

Who should attend?

- Academicians from Institutes and Universities.
- Research Scholars.
- Industrial Professions.
- Government Officials.
- Interested individuals.
- Representatives of NGO's in similar area

Organizing Committee

Chief Patron

Dr. Shrikant J Wagh

Principal, Gujarat Power Engineering and Research Inst.

Organizing Chairman

Mr. Mahesh Patel

Head, Department of Electrical Engineering

Advisory Committee

Dr. Vivek Pandya

Dr. Anil Markana

Dr. J.G. Jamnani

Registration

Participation – First Come First Serve Basis

Registration Starts: June 30, 2018

Last date of Registration: July 10, 2018

Registration Charges:

| Participants | Fee |
|------------------------|----------|
| Diploma U.G & P.G | Rs 300/- |
| Students/ PhD Scholars | |
| Faculty from Academia | Rs 500/- |
| Industry Professionals | Rs 800/- |

Registration charges include tea, lunch, snacks and registration kit. Registration fee can be paid through check or demand draft in favour of **Gujarat power engineering and research Institute** payable at **Mehsana**. Registration charges are non-refundable. Forms are also available on Institute website: www.gperi.ac.in

* Account Details are:

Name: Gujarat Power Engineering and Research Institute

Account No.: 31904929231

Bank and IFSC Code: SBI-Mehsana, SBIN0007466

* Phonepe or Tez can also be used as Payment Method.

Mobile No.: 9722320750 (Prof. Piyush Miyani)

Mention your name in description for verification purpose

Travelling and accommodation

Participants are required to make their own arrangements for traveling and accommodation. However, Participants can use transportation facility from the area where GPERI transportation facility is available.

Registration Link

<https://goo.gl/forms/6k8GrMGAJCsujiIjG3>

Address for Correspondence:

Coordinator

Prof. Piyush Miyani, Prof. Deepak Joshi

Department of Electrical Engineering

Gujarat Power Engineering and Research Institute

Ahmadabad-Mehsana Express Way,

Mehsana-382710

+91-9722320750

Email: piyush.miyani@gperi.ac.in

For Queries Contact:

Student Coordinator

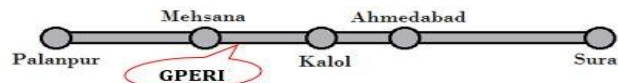
Mr. Kishan Patel

Mo: 8469442839

How to Apply

The applicants are required to submit completely filled registration form (Hard Copy/Soft Copy) along with registration fees. Participants should send their demand draft/cheque along with registration form (Hand written, Typed, Printed or Xeroxed) to **Administration department, Gujarat Power Engineering and Research Institute, near Mehsana toll booth, Ahmadabad-Mehsana Expressway, Mehnsana-382710.**

How to Reach



A Two days' Seminar

On

“Solar Photovoltaic System, Microgrid and Electric Vehicle”.

On

July 12 to July 13, 2018

Co-ordinators

Prof. Piyush Miyani

&

Prof. Deepak Joshi

Organized by

Department of Electrical Engineering

Gujarat Power Engineering and Research Institute

About the Institute



Gujarat Power Engineering and Research Institute (GPERI) established in the year 2011 by Gujarat Power Corporation Limited (PPP mode) under the directive of Department of Technical Education, Government of Gujarat. The pioneer vision of GPERI is to be an internationally renowned Institution by imparting excellent education and training based on modern industry and research needs. This objective is being addressed through a number of specialized and well planned under-graduate energy education programs funded by GEDA, GUJCOST, and UGC. With intense research initiatives

About the Department

The Department of Electrical Engineering offers B.E in the field of electrical engineering. The department has well experienced and dynamic faculty members with wide range of experience in teaching and industry. The department is having well developed laboratory with advanced equipments and software packages which gives exposure to the student in recent trend in electrical engineering. Apart from the state of art laboratories and classrooms, Siemens Center of excellence (COE) in Industrial Automation is novel part of department. COE is fully equipped with high tech machinery lab on **low voltage switchgear(LVSG), PLC, SCADA, AC-DC Drives and Process Dynamics lab etc.**

About Solar R & D Center

The GPERI Solar R&D Center was established with the special grant from Department of Energy and Petrochemical, Govt. of Gujarat. The main objective of the center is to provide technical support to carryout research and testing of Solar Photovoltaics and Renewable Energy.

Solar R & D lab is equipped with most recent hardware setup like DC Microgrid, PV training system, Grid tied inverter and many more.

About the Seminar

Focus of this seminar is to enhance knowledge of participants starting from basic of modelling of photovoltaic system, MPPT and grid integration of PV, power electronics inverters, electric vehicle and its integration. Seminar will be scheduled in such a manner that basic theory sessions followed by hands on practice and experiments in the laboratory.

Attending this seminar will

- Bring together established experts, students and professionals from energy and from multidisciplinary departments to discuss on photovoltaic system, electric vehicle and microgrid.
- Benefit to the faculty and researchers by familiarizing themselves with the state of the art in photovoltaic systems and planning long -term research programmes. For working engineers and scientists, the programme will open up new vistas for the application of advanced energy technologies to the problems that they are currently facing and also they can identify topics for future research and development. Ultimately, the main purpose of the seminar is raise awareness amongst the general public (citizens, schools, universities, decision makers, etc) of the potential of renewable energy.

Proposed topics

The recent research and developments in the following area will be focused during the Workshop:

- **Modelling of Solar PV Cell.**
- **Maximum Power point tracking (MPPT) of PV.**
- **Power Electronics Switch and Solar Inverters.**
- **Grid integration of PV System.**
- **Microgrid.**
- **Introduction to Electric Vehicle.**
- **Grid Integration of Electric Vehicle.**

Registration Form

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On
**“Solar Photovoltaic System, Microgrid
and Electric Vehicle”**

On
July 12 to July 13, 2018

Co-ordinators

Prof. Piyush Miyani & Prof. Deepak Joshi

Organized by

Department of Electrical Engineering
Gujarat Power Engineering and Research Institute

Full Name: _____

Designation: _____

Department: _____

Organization with address: _____

Academic Qualification: _____

Experience (Yrs): Teaching _____ Industry _____

Phone (official): _____

Mobile: _____

Email: _____

Name of the Bank/DD or Cheque No:

Signature of Applicant