



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, 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 Engineering
- Electronics and Communication Engg.
- Electrical and Electronics Engineering
- Information Technology
- Mechanical Engineering

P.G. Courses

- M.Tech (Power & Industrial Drives)
- MCA

INSTITUTE RELATED

ISTE Executive Council Meeting

The 88th ISTE Executive Council Meeting was hosted by GMRIT on 14th July 2007. ISTE President Prof. N.R. Shetty, Former President Prof. R.S Nirjar, Vice Presidents Dr. A.A. Ghatol and Prof. N.Ramachandran, Executive Secretary (officiating), Prof. Ranjith Singh, Secretary cum Treasurer, Prof. S. Vidyashankar, Members A.P. section Prof. M. Ramam Rao and Prof. K. Hemachander Reddy and distinguished invitee Prof. K. Bala Veera Reddy attended the same.



88th ISTE Executive Council Meeting held at GMRIT

Guest Lecture

A Guest lecture was delivered by Dr. Bala Veera Reddy, Former Vice-Chancellor, V.T.U, and Belgaum on "e-Campus Concept" for the faculty of GMRIT on 13th July 2007. Dr. CLVRSV Prasad, Vice-Principal, welcomed the gathering; Dr. V.V. Karjinni, Dean introduced the Guest; Dr. K.Venkata Rao, Principal, gave the Presidential remarks and Mr. Nageshwar Rao, Secretary ISTE, proposed the Vote of Thanks.

Workshop on Soft Skills

The ISTE Local Chapter organised a **“Workshop on Soft Skills”** for the faculty of GMRIT and Sri GCSR Degree College from 25th June '07 to 30th June '07. The Resource persons were Mr. T.P. Dash, Mr. K.R. Surendran and Ms.G.Geetha of the Dept. of English, GMRIT.

New Facilities

Prof. Naik, Chairman L & T inaugurated Double Bedroom Staff quarters **‘Sruti & Laya’** on 5th July 2007. Mr. G Mallikarjuna Rao, Chairman, GMR Group graced the occasion.



Train the Trainers Program

A three-day workshop (Train the Trainers program) on **“GMR Values and Beliefs”** (TTT) was conducted from 17th to 19th July at GMRIT, Rajam. Ms. Tara and Ms. Brinda from Bangalore were the facilitators

ACADEMIC ACHIEVEMENTS

Institute - Industry Interaction

* Successfully completed a project on **“Pavement performance Evaluation on modified bitumen surfaces”** for NHA project at Tekkali, A.P for the client M/s

Infrastructure Engineer limited, Bangalore with the coordination of faculty of Civil Engineering Dr V.V.Karjinni, Mr B.Sai Chakravarthi and Mr. V.V.Ramana during May 2007.

* Successfully completed project **“Assesment of quantity of coke pile stock”** at GMR Ferro Alloys Corporation limited, Tekkali with the coordination of faculty Dr V.V.Karjinni, Mr V.K.Chakravarthi and Mr. V.V.Ramana during July 2007.

Technical Paper Published in Conferences:

* Dr. K. Alice Mary & Mr. P. Ramana, faculty of EEE dept., presented a paper on **“Real time control of non-linear motor drive using feedback linearization”** in the National Power Engineering Conference (NPEC 2007) at Thiagarajar College of engineering, Madurai, Tamilnadu on 21st and 22nd June '07.

* Mr. R Umamaheswara Rao and Mr. P.Ramesh Babu, faculty of Mechanical Dept., presented a paper on **“Optimal Control Parameters Selection of HDPE Pipe Extrusion for improving withstanding Pressure”** in the National Conference – ETMI, at Sri Venkateswara University, Tirupati on 29th and 30th June '07.

* Mr. R Umamaheswara Rao and Mr. P.Rameshbabu faculty of Mechanical Dept., presented a paper on **“Optimal Path Selection For pick and place application of SCARA ROBOT by Using GA- Case Studies”** in the National Conference – ETMI, at Sri Venkateswara University, Tirupati on 29th and 30th June '07.

* Ms. R. Sivaranjani faculty of CSE presented a paper on **“Need for Semantic Web in Mobile Adhoc Networks”** at Rajalakshmi Engineering College, Chennai, on 5th and 6th April '07.

- * Ms. R. Sivaranjani, faculty of CSE, and Mr. N.Sridhar, faculty of IT Dept. presented a paper on **“Designing Query Ontology for Multimedia: X Query approach”** at Ujjain Engineering College, Ujjain, on 16th and 17th April ‘07.
- * Mr. K.Rama Rao and Mr. P.Rama Mohan Rao faculty of Civil Dept. presented a paper on **“Ground Water Quality Analysis for Rajam Nagar Panchayat – a Case Study”** at the National Conference on Waste Water Management (NCWWM) organized by JNTU-Kakinada, on 23rd and 24th April 2007.
- * Mr.G.Swain faculty of IT Dept. presented a paper titled **“Study of Performances of Gabor Filter & Circular Gabor Filter in Texture Segmentation”** presented at National Conference on “Emerging Trends in Communication, computing and Networks-2007”, Rajalakshmi Engg College (TN) on 5th and 6th April ‘07.
- * Mr.A.V.Ramana, faculty of CSE Dept. presented a paper on **“Data Mining Analytics for Business Intelligence & Decision Support”** at Jammu on 12th and 13th May ‘07.
- * Mr. Suryanarayana Dash faculty of Chemical Dept. presented a paper on **“Environmental Science & Engineering”** at a seminar organized by Department of Environmental Engineering, Eastern Academy of Science & Technology, Prachivihar, Bhubaneshwar on 10th July ‘07.

Technical Paper Published in Journals

- * Mr. M.S.N.Murthy of Chemical Engg. Dept. published a paper titled **“Wall to bed mass transfer in three phase fluidized beds in the absence and presence of a composite promoter”** in the Chemical Engineering Communications Journal, Vol. 194, issue 8, August 2007, pages 1094 – 1110.

Workshops Attended

- * Dr.V.V.Karjinni, Dean (NI) attended a one day workshop on **“Competency Based Curriculum Design”** organized by JNTU, Kakinada on 8th April ‘07.
- * Mr. P. Vamsi Sagar of BS&H Dept. attended a workshop on **“Recent Advances in Mathematics Applied in Engineering”** at Swarnandhra College of Engineering & Technology from 6th May ‘07 to 8th May ‘07.
- * Mr. N.Sreedhar of BS&H Dept. attended a workshop on **“Recent Advances in Mathematics Applied in Engineering”** at Swarnandhra College of Engineering & Technology from 6th May ‘07 to 8th May ‘07.
- * Mr. N.Sreedhar of BS&H Dept. attended a workshop on **“Application of Mathematical Techniques in Science and Engineering”** at Vallurupalli Nageswara Rao Vignan Jyothi Institute of Engineering & Technology from 27th April ‘07 to 28th April ‘07
- * Mr. B.Sai Chakravarthi of Civil Dept. attended a Short Term Course on **“Recent Advances in Flexible Pavement Engineering”**, organized by department of Civil Engineering, IIT Madras, from 16th to 21st July ‘07.

Intra - Institute Activities

- * Dr.K.Narayanaswamy of Chemical Engg.Dept. delivered a talk on **“Industries needs and Expectations”** to the students of Chemical Engg.
- * Mr. N.Sridhar, Dept. of IT, gave a talk on **“Bio- Informatics”** in a faculty seminar on 28th July ‘07.
- * Department of Mechanical Engineering conducted the valedictory function of Society of Mechanical Engg., Er.D.Ch.V.Ramana murthy, AGM, NTPC, Visakhapatnam,

graced the occasion and gave away prizes to the winners various events.

- * Department of CSE celebrated the valedictory function of the Society of Computer Science on 2nd April '07.
- * Department of Chemical Engg. celebrated its Formation Day on 3rd April '07.
- * Dr. K. Alice Mary, Professor & Head, Dept. of EEE, has been conferred **Senior life membership** (No. 00156151) by **CSI** (Computer Society of India).

DEPARTMENT ACTIVITIES

Dept. of Chemical Engg.

- * The Dept. of chemical Engg.organised a Guest lecture on “Membrane Technology and Applications” by Dr. S. V. Satyanarayana, JNTU College of Engineering, Amateur on 3rd April '07.
- * A Guest lecture was arranged on “Role of Chemical Engineers in Bio-Technology” by Mr. S. Subba Rao, Andhra University, and Visakhapatnam on 13th April '07.

Dept. of Civil Engg.

- * The dept. of Civil Engg. arranged a Guest Lecture on “Engineering, Environment and Man” by Dr.Viswanadham, Former Professor, Department of Civil Engineering, Andhra University, Vizag, on 19th July '07.

Dept. of CSE

- * The dept organized a Guest Lecture on “**Data warehouse concepts**” by Dr.J.V.R. Murthy, Professor & Head, JNTU, and Kakinada on 2nd April '07.

- * A Guest Lecture on “**Multicore Processors**” was given by Dr. R. Govinda Rajulu, Professor & Dean, IIIT, Hyderabad on 24th July '07.

Dept. of ECE

- * The department arranged a Guest Lecture on “**VLSI Trends (Physical Design of IC's & Power Analysis)**” by Mr.L.Madhan Mohan, Design Consultant(IC), AMMOS TECH, and Bangalore for III & IV B.Tech ECE students on 27th June '07.
- * Arranged a Guest Lecture on “Multicore Processing” by Mr Govinda Raju, IIIT Hyderabad for IV B.Tech ECE, CSE & IT students on 27th July '07.

Dept. of EEE

- * A work shop on “**MATLAB for Engineers & Scientists**” for the faculty from 09-07-07 to 13-07-07 was conducted by the department.
- * A Guest lecture was delivered by Prof. F.A. Naik & Mr. N.B. Soni under the banner of SOEEE & ISTE respectively on 21st &27th July 2007.
- * Conducted a work shop on ‘**MATLAB: An approach to do research**’ for final year EEE students.

Department of IT

- * The department of IT along with Dept. of CSE organized a Faculty Development Program on ‘**IBM OPEN SOURCE**’ on 20th & 21st June '07.
- * lumnus of GMRIT to the final year students on 29th June '07.

- * A Talk on “**Carriers in present Chemical Engineering Scenario**” was delivered by Mr. M.Suresh, alumnus of GMRIT to final year students on 10th July ‘07.

Dept. of Mechanical Engineering

- * The dept. organized a Guest lecture on “**Condition Monitoring**” by Mr. P.V.S.G. Kumar, Scientist -F, NSTL, Visakhapatnam on 3rd April ‘07.

CO-CURRICULAR & EXTRA-CURRICULAR ACTIVITIES

- * Ms. Rama Syamala Sreepada and Ms. Madhuri won the First prize for her paper on “**Production of Bio-gas from Kitchen Waste**” in the paper presentation contest on “**Renewable Energy**” held at GMRIT, Rajam on 25th July 2007. At the same time they are selected to represent GMRIT at the State Level Paper Presentation contest to be held at Osmania University, Hyderabad, on 11th August, ‘07, on the occasion of “**Rajiv Gandhi Akshay Urja Divas**”, A National Level Program conducted by Ministry of New & Renewable Energy, Government of India, New Delhi.
- * Mr. Smruti Smarak Nayak and Ms. P. Bindu Madhavi, students of 3rd EEE won the Third Prize for their paper on “**Solar Power-Greening colleges Future Energy Demand**” in the paper presentation contest on “**Renewable Energy**” held at GMRIT, Rajam on 25th July 2007.
- * Mr. R. Anand Kumar and Mr. N.Ch. Pardha Saradhi, students of CSE Dept. presented a paper “**The Atmospheric Vortex Engine**” and won the third prize in the paper

presentation contest on “**Renewable Energy**” held at GMRIT, Rajam on 25th July ‘07.

NEW RECRUITS:

- * Mr. P.H.S. Tejo Murthy, M.Tech. joined as Asst. Prof. in ECE Dept., on 01.05.2007.
- * Mr. G.. Satish Kumar, M.Tech. joined as Asst. Prof. in EEE Dept., on 03.05.2007.
- * Mr. D. Venkata Ramana, M.Tech. joined as Asst. Prof. in ECE Dept., on 10.05.2007.
- * Mr. J.S.V. Siva Kumar, M.Tech. joined as Asst. Prof. in EEE Dept., on 11.05.2007
- * T. Anup Kumar, M.Tech. joined as Assoc. Prof. in Mechanical Dept., on 11.05.2007.
- * Mr. S. Trinadh, M.Tech. joined as Asst. Prof. in EEE Dept., on 14.05.2007.
- * Mr. G. Prasada Rao, M.Tech. joined as Asst. Prof. in Mechanical Dept., on 15.06.2007.
- * Mr. Y. Prasanna Kumar, M.Tech. joined as Asst. Prof. in Chemical Dept., on 16.05.2007.
- * Ms. L. Bhargavi Kumar, M.Tech. joined as Asst. Prof. in CSE Dept., on 23.06.2007.
- * Ms. M. Gayatri, M.Tech. joined as Asst. Prof. in CSE Dept. on 23.06.2007.
- * Mr. T. Pradeep, M.Tech. joined as Asst. Prof. in IT Dept. on 25.06.2007.
- * Mr. D. Srinivasa Kumar, joined as Asst. Prof. in BS&H Dept. on 30.06.2007.
- * Ms. Er. Supriti Malu, M.Tech., joined as Asst. Prof. in CSE Dept. on 10.07.2007.
- * Ms. Ch.S.s. Ranjitha, M.Tech., joined as Asst. Prof. in CSE Dept. on 12.07.2007.
- * Dr. Niranjana Sutar, Ph. D (IITK) joined as Professor in CSE Dept., on 12.07.2007.

Training & Placements

- * Mr. Russell Purushottaman, Resource Manager, HDC, WIPRO addressed the 3rd B.Tech students on **'Preparation for Campus Placements'** on 27th April '07.
- * Mr.Vivekanand Peesapati, Academic Relationship Manager, TCS, addressed the 3rd B.Tech. students on **'the TCS Recruitment Process'** on 15th May'07.
- * Campus Recruitment Training (CRT) sessions were conducted by the faculty from M/s IMS for the TCS Recruitment Drive and by the faculty from TIME for the Infosys Recruitment Drive in May'07. The faculty of GMRIT conducted the Technical Training sessions for both the Campus Recruitment Drives.
- * Ms. Padmini Ravi from M/s In Sync, Bangalore conducted a demo session for III B.Tech students to help the students to enhance their effectiveness through artistic processes on 20th July'07.
- * Regular sessions under Training & Development programs on Communication Skills, Presentations skills, Group discussions, Dressing & Grooming, Attitudes & beliefs, Mock interviews, Personality Development, Spoken English, Interpersonal and social skills are being conducted for II & III & IV year students of all branches for the academic year 2007-08.

PLACEMENTS: April '07 - July '07

2007 Batch	
Organization	Recruitment
HCL BPO	01
Unisys	06
Satyam	05
Sutherland Global	03
GMR Group (GIDL)	12
IBM Help Desk	01
NREPL	05
Vasant Chemicals	02

2008 Batch

Organization	Recruitment
TCS	55
Infosys	26
Virtusa	09
Birlasoft	01
Design Tribe	06
Torry Harris	05
Kenexa	01

- * Special drive by GMR Roads for 2006 & 2007 batch 06.
- * Special invitation drive by M/s Coromandel Fertilisers for 2006 & 2007 batch 02.
- * The cumulative placement for the 2008 batch as on July 31st, 2007 is 103.

FORTHCOMING EVENTS

ISTE National Convention

10th ISTE STUDENTS NATIONAL CONVENTION – 2007

The 10th ISTE Students National Convention will be held at **GMR Institute of Technology, Rajam** on **5th & 6th October 2007**. The theme of the Convention is **"Technical Education Scenario in the Changing Paradigm of Globalisation"** and sub-themes are:

1. TQM in Technical Education to Meet the Global Challenges
2. Innovation and Creativity in the evolution of Technical Education
3. Role of Students in enhancing the Image of Technical Institution
4. Web Based Learning Model
5. Mandatory Internship in Technical Edu.

In addition to National seminar on the theme of the convention, a number of other technical activities have been planned for the students to exhibit their competencies, which are as under:

1) PAPER PRESENTATION

Technical Papers are invited from students on the main theme and the sub-themes. Detailed guidelines for the preparation and submission of the papers, important dates and acceptance schedule are available in the following website:

<http://www.gmrit.org/iste2007>

For any clarification please contact:

Prof. B.I. Neelgar

Email: hod_ece@gmrit.org

Last Date for Paper Submission: 10th Sept. 2007

Intimation of Acceptance : 20th Sept. 2007

2) TECHNICAL QUIZ

Technical quiz competition is being held to test the knowledge pertaining to current and general topics.

For any clarification please contact:

Dr. Alice Mary

Email: hod_eee@gmrit.org

3) PROGRAMMING CONTEST

A team of three students will be asked to solve real-world problems, within a three-hour deadline. C/C++ can be used as the programming language.

For any clarification please contact:

Dr. S. Niranjana

Email: niranjana.s@gmrit.org

4) PROJECT EXHIBITION

In this contest the teams of selected contestants have to exhibit their project work. The best two projects are awarded.

For any clarification please contact:

Prof. P.S. Rao

Email: hod_mech@gmrit.org

For more details of events

please visit the website:

<http://www.gmrit.org/iste2007>

ABOUT THE INSTITUTE

Established in the year 1997 under the aegis of GMR Varalakshmi Foundation, GMR Institute of Technology – part of GMR Group - the infrastructure major, is a self-financing Engineering college approved by the All India Council for Technical Education (AICTE) and affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute is certified for ISO 9001-2000 and FIVE disciplines viz. Chemical, ECE, EEE, IT, Mechanical Departments are accredited by National Board of Accreditation of AICTE, New Delhi.

Located in Rajam, Srikakulam district of Andhra Pradesh, GMRIT provides its learning community state-of-the-art facilities, infrastructure and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real world experiences.

LOCATION

The Institution is located at Rajam Town, which is 100 kms from Visakhapatnam and well connected by bus routes to all major cities and towns of the State. The nearest Railway Stations are at Vizianagaram and Srikakulam Road, which are 45 kms and 35 kms away respectively.

Map



TOURS & TRIPS

The Technical Programmes are scheduled on 5th & 6th October-2007, while 7th October will be purely for visits for the faculty advisors, delegates and VIPs to places like Arasavalli, Srikakulam, Srikurmam.

REGISTRATION FEE

<u>Delegates</u>	<u>Upto 10-09-2007</u>	<u>11th to 20-09-07</u>
ISTE members	Rs. 250.00	Rs. 300.00
Non members	Rs. 300.00	Rs. 350.00
Faculty member	Rs. 500.00	Rs. 600.00

ACCOMMODATION

Accommodation for student delegates/teachers shall be arranged in college hostels/guest house and hotels.

Dr. K. Venkata Rao

Principal & Chairman, 10th National Convention of ISTE Students,

Phones : 08941 -251592/93

Fax :08941 - 251591

Email: kasibhatla.venkatarao@gmrit.org

For further details, please contact:

Prof. Shashikumar G. Totad

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Convener,

Email: hod_cse@gmrit.org

Mobile: 09490345289

Sri. J. Vasudeva Rao

Associate Professor, Dept. of CSE,

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ISTE National Convention
10th ISTE STUDENTS NATIONAL
CONVENTION – 2007
GMR Institute of Technology,
Rajam - 532 127, Srikakulam (Dist.),
Andhra Pradesh
5th & 6th October, 2007

Name : _____

Branch/Year : _____

Institution: _____

ISTE Membership No.: _____

Address : _____

Phone/Fax : _____

e-Mail: _____

Whether Accommodation Needed : _____

Participation Type:

Paper Presentation Technical Quiz

Programming Contest Project Exhibition

Registration Fee Details:

Amounts Rs. _____ DD No. _____

Drawn on _____ Bank _____

(Demand Draft should be drawn in favour of "ISTE Students Chapter - GMRT", payable at SBI/Andhra Bank/ING Vysya Bank; Branch - Rajam)

I hereby agree to abide by the rules & regulations of the Convention.

Date: _____ Signature _____

Place: _____

Recommended & Forwarded:

Office Seal Signature of
Head of the Institute

Note: This form is to be filled by all the participants separately; Photocopies of this Form may be used.