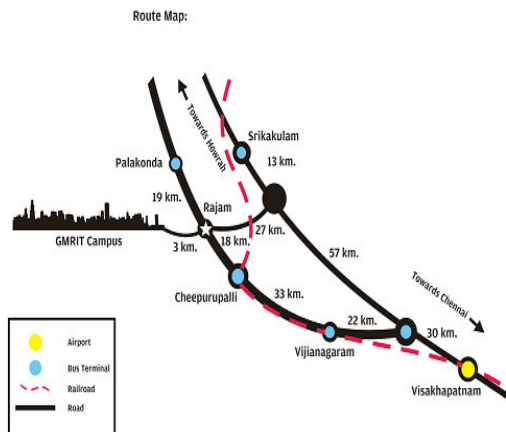


INSTITUTION:

Established in the year 1997 under the aegis of GMR Varalakshmi Foundation, GMR Institute of Technology is a self-financing Autonomous Engineering college approved by the All India Council for Technical Education (AICTE) , The institute is accredited by **NAAC with 'A' Grade**, All UG programs are accredited by **NBA & ISO 9001:2008 Certified Institution**, Affiliated to Jawaharlal Nehru Technological University, Kakinada.

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.

Route Map:



ORGANISING COMMITTEE

CHIEF PATRON

Dr. V. Raghunathan
CEO- GMR Varalakshmi Foundation

PATRON

Dr B.S.Nagendra Parashar
Director(Education)/Provost,GMRVF

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Dr. C.L.V.R.S.V. Prasad
Rector & Principal

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Dr. S.V.Ramana; Assoc. Dean Academics
Dr.M.V.Nageswara Rao; Assoc. Dean F&SA

CONVENER

Dr P.Kantha rao
HOD ,Dept.of EEE

COORDINATOR

Mr. M.Rambabu

MEMBERS

Mr. M. Venkateswara Rao
Mr. P. Devendra
Mr. A. Apparao
Mr. P. Ramana
Mr. G.Satish
Mr. J.S.V. Siva Kumar
Mr. G. Indira Kishore
Mr. T.S.L.V. Ayya Rao

MAILING ADDRESS

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Two-day National Workshop

On

*Advanced Technologies
in Smart Grid Applications*

8th – 9th March, 2014

Organized by

Department of EEE

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

Visit us at www.gmrit.org

OBJECTIVE:

The progressive growth of economy of any nation is possible only through efficient transmission and distribution of electricity. There is a growing need to strengthen the electricity network, meet the increasing demand, enable competition in the electricity market and integrate more sustainable generation resources. The Smart grid also provides a great opportunity for the industries to set in place a modern intelligent grid to ensure greater reliability and efficiency across the entire network. Given that several components of such a Smart Grid are still in a demonstration phase, it is required to bring together different stakeholders to one forum to discuss the challenges ahead and to come out with an action plans to have these smart power delivery systems. By linking the ideas and techniques with other disciplines, the workshop serves as a unifying platform that fosters comparisons, extensions, and new applications.

The goal of this workshop is to enhance the knowledge of faculty, students and industry professionals in the Smart grid/Micro grid areas and implementation of new technologies for smart power generation to encourage scientific research within these areas. To realize the vision and reap the full benefits of a more intelligent energy system, the two-day workshop on 'Advanced Technologies in Smart Grid Applications' is being organized by GMR Institute of Technology, Rajam.

WORKSHOP COVERS:

- Smart Sensors and Advanced Metering Infrastructure
- Impact of Smart Grid on Distributed Energy Resources
- Intelligent Control Systems for Smart Grids
- Agent Systems for Smart Grids
- Support for Storage, Renewable Sources and Micro-Grid
- Transmission Switching and Routing Technologies for Smart Grid
- Power injection by distributed generations in the distributed networks, micro grid with dispatchable and non- dispatchable DG.
- Grid integration of different energy sources and challenges.
- Protection issues.

RESOURCE PERSONS:

1. Prof. D. Das, IIT Kharagpur.
2. Prof. K. Shanti Swarup, IIT Madras.
3. Prof. D.V.S.S. Siva Sarma, NIT Warangal.

ELIGIBILITY:

Faculty members of Engineering / Polytechnic colleges approved by AICTE / Researchers / Practicing Engineers/PG students are eligible.

REGISTRATION:

Faculty/Research Scholar : Rs. 1000/-
Industrial participants : Rs. 1500/-
PG students : Rs. 750/-

Participants can register by sending the registration form along with Demand Draft in favour of "Principal, GMRIT" payable at Rajam and it should reach on or before 2nd March 2014 to

Mr. M.Rambabu
Dept of EEE
GMR Institute of Technology,
Rajam – 532 127
Srikakulam (Dist), Andhra Pradesh
E-mail: rambabu.m@gmrit.org
Contact no: 9985456004

BOARDING & LODGING

The registration fee includes Registration Kit, boarding & lodging during their stay at GMRIT, RAJAM.

REGISTRATION FORM

Two-day National Workshop On *Advanced Technologies in Smart Grid Applications*

8th– 9th March, 2014

Participant's Name:

Qualification:

Department:

Organization:

Address for
Communication:

Phone No. (O):
(R):

e-mail :

Registration fee : Rs -----/- by DD in favour
of "Principal, GMRIT" Rajam .

DD No.: _____ Date: _____

Accommodation required: Yes/No

Date: _____ Signature of Participant

SPONSORSHIP CERTIFICATE

This is to certify that Mr. / Ms _____
_____ is an employee of our
institution since _____ and is hereby sponsored
to attend the Workshop _____ on
'Advanced Technologies in Smart Grid
Applications' at GMRIT, Rajam, Srikakulam during
the period 8th – 9th March, 2014.

Place:

Date:

Signature of Head
of the Institution