

Proposed topics

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

- **Futuristic Potential of Renewable Energy Systems**
- **Solar : Project Planning & Execution**
- **Solar Thermal Technology**
- **Solar Powered Multi- generation systems**
- **Advances in Solar Refrigeration**
- **Biodiesel: Production and Application**
- **Green Buildings: IGBC Policies & Initiative**
- **Tidal and Geothermal Energy: World Wide Potential**
- **Energy Planning and Policy.**

Organizing Committee

Chief Patron

Dr. Shrikant J. Wagh

Principal, Gujarat Power Engineering & Research Institute

Organizing Chairman

Mr. Rajesh Patel

Head (In-charge), Department of Mechanical Engineering

Advisory Committee

Dr. Deepak Gadhia (Solar Energy Entrepreneur)

Dr. Sagar Agravat (GERMI, Gandhinagar)

Dr. Anil Kumar (MANIT, Bhopal)

Mr. Jaysimha Rathod (CEO-Solar One India)

Dr. Nishith Desai (PDP, Gandhinagar)

Dr. Hitesh Panchal (GEC-Patan)

Registration

Limited Participation – First Come First Serve Basis

Registration Starts: February 20, 2018

Last date of Registration: March 15, 2018

Registration Charges:

Participants	Fee
U.G & P.G Students	Rs 250/-
PhD Scholars	Rs 300/-
Faculty from Academia	Rs 500/-
Industry Professionals	Rs 500/-

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. Spot registration facility will also be available (only with prior approved cases). Registration forms are also available on Institute website: **www.gperi.ac.in**

For online payment option, student coordinators may be contacted. Account Details are:

Name: Gujarat Power Engineering and Research Institute

Account No.: 911010040991160

Bank and IFSC Code: Axis Bank-Mehsana, UTIB0000130

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**. *Maximum number of participant limits up to 50. List of final candidates and seminar schedule will be available online at www.gperi.ac.in and in mail by 16 March, 2018.*

Travelling and accommodation

Participants are required to make their own arrangements for traveling and accommodation. No accommodation facility is available inside campus. Please contact student coordinators for accommodation facilities near campus.

Address for Correspondence:

Coordinator

Prof Vinay Kumar, Prof Bhargav Pandya

Department of Mechanical Engineering

Gujarat Power Engineering and Research Institute

Ahmadabad-Mehsana Express Way,

Mehsana-382710

+91-9925299544

Email: vinay.kumar@gperi.ac.in

For Queries Contact:

Student Coordinator

Mr. Trupal Patel

M: +91 7990036745

.A Two days' Seminar On Policy Planning and Potential of Renewable Energy Systems in India

On

March 23-24 , 2018

Co-ordinators

Prof. Vinay Kumar

Prof. Bhargav Pandya

Organized by

Department of Mechanical Engineering
Gujarat Power Engineering and Research Institute



&

Sponsored by



Department of Science & Technology
Government of Gujarat

About the Institute

Gujarat Power Engineering and Research Institute (GPRI) 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 GPRI is to be an internationally renowned Institution by imparting excellent education and training based upon 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, GPCL, CED, DST and UGC. With intense research initiatives, GPRI is in nascent stages for establishment of **Anchor Institute of Solar Energy And Solar Energy Centre of Excellence**. The center will provide the state of art the training to skilled and semiskilled workers, platform to conduct research in cutting edge technology on energy systems specifically in field of Solar thermal, PV and related energy systems.

About the Department

The Department of Mechanical Engineering is the REFLEX of GPRI. Well experienced faculty members involved in teaching and research areas like **Exergo-economic Optimization, Design of Heat Exchangers, Alternate Fuels, Solar Thermal Systems, Combustion and Computational Modeling** are the pillars of department. The department offers opportunities to its student to carry out projects and internships in MNCs and R&D Centres across India in areas: Thermal and Fluids Engineering, Design, Manufacturing, Industrial Engineering etc. 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 **NX, mechatronics, Rapid Prototyping, Automation and Instrumentation**.

About Mehsana

Mehsana is a city and municipality in Mehsana district of Gujarat. It is well connected by rail and road network from Raipur, Ahmadabad and Gandhinagar via NH-43. This Place is famous for Sun-Temple and Shankus Water Park.

About the Seminar

Renewable Energy is directly derived from the sun and from heat generated in the interior of the earth. Renewable energy sources include solar, wind, ocean, biomass and bio-fuels. As today, solar, wind and other sources contribution to energy requirement is very marginal but the technical potential of their use is very large. With this background, a seminar on "Policy Planning and Potential of Renewable Energy Systems in India" is being organized for post graduate students, engineers, managers from industry, and personnel from teaching and R&D institutions. The main objective of the seminar is disseminating relevant information on various renewable energy technologies, policies and social acceptance specifically on nation point of view. Attending this course will

- Bring together established expert's, students and professionals from energy and from multidisciplinary departments to discuss on renewable energy systems impact on economy and environmental conditions of India.
- Benefit to the faculty and researchers by familiarizing themselves with the state of the art in energy technologies 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.

Who should attend

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

Registration Form

A Two days' Seminar
On
**Policy Planning and Potential of
Renewable Energy Systems in India**
On
March 23-24 , 2018

Organized by

Department of Mechanical 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