

## REGISTRATION FORM

### IET Sponsored National Level Workshop on Development & Challenges on Solar Energy

26<sup>th</sup> September 2017

Name :  
Gender : Male / Female  
Department :  
Institution :  
Address for Communication :  
E-Mail :  
Phone (Off) :  
Mobile No. :

## DECLARATION

This is to certify that Mr./Ms. .... is a bonafide student of our college. He / She is permitted to attend the IET Sponsored National Level workshop on **Development & Challenges on Solar Energy** at Easwari Engineering College, Chennai - 89 on 26.09.2017

Signature of Head of Institution

Seal:

Date:

Place:

## REGISTRATION DETAILS

For IET members : Rs. 250/-  
For Non IET members : Rs. 350/-

Outside participants may pay the registration fees on the day of workshop.

## ADDRESS FOR CORRESPONDENCE

Scanned copy of filled-in application in the prescribed format should be sent through email to [eeceeeietworkshop2017@gmail.com](mailto:eeceeeietworkshop2017@gmail.com)

The Convener,  
IET EEC Chapter,  
Easwari Engineering College,  
Bharathi Salai,  
Ramapuram,  
Chennai - 600 089.  
Tel: (044)4392 3027, 3136  
0413/5350/0853  
Fax: (044)22491130.  
Mob: 9941411411, 9791021444.



# EASWARI

ENGINEERING COLLEGE



(A Unit of SRM Group of Educational Institutions)  
Approved by Govt. of Tamil Nadu and AICTE  
Accredited by NBA  
ISO Certified and Affiliated to Anna University, Chennai

### IET Sponsored National Level Workshop on Development & Challenges on Solar Energy

26<sup>th</sup> September 2017

Sponsored by



Organized by

Department of Electrical and Electronics  
Engineering



## **EASWARI ENGINEERING COLLEGE**

Easwari Engineering College, a division of SRM group of Educational Institutions is functioning under "Valliammai Society". The society was founded in the year 1975, by Dr.T. R. Paarivendhar, Founder Chairman, an Academician and Educationist for promoting the cause of Quality Education. EEC was established in the year 1996, with the Approval of AICTE, New Delhi. The college is affiliated to Anna University, since 2002. The courses have been accredited by NBA / AICTE and are periodically reviewed. College offers 8 Under Graduate and 8 Post Graduate Programme covering Engineering & Technology, Computer Applications and Management. The college has a strong Industry Interaction with reputed National and International organizations. The College is an ISO 9001:2008 certified from TUV South Asia.

## **ABOUT THE DEPARTMENT**

The Department of Electrical and Electronics Engineering established in 1996, offers B.E in EEE and M.E. in Embedded Systems Technology. The Department is well-equipped with the state-of-art laboratories and is recognized as a Research Centre by Anna University, Chennai to offer Ph.D. and M.S. (By Research). The Department has excellent placement record and the graduates of the Department consistently secure several University ranks. The Department has close interactions with leading institutes and industries for research and development. The department holds 3 patents and has received grants from AICTE, DST, ISTE, IET, CSIR and other agencies.

## **ABOUT THE PROGRAMME**

The technological advancement is to bridge the gap between the energy deficient and demand through effective utilization of non conventional energy resources and the real time monitoring the usage of energy through smart metering system. In order to understand a smart grid's benefits and applications, it is important to first understand the working of the system that is presently being used. In the current system, the end user measurements are mostly with billing in mind, and not control. The other measurements in the grid are few and limited. The sources of power are also restricted to conventional power plants like coal fired and hydro power plants. The benefits of smart grid can be enhanced through the integration of non-conventional energy sources like Solar, Wind and Biomass power plants. Solar power takes the prominent position among all other sources due to its continuous availability and cost effectiveness. Solar energy is available in abundance. The light energy insolation from sun in a day is sufficient to power the energy needs of whole world for 365 days. Recently, everything expected to be smart such as smart meters, smart grid, smart phones and smart devices. Smart energy solutions are provided with the cutting edge technology for energy materials, energy production, energy conversion and energy management. Energy analysis and intelligence are to be used for efficient design and analysis, better efficiency, cost effectiveness, better resource usage, clean environment, higher energy security and hence improved sustainable development.

This workshop provides an opportunity to interact with the experts and imbibe their knowledge through a technological conclave with training program.

## **ORGANIZING COMMITTEE**

### **CONVENER**

Dr. E. Kaliappan,  
Professor & Head of the department,  
Department of Electrical & Electronics Engineering,  
Easwari Engineering College,  
Ramapuram,  
Chennai - 600 089.

### **CO - ORDINATORS**

Dr. K. Mala  
Professor,  
Department of Electrical & Electronics Engineering  
Chennai - 89.

Mrs. D. Chandrakala  
Associate Professor,  
Department of Electrical & Electronics Engineering.  
Chennai - 89.

### **VENUE**

TRP Auditorium,  
Easwari Engineering College.

### **IMPORTANT DATES**

Last date for the receipt of application : 23.09.2017  
Inauguration of Selecon : 25.09.2017

### **KEY TOPICS ON DISCUSSION**

- Technology Development on Solar PV Industry
- Market Challenges and opportunities in Indian Solar PV Industry.
- Simulation of Solar PV System using Solar PRO Software

### **RESOURCE PERSONS**

The sessions will be handled by experts from ABB Company, Vao Energy India private Limited, Chennai and Eminent Professors from IIT Madras.