

Registration Details

- 1.Registration will be done on first come first serve basis, 30 seats are available.
- 2.**Last date** of registration is Thu 04th Jan 2018.
- 3.Registration Charges are as follows:Rs.1000/-
- 4.DD Should be drawn in the favor of “**Principal, Pillai HOC College of Engineering & Technology**”, **Payable at Rasayani.**
- 5.Duly signed application along with DD should reach latest by 06th Jan 2018 to:

**The Convener,
Power Electronics Application to
renewable energy resources
Pillai HOC College of Engineering &
Technology, Pillai HOCL Educational
Campus,
Rasayani, Maharashtra-410207.**

Session Timing

9.30 A.M. to 4.30 P.M.

Certificate

Registered participant will receive certificates during the valedictory function on the last day subject to attendance.

For Registration & Enquiry:

Prof. Ronita Pawn- 8655224577/ 9167121207
Prof. Supriya Shigwan - 9766956368

Bus facility (Pickup from):

**Panvel, Uran, Karjat, Khopoli, Pen, Alibag,
Kamothe & Kalamboli,**

PATRONS

Dr.K.M. Vasudevan Pillai (Hon. Chairman, MES)
Dr. Daphne Pillai (Hon. Secretary, MES)
Dr. Priam Pillai (Hon. COO, MES)
Dr. Lata Menon (Dy. CEO, Rasayani Campus)
Dr. Chelva Lingam (Principal, PHCET)
Dr. Shrikant Charhate(Dean, PHCET)
Ms. Munawira K Pillai

Convener

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ORGANIZING COMMITTEE

Prof. Asokan Selvaraj
Prof. Sangeetha Rajagopal
Prof. Ramrao More
Prof. Panimaya Selvi
Prof. Sanobar Shaikh
Prof. Lakshmi C.R.
Prof. Supriya Shigwan
Prof. Ronita Pawn
Ms. Rukhsar Pathan
Mr. Keshav Chougule
Ms. Shruti Gite

Department of Electrical Engineering Organizes



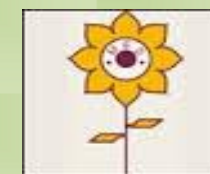
Two Days

**National Level Workshop
On**

**“Power Electronics Application to Renewable
Energy Resources”**

On

Fri 12th Jan 2018 - Sat 13th Jan 2018



**Mahatma Education Society's
Pillai HOC College of Engineering & Technology,
Rasayani**

Mahatma Education Society

Mahatma Education Society was established in the year 1970 by a group of teachers with the aim of spreading education for all. The society today has 48 institutions from pre-primary to post-graduation to research with over 35,000 students and over 2,500 teachers. The society manages several schools imparting instruction in S.S.C., C.B.S.E., I.G.C.S.E. and I.B. programs, Junior Colleges, Degree Colleges, Engineering Colleges, Management Institutions, Polytechnics and Teacher education programs at different locations in Mumbai, Navi Mumbai and Rasayani (Raigad District). Most of the colleges are reaccredited 'A' Grade by NAAC and also accredited by NBA and other Government bodies.

PHCET

Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani was established in 2009 and is affiliated to University of Mumbai and recognized by AICTE & DTE. In less than 4 years of span PHCET is recognized as one of the premier institutions delivering professional courses in Engineering & Technology at Undergraduate as well as at Post Graduate level. Currently PHCET offers following courses-

- Automobile Engineering (UG)
- Civil Engineering (UG & PG)
- Computer Engineering (UG & PG)
- Electronics&Telecommunication Engineering (UG& PG)
- Electrical Engineering (UG)
- Information Technology (UG & PG)
- Mechanical Engineering (UG & PG)
- Ph.D. in Civil & Computer Engineering



COURSE OBJECTIVES

The main objective of this workshop is to update with renewable energy system in various technologies having an exponential growth in installed capacity. Power Electronics plays important role in achieving energy efficiency and sustainable environment. The workshop aims to address key issues in solar, wind, biogas and fuel cell based power generation and associated power electronic controllers for monitoring and protection applied to smart grid technologies.

COURSE OUTCOME

- Implement power electronics system in renewable energy systems.
- Upscaling of renewable energy into sustainable economic growth.
- Learn basics of power electronics & its application to renewable energy systems

- Learn different converter technologies used in RES
- Simulation based power electronic controllers.
- Understanding of fundamental concept like converter, inverter, rectifier etc.
- Energy efficiency in various applications.

COURSE CONTENTS

The course covers the following topics:

- Power Electronics in Solar PV systems
- Design step for solar PV Systems
- Power Electronics in wind energy systems
- Simulation techniques
- Power Conversion systems
- PV Converters & integration techniques for grid connected system.
- Maximum power tracking concept
- Multilevel inverter technology
- Integration of RES with Microgrid

RESOURCE PERSONS

Experts from IIT, BARC, and various engineering disciplines.

This workshop is intended to provide practical exposure to Research scholars, Faculty Members and industry personnel.

Note: Registration form is available on our website: www.phcet.ac.in