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HOD/EEE

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ORGANIZING COMMITTEE

Mrs.V.THEBINAA, Assistant Professor/EEE

Mrs.S.SANTHALAKSHMY, Assistant Professor/EEE

Mr.P.L.SANTHANA KRISHNAN, Assistant Professor/EEE

Mrs.R.MUTHUNAGAI, Assistant Professor/EEE

Mrs.R.PRIYA, Assistant Professor/EEE

About the College

Sri Manakula Vinayagar Educational Trust was formed with the objective of imparting quality education, especially to the weaker sections of the society in and around Puducherry. Our Manakula Vinayagar Institute of Technology was established in the year 2008 by Sri Manakula Vinayagar Educational Trust with the aim to reach state-of-the-art technology to the rural society and to open up career opportunities for the under privileged youth in and around this place. Our College is approved by AICTE and affiliated to Pondicherry University and offering UG Courses: B.Tech-EEE, ECE, CSE, IT and Mechanical and PG Courses: MBA, M.Tech-CSE,ECE. It provides an ambience of uncompromised innovation, excellence and quality education.

About the Department

The Department of Electrical & Electronics Engineering was established in the year 2008. The mission of the department is to provide world class undergraduate engineering in Electrical & Electronics engineering, foster research and development in Electrical equipments, encourage Entrepreneurship and mould young men and women to innovate new technologies for recent trend in renewable energy applications.

IMPORTANT DATES :

Last date for receipt of application : 27.06.2017

Acceptance will be intimated on : 28.06.2017

REGISTRATION FEES

Industry Personnel/Academicians/Research Scholars/PG/UG Students: Rs.500/-

Interested participants are requested to fill the registration form and send the same to the Organizing Secretary. Registration fee will be accepted by Demand Draft drawn in favor of "The Principal, Manakula Vinayagar Institute of Technology", payable at Puducherry along with the completed registration form. Registration is limited to first come first served basis. Registration fee does not include accommodation charges. Completed registration form along with the DD can be sent to the following address on or before June 27, 2017. The number of seats is limited to 50.



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Puducherry- 605107.

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Website : www.mvit.edu.in

CSIR Sponsored Two Days

Seminar on

*"Recent Trends in Hybrid Power
Generation"*

On

30th June 2017 & 1st July 2017



Educate - Empower - Excel

**Organized
by**

**Department of Electrical & Electronics Engineering
Manakula Vinayagar Institute of Technology**

**Kalitheerthalkuppam,
Puducherry-605 107**

About the Workshop

The electric power generation has been undergoing significant transformation over the last decades. Powerful trends in technology, strategy, environments, funding and trade models are driving change in power sectors globally. These rapid changes leads to new opportunities and challenges, like increase in complexity, interconnectivity and ever increasing uncertainties. With increase in global population and desire for life quality, energy consumption and power demand are increasing continuously resulting in increasingly stressed power generation. The major initiatives of the power sector in this decade are smart grid and renewable energy.

The evolution of Smart Grid would address inadequate access to electricity, supply shortfalls (peak and energy), huge network losses, poor quality and reliability and rampant, theft issues and transform the existing grid into a more efficient, reliable, safe and less constrained grid that would help provide access to electricity to all.

Renewable energy is playing a pivotal role in compensating the electrical energy due to more demand and decline trends of conventional source of fuels like coal, petroleum and natural gases. Many new challenges arise for the reliable operation of power generation with the high penetration of new power electronic devices, intermittent and uncertain renewable sources and demands.

The proposed course will provide a platform to enhance our knowledge on recent trends in hybrid power generation. It will also creates an interesting and exciting exchange platform on the latest developments in the fields of solar energy, wind power and hybrid renewable energy sources. This seminar aims at creating awareness among young minds regarding fundamentals as well as the current research trends in these promising areas of research.

Topics Covered

- "Renewable Energy & Hybrid Power Generation" - Technologies Overview and Challenges
- Solar Photovoltaic Technology
- Wind Energy Conversion Systems
- Converter Topologies for Renewable Energy Systems
- Converter Design: Modeling, Simulation and Hardware Development
- Power Electronics for Renewable Energy Systems
- Challenges and Solutions for Power System with Hybrid Renewable Energy Sources
- Renewable Energy On grid and Off Grid Management
- Advantages of ON Grid Hybrid Systems
- Future Scope of Solar PV system Technologies & its Opportunities
- Modeling hybrid renewable energy system and Power management strategies
- Challenges of Integrating Renewable Energy with Grid System
- Renewable Energy Pricing and Forecasting

ADDRESS FOR CORRESPONDENCE

**Dr.R.VALLI, Organizing Secretary
HOD/EEE,**

**Manakula Vinayagar Institute of Technology,
Kalitheerthakuppam, Puducherry-605 107**

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MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

**Two Days Seminar
on**

"Recent Trends in Hybrid Power Generation"

30th June 2017 & 1st July 2017

REGISTRATION FORM

Name : _____

Gender: _____

Designation/Course: _____

Institution: _____

Address: _____

Mobile No: _____

E-Mail: _____

Registration Fee: _____

DD No: _____ Date: _____

Bank Name: _____

Date: _____ Signature of the Applicant

DECLARATION

Dr/Mr/Mrs _____ is a student/faculty member of our Institution and is sponsored /permitted to attend the Two Days Seminar on Recent Trends in Hybrid Power Generation" conducted by Dept. of EEE, Manakula Vinayagar Institute of Technology on 30th June 2017 & 1st July 2017.

Date : _____ Signature and Seal of the
Place: _____ Sponsoring Authority