by the students. Three best Circuits were selected 1) Remote Control Robot 2) a)Communication through Light

b) Quiz Buzzer 3. a) Mobile Bug b) Parallel Technology Secrecy.

### Dept. of IT

- \* Department of IT conducted a two day National workshop on **"Soft Computing Applications"** during 8th and 9th Feb, 08
- \* Mr. K. Sreedhara Babu, Manager-Operations, Arbitu Computers & Consultants Pvt. Ltd., Pune delivered a Guest Lecture on "Bio Metrics" to IIIrd - IT students on 28.03.08.

### Dept. of EEE

- \* Department of EEE conducted a two day workshop on **"Applications of Microprocessors & Microcontrollers"** on 18th - 19th Feb, 08.
- \* Dr. P. R. K. Rao Director, ANITS, Visakhapatnam delivered a guest lecture on **"Fundamentals of Digital Signal Processing"** & **"Advanced Digital Signal Processing-Multirate Signal Processing"** to all the III, IV B.Tech(EEE) & M.Tech(EEE) students on 24th Jan, 2008.
- \* Sri. P. B. C. Kumar, R & D Engineer - Control systems, Control Digital Tech, Bangalore delivered a guest lecture on "Advances in Modern Control Systems" to IIIrd - EEE students on 12th March, 08.

### Dept. of Chem. Engg.

- \* Department of Chemical Engg. conducted a Two-Day National Workshop on **"Nanotechnology-Its Applications"** on 22nd - 23rd Feb, 08.

### Dept. of Mechanical Engineering

- \* Sri. P. Bharani Chandra Kumar, R & D Engineer - Control systems, Control Digital Tech, Bangalore delivered a guest lecture on "Control System Design of Ramjet Engines" & "MAT LAB" to IIIrd Mechanical Students on 11th & 12th March, 08.

\* Department of Mechanical Engineering conducted a Two-Day National Workshop on **"Nanotechnology-Its Applications"** on 22nd - 23rd Feb, 08.

\* Sri P V S Ganesh Kumar, additional director, NSTL, Visakhapatnam, delivered Guest Lecture on "Vibration and its control" to IIIrd year Mechanical students on 15/03/2008.

### Library

\* Central Library conducted a Two-day National Workshop on **"Information Technology and Its Impact on Engineering college libraries"** on 15th and 16th February 08.

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

- \* Ms. C. Swathi & Ms. GL Lavanya students of III(IT) have won 1st prize in student paper contest, Paper titled **"Nano Robots"** on 30th & 31st Jan, 08 at Sri Venkateswara Engg. College, Nalgonda.
- \* 06 papers were presented by 12 students of III Year IT in various colleges.
- \* Ms. R. Sahiti & Ms. Y. Sirilatha IIIrd ECE presented paper titled **"Nano Robots"** on **"Electrica 2k8"** held on 15th & 16th February, 2008 in GITAM, Visakhapatnam.
- \* Ms. G. Sravani & Ms. R. Kiran Jyothi of IIIrd ECE presented a paper titled **"Cellular Mobile & Satellite Communications"** on **"Technofest - 2008"** held on 1st - 2nd February, 2008 in Sir C.R.Reddy College of Engineering, Eluru.
- \* Ms. K. Sobha Rani & Ms. VKM Swapna (IIIrd CSE) presented a paper titled **"Embedded Systems"** at GITAM University, Visakhapatnam on 1st & 2nd Feb, 08.
- \* Ms. P. Divya & Ms. K. Ambica of (IIIrd CSE) presented a paper titled **"Micro-Electro Mechanical Systems"** at GITAM University, Visakhapatnam on 15th & 16th February, 08.

- \* Mr.K.Sairaj (II CSE) won 1st prize on "Photography", won 1st prize in **"Jill Jill Jiga"**, **"Right to be Wrong"**, **"Dance(Solo)"** & 1st Prize in **"Combat of words"** held at VR Siddardha Engineering college, Vijayawada on 22nd & 23rd February, 08.
- \* Mr. G.V.D.Kiran & Mr. N.Vidyasagar Lal(II Civil) have presented a paper on **"Earthquake Resistant Structures"**, M.Srinu Rao & D.Venkatesh(II Civil)have presented a paper on **"Automated Highway Systems"** at Vasavi College of Engineering, Hyderabad on 12th & 13th March, 08.
- \* Ms.V.L Lavanya &Ms. L.Sujatha Rani(II Mech) presented a paper on **"Nano Robotics for MicroProduction Technology"** at AITAM Tekkali on 17th March, 08.
- \* Mr.B.Vamsi Bhargava, Mr.B.Srinivasa Rao &J.Srichakra dhar (III ECE) presented a paper on **"Face Recognition using Digital Image Processing"**, Mr.G.Balaji, Mr.P.Surya Prakash & R.M.Deepak(III ECE) presented a paper on **"Clasification in Datamining using neural networks"** in Alacrity-08 ZROTRIYA held on 14th & 15th March, 08.
- \* Ms.P.Bhanu Shilpa & Mr.S.Sravan Kumar(IIICSE)presented a paper on **"Data Mining Techniques"** conducted by JNTU, Hyderabad on 05th March, 08.
- \* Mr.K.Srikanth & Mr.K.Kiran Kumar(IIICSE)presented a paper on **"Mars Exploration Rover Mission Using Java Technology"**, Ch.Rajesh & K.Bhargav & V.Sai Kiran(IIICSE) presented a paper on **"Clustering Techniques for Insurance Data"** conducted by GITAM University, Visakhapatnam held on 14th & 15th March, 08.
- \* Mr.Doris Rachil K & Jhansi Rani.G(IIICSE) presented a paper on **"Finger Print Sensor using MEMS"** conducted by GITAM University, Visakhapatnam held on 15th & 16th March, 08.
- \* Mr.Y.Sudhakar & Mr.Sandeep Kumar(IIICSE) presented a paper on **"Java Technologies in Robotics"**, P.Divya(IIICSE)presented a paper on **"Digital Jewellery under wireless"** at Vasavi College of Engineering, Hyderabad.
- \* Mr.Anil Kumar Prathuru , Mr.Veera Bhadra L Lavanya(II Mech) got 1st Prize for their paper **" Nanorobots"**.
- \* V.SA.S.Narayana Kumar, K , Harish Vathi (III Mech) got 2nd prize for their paper **"A New Approach in IC Engines (CAM less Engines)"** in a paper contest conducted by deparatment of Mechanical Engineering, Rajam on 05th April, 08.
- \* GMRIT students won **"Badminton (Doubles)"** at the Inter Collegiate Tournement conducted by Chaitanya Engg. college at Visakhapatnam 1-1-08.
- \* GMRIT students **"Volleyball"** team was Runner up at the Inter Collegiate Tournment conducted by Chaitanya Engineering College at Vizag.
- \* Mr.A.S.Sarma student of IIIrd CSE & K.Rajesh III EEE Represented the JNTU South Zone inter University **"Foot Ball Tournament"** held at Chidambaram.
- \* K.Sri Harsha IV CSE & P.V.Sagar IV Civil Represented the JNTU South Zone Inter University **"Best Physique Champion ship"** held at Punjab From 14-01-08
- \* K.Nagamani 1st IT represented the JNTU All India Inter University **"Kho-Kho"** Tournment held at Chennai from 06-01-08.
- \* Mr.K.R.C.Murthy III EEE won First Prize in **3000 mt Running**, won 2nd Prize in **8000mt Running** in the event conducted by Godavari Institute of Engineering and Technology, Rajahmundry, from 2nd-4th Feb,08.
- \* GMRIT students **"Throwball"** team was Runner up at JNTU, Kakinada in the event conducted from 19th to 21st Feb, 08.
- \* Mr.A.Raja Gopal III Civil was Runner up in **"Table Tennies"** in the event conducted by JNTU Kakinada from 19th to 21st Feb, 08.

## NEW RECRUITMENTS

- \* Sri G.V.S.Sharma, Joined as Asst. Professor in the Dept. of Mechanical Engineering.
- \* Sri K. Sreenivasulu, Joined as Asst. Professor in the Dept. of Computer Science & Engineering.
- \* Sri Siva Subhrmanyam, Joined as Asso. Professor in the Dept. of Mechanical Engineering.
- \* Dr. M. Murali, Joined as Professor in the Dept. of Civil Engineering.
- \* Dr. Rajeswara Rao, Joined as Professor in the Dept. of Civil Engineering.
- \* Smt. B. Lakshmi, Joined as Asst. Professor in the Dept. of Computer Science & Engineering.
- \* Sri Rabinthra Kumar Sahu, joined as Asst. Professor in the Dept. of EEE.
- \* Sri J. Durga Prasad, joined as Asso. Professor in the Dept. of Civil Engineering.

## Training & Placement

The Infosys Campus Connect sessions-both Soft Skills and Technical classes are conducted addition to the regular T & P classes during the intra-semester break from 11th to 16th Feb,08.

### PLACEMENT : January 2008 to April 2008

Organization	Recruitment
Athena Info	06
Supervalu	01
Nagarjuna Construction Co	04
Vasanth Chemicals	04
M/s Medha Servo Drives	02
M/s UNISYS	08
M/s L G Polymers	02
M/s IBM Tech Support	02
M/S HCL BPO	01
Jenting Lanko	02
Smadurk Infotech	16

## FORTHCOMING EVENTS

Ten Day Staff Development Program sponsored by AICTE, on "SOFT COMPUTING APPLICATION IN DATAMINING" during 09th - 18th May, 08

One week STTP on Emerging Trends on "Electromechanical Energy Conversion" from 5th to 09th May, 08 & A Three day Faculty awareness camp on "Entrepreneurship" from 10th to 12th May, 08



Felicitation to Padmasri Dr.Sivathanupillai



Token of remembrance to Director, NSTL