

Institution

Established in the year 1997 under the aegis of GMR Varalakshmi Foundation, GMR Institute of Technology is a self-financing Engineering college approved by the All India Council for Technical Education (AICTE) and accredited by NAAC & NBA under TIER-I (6 years until June 2021) & an ISO 9001 - 2000 certified Institution, affiliated to Jawaharlal Nehru Technological University, Kakinada. GMRIT awarded as Second Most Clean Campus in India in AICTE Clean Campus Award 2017 on October 2nd 2017. GMRIT is ranked in the band of 151 - 200 at National Level by NIRF, MHRD.

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.

GMRIT offers UG & PG courses in Chemical, Computer Science, Electronics & Communication, Information Technology, Civil, Electrical & Electronics, Mechanical Engineering and Power Engineering with well qualified and experienced faculty and sophisticated laboratories.

SPONSORSHIP CERTIFICATE

This is to certify that Dr./Mr./Ms. _____ is an employee of our institution since _____, and is here by sponsored to attend the Two-day national level workshop on "Emerging Trends in Smart Grid Technology and Computing (ETSGTC-19)" at GMRIT, Rajam, Srikakulam on March, 15-16, 2019.

Place:
Date:

Signature of
Head of the Institution

ORGANISING COMMITTEE

Chief Patron

Col. G. Rajendra Prasad
CEO- Education & Healthcare Wing,
GMR Varalakshmi Foundation

Patron

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

Chairperson

Dr. J. Raja Murugadoss
Vice Principal, GMRIT

Convener

Dr. P. Bharani Chandra Kumar
Professor & HOD, EEE

Organizing Secretary

Dr. Rajesh Kumar Patnaik
Associate Professor, EEE

Committee Members

Dr. G. Chandrasekhar, Prof.,
Dr. P. Ramana, Assoc. Prof.,
Dr. T.S. Kishore, Assoc. Prof.,
Dr. K. Karthik, Assoc. Prof.,
Dr. D. Dhanalakshmi, , Assoc. Prof.,
Dr. K.V.S. Prasad, Assoc. Prof.,
Dr. S. P. Mishra, Asst. Prof.,
Mr. L. V. Suresh Kumar, Asst. Prof.,
Mr. J.S.V Siva Kumar, Asst. Prof.,
Mr. T. S. L. V. Ayya Rao, Asst. Prof.,
Mr. M. Rambabu, Asst. Prof.

A Two-Day National Level Workshop
On

Emerging Trends in Smart Grid Technology and Computing (ETSGTC-19)

Organized By
DEPARTMENT OF EEE

March 15 - 16, 2019



GMR INSTITUTE OF TECHNOLOGY
GMR Nagar, Rajam – 532 127
Srikakulam (Dist.), Andhra Pradesh
Visit us at www.gmr.it.org

Preamble

The objective of this workshop is to provide a platform to deliberate and discuss various aspects of Smart Grid Technology, and advanced computational methods. By the end of this workshop the participants should be able to

- Understand the concepts of Renewable energy and its applications to Microgrids
- Identify the importance of control and protection in smart grid
- Explore the advanced techniques for signal processing and power quality analysis
- Explain recent electric price forecasting techniques
- Explain the new updates on protection and energy management schemes for grid connected and standalone Microgrids

Focus areas of the Workshop

1. Smart control, protection and signal processing techniques for Microgrids
2. Application of Signal Processing and optimization techniques for Smart Grid
3. Modelling and Simulation of photovoltaic based AC and DC Microgrid systems
4. Electric price forecasting techniques
5. Visit to in-house 1 MW Solar power plant

Department of EEE

The department of EEE is accredited by National Board of Accreditation under TIER-I. The department offers programs at both Undergraduate (B. Tech) and Postgraduate (M. Tech) levels. It provides students with a solid scientific/technical knowledge to improve their research capabilities.

Resource Persons

1. **Dr. G. Panda**
Former Professor & Deputy Director,
IIT Bhubaneswar,
2. **Dr. P. K. Dash**
Professor & Director (R&D), SOA University.
3. **Dr. S. Dhar**
Assistant Professor, SOA University.
4. **Dr. R. Bisoi**
Assistant Professor, SOA University.

Eligibility

Faculty from academic institutions, Research Scholars, PG Students (EEE, ECE, CSE & IT) and Industry personnel. The number of participants is limited to 30.

Important Dates

Last date for Registration: **6th March 2019**
Workshop Date: **15th -16th March 2019**

Registration

Participant from Industry : Rs.1500
Faculty/Research Scholar : Rs.1000
PG Students : Rs. 500

Application form duly filled along with a D.D. drawn in favor of **The Principal GMRIT**, payable at Rajam (SBI/Andhra Bank) should be sent on or before **6th March, 2019** to the mailing address below.

Mailing Address

Dr. Rajesh Kumar Patnaik, Organizing Secretary,
Dept. of EEE, GMR Institute of Technology,
Rajam 532 127, Srikakulam (Dist.), A.P.
Mobile : +91 7978552746, 9437611880
Phone : +91 8941 – 251592, 251593
Fax : +91 8941 – 251591, 252406
e-mail : rajeshkumar.p@gmr.it.org

Boarding and Lodging

Free boarding will be provided during the period of the program and free lodging (limited) will be provided at GMRIT Hostels, Rajam, on first come first serve basis.

A TWO DAY NATIONAL LEVEL WORKSHOP ON Emerging Trends in Smart Grid Technology and Computing (ETSGTC-19)

On
March 15th -16th, 2019

REGISTRATION FORM

Participant's Name:

Qualification:

Department:

Organization:

Address for
Communication:

Mobile Number:

E-mail :

Registration Fee:

DD No.: Dt.:

Name of the Bank:

Accommodation required: Yes/No

Date:

Signature of Participant