

ABOUT THE PROGRAMME

The Program emphasizes on practices being adopted in the field of Electrical Engineering. With growing Electrical networks, number of issues are faced by Utilities as well as distribution companies. These issues are mainly related to interfacing of Renewable Energy Sources, increasing use of power electronics systems, effect on power quality, control and co-ordination between various systems. The proposed program serves as platform for Research Scholars, Post-Graduate Students, Academicians and industrial personnel to discuss such issues and possible remedies for improved performance in electrical systems.

RESOURCE PERSONNEL

The workshop will be conducted by specialized faculties and industrial personnel from relevant discipline from various organization such as IIT, NIT, and other prestigious institutes.

COURSE CONTENT

Following topics will be covered during the workshop:

- Smart Grid Issues
- Small Signal Stability & Analysis
- Protection of Compensated Lines
- Hybrid Converter
- Multilevel Inverters
- Power Quality
- Interfacing Issues in Microgrid
- Advances in Electrical Drives
- Digital Implementation of PWM DC-AC Converters and DC-DC converter

WHO MAY BENEFIT

The STTP will benefit to students of Post-Graduation, Ph.D. Research Scholars, Academicians and Industrial Personnel working in the field of Electrical Engineering.

CHIEF PATRON

Prof. (Dr.) Y.P. Kosta
(Director, Technical Campus)

PATRON

Prof. (Dr.) Rajendrasinh B. Jadeja (Dean, Faculty of Engineering)
Prof. (Dr.) Ramdevsinh. L. Jhala ((Principal, Faculty of Technology)
Prof. (Dr.) Sarang Pande ((Principal, Faculty of PG Studies)

ORGANIZING COMMITTEE

Prof. Krishna I. Patel Prof. Pushkar Tripathi
Dr. Dinesh Kumar Prof. Nishant Kothari
Dr. Meeta Matnani Prof. Atul Kunapara

CO-ORDINATORS

Tapankumar A. Trivedi
Dr. Siddharthsingh K. Chauhan
Dr. Jignesh Makwana
Prof. Amit D. Ved

COURSE REGISTRATION FEES

Participants	Registration Fees
Students	Rs. 1000/-
Academicians and Industrial Personnel	Rs. 2000/-

Course fee is non-refundable and includes course kit and refreshment. Fee should be paid by demand draft/local cheque, drawn in the favor of "MEFGI-Faculty of PG Studies & Research in Engg. & Tech." payable at RAJKOT.

HOW TO APPLY

The participants are requested to send the registration form to the co-ordinator on on before **01/12/2015**

FOR FURTHER DETAILS, CONTACT

Prof. Tapankumar A. Trivedi
Department of Electrical Engineering
MEFGI, Rajkot
tapankumar.trivedi@marwadieducation.edu.in
+91-9879419809



Marwadi
education foundation

SHORT TERM
TRAINING PROGRAM
ON

RECENT TRENDS & PRACTICES IN ELECTRICAL SYSTEMS

7th - 11th December, 2015

Organized By
Department of Electrical Engineering
MEFGI, Rajkot, Gujarat

www.marwadieducation.edu.in

ABOUT MEFGI

Marwadi Education Foundation's Group of Institutions (MEFGI) is an approved Technical Campus situated at Rajkot, Gujarat.

It is affiliated to Gujarat Technical University, approved by AICTE and offers graduate and postgraduate courses in various disciplines of Engineering, Computer applications and Management.

It has achieved a prominent position in Gujarat, within a short span of 5 years.

ABOUT ELECTRICAL ENGINEERING DEPARTMENT

The strong pillars of Electrical Engineering department are the highly qualified faculty members having research background. Most of the faculties earned their academic degree no less than Ph.D. and M.E./M. Tech. from IITs, NITs and other premier institutions of national as well as international reputation. Department of Electrical Engineering is started to cater the need of various stakeholders with following objectives:

- To impart technical training, encourage curiosity, enhance innovative thinking among the students and lay a foundation from where they can acquire quick learning ability and adaptability with the fast changing needs of the industry.
- To provide students opportunities to gain and use knowledge to build successful lives and careers and become an integral part of the

community.

- To provide the students the right balance of theory and practice.
- To develop the best researchers that generate new knowledge in the various areas of Electrical Engineering

Department of Electrical Engineering has several advanced software and hardware based laboratories with the state-of-the-art technology and sophisticated machineries which are indeed a second home for the researchers as well as enthusiastic students. These advanced laboratories, which include Power System, High Voltage, Power Electronics & Drives lab and Research Lab; provide students hands on experience that gives them a chance to learn about the ongoing industrial practices. All these laboratories are well equipped with different electrical A.C. & D.C. machines, a variety of drives system, DSP controllers, dSPACE controller, OPAL-RT Real Time Simulator, PV Systems with control units and modern measurement devices like Fluke Power Quality Analyzer, DSO and MSOs. Similarly Advanced Electrical Simulation laboratory is equipped with latest academic tools like MATLAB, LabVIEW, and PSCAD which helps the students to perform the simulations and real time implementation of experimental prototypes.

REGISTRATION FORM

STTP on
Recent Trends and Practices in
Electrical Systems
7th - 11th, 2015

Name: _____

Designation: _____

Qualification: _____

D.O.B.: _____ Gender: M / F _____

Name of the Institute / Industry / Organization :

Mailing Address: (with phone no., fax no.)

E-mail : _____

Phone no.: _____

Accommodation required: Yes No

DD Details: Amount: _____ No: _____

Name of Bank: _____ Dtd: _____

Date: _____ Signature of Applicant

CERTIFICATE FROM SPONSORING AUTHORITY

It is certified that the applicant is working in our organization and information stated by him/her is verified and found correct. He/she is sponsored by our organization for attending this Short Term Training Programme organized at MEFGI, Rajkot.

Date: _____

Place: _____

Signature of
Sponsoring Authority