

## INSTITUTION

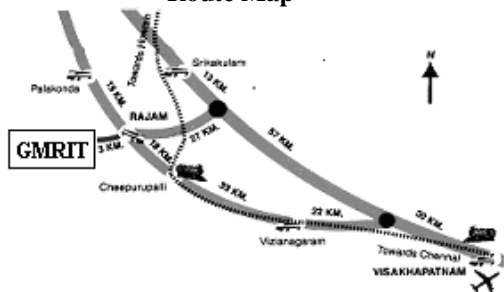
Established in 1997 by GMR Varalakshmi Foundation – the corporate social responsibility arm of GMR Group (<http://gmrgroup.in>), GMR Institute of Technology is a self-financing Engineering college, approved by the All India Council for Technical Education (AICTE) and affiliated to Jawaharlal Nehru Technological University, Kakinada. It is also accredited by NAAC of UGC with A grade, NBA of AICTE and an ISO 9001-2008 Certified Institution. GMRIT offers high quality technical education to aspiring engineers.

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.

## CHEMISTRY DIVISION & THE DEPT OF CHEMICAL ENGINEERING

Equipped with modern analytical tools and facilities for environmental studies, the Chemistry Division in Department of BS&H supports all the other Engineering Departments. Chemical Engineering is accredited by NBA of AICTE, New Delhi. The department has the state-of-the-art infrastructure with well equipped labs and a computer centre and supported by well qualified and experienced faculty members.

### Route Map



## ORGANIZING COMMITTEE

### PATRON

Dr. V. Raghunathan  
CEO- GMR Varalakshmi Foundation

### CHAIRPERSON

Dr. C. L. V. R. S. V. Prasad  
Principal, GMRIT

### ADVISOR-ADMINISTRATION

Sri L. M. Laxmana Murthy  
CAO, GMRVF

### CONVENORS

Dr. K. Gouru Naidu, Professor & Head  
Dr. M. Krishna Prasad, Professor & Head

### CO-ORDINATORS

Dr. M.V. Subba Rao, Associate Professor  
Mr. R. Srikanth, Associate Professor

### EXECUTIVE MEMBERS

Dr. K. Koteswara Rao, Assistant Professor  
Mr. V. Srinivasa Rao, Associate Professor  
Ms. P. Kalpana, Associate Professor  
Mr. B. Nagamani Naidu, Assistant professor

### MAILING ADDRESS:

Applications should be sent to:  
Dr. K. Gouru Naidu,  
Professor & Head,  
BS&H Department,  
GMR Institute of Technology,  
**Rajam-532 127** Srikakulam (Dist) A.P.  
Mobile: +91-9441813807  
Phone: 08941-251592, 251593, 252989  
Fax : 08941-251591, 252406  
E-mail: [matie2012@gmr.it](mailto:matie2012@gmr.it)



## National Workshop on

## Modern Analytical Techniques for Industry and Environment (MATIE 2012)

2<sup>nd</sup> – 3<sup>rd</sup> March 2012

Organized by

Chemistry Division,  
Department of Basic Science &  
Humanities,  
&  
Department of Chemical Engineering

GMR INSTITUTE OF TECHNOLOGY  
GMR Nagar, Rajam – 532 127  
Srikakulam (Dist.)  
Andhra Pradesh, INDIA.

Visit us at [www.gmr.it](http://www.gmr.it)

### ABOUT THE PROGRAMME

Analysis is a continuing process right from raw material stage to finished products. The analytical results are essential in production and development, in monitoring and protection of human and environmental health. It could be the basis on which economic, environmental, medical, food and legal matters decisions are made which are essential in our day to day life. Modern analytical techniques play a vital role and form the sustenance in achieving technological excellence worldwide. With the rapid advancement of analytical instrumentation technologies, modern analytical techniques have formed an integral part of quality assurance along with research in industries, academic and research institutions. MATIE 2012 aims to exchange knowledge and ideas about the Modern Analytical Techniques and their applications in Industry and Environmental research. Experts in the relevant field will address and interact with participants by providing vital information on advanced instruments, their working and use. The workshop tries to explore various analytical techniques that include but not limited to

- Spectroscopic techniques (UV-VIS, FT-IR, AAS, ICP, ICP-MS)
- Chromatographic techniques (GC, GCMS, HPLC)
- Electro-analytical techniques (Polarography, Voltametry, Ion Analyzer)
- Thermo analytical techniques (DTA, TGA, TGA-DSC)
- Water and Environmental Analysis

### RESOURCE PERSONS

The resource persons for the workshop will be

1. Dr. G. Nageswara Rao, AU, Vskp
2. Dr. D. Nageswara Rao, NIT, Warangal
3. Dr. R. Nageswara Rao, IICT, Hyd
4. Dr. V. Balaram, NGRI, Hyd

### ELIGIBILITY

- Faculty from Engineering Colleges and Universities
- Chemists/Engineers from R & D/ Industries

### REGISTRATION

Participants from

Academic Institutions : Rs 500/-  
R & D / Industry : Rs 1,000/-

Registration includes a kit, food and accommodation for two days

Accommodation will be provided at GMRIT hostels on first come, first served basis

A photocopy of the accompanying application form, duly filled, should be sent along with a D.D drawn in favour of '**The Principal, GMRIT, Rajam**' payable at Rajam (SBI or Andhra Bank).

### IMPORTANT DATES

Submission of application form along with fee: on or before **25-02-2012**  
Intimation to selected participants through email: **29-02-2012**

*Note : Number of participants is limited to 50*

### NATIONAL WORKSHOP

on

**Modern Analytical Techniques for Industry and Environment**

**(MATIE 2012)**

**2<sup>nd</sup> – 3<sup>rd</sup> March 2012**

### REGISTRATION FORM

(Last date for submission: 25<sup>th</sup> Feb 2012)

Participant's Name:

Qualification :

Department :

Organization :

Address for  
Communication:

Phone No. (O) : (R):  
E- Mail ID :

Payment of registration Fees:

D.D. No: Dt:

Name of the Bank:

Accommodation required : YES / NO

Date: Signature of Participant

### SPONSORSHIP CERTIFICATE

Dr/Sri/Smt \_\_\_\_\_ is an employee of our institution/Industry since \_\_\_\_\_ and is hereby sponsored to attend National workshop "MATIE2012"

Place: Signature of Head