

## REGISTRATION DETAILS

Fresh graduates : ₹ 1000/-

Working professionals : ₹ 2500/-

The registration fee includes training fee, course material, and working lunch.

With a view to give individual attention to the participants and to make the program effective, the number of participants is restricted to 30.

Registration is by first-come first-served basis.

Applicants are requested to fill in online application form available at <http://goo.gl/5Ssq25> on or before 14th July 2013 and send the Demand Draft drawn in favour of "Amrita School of Engineering" payable at Coimbatore to the co-ordinator.

Accommodation for the participants will be arranged in the student hostels on request.

### IMPORTANT DATES

Last date for Registration : 14th July 2013

Intimation of Selection : 17th July 2013



3 days training on

# Solar Photovoltaic Systems

(Laboratory and Field Practice)

for Young Professionals & Entrepreneurs

25<sup>th</sup> – 27<sup>th</sup> July, 2013

Organized by



### Coordinators

Mr. N. Krishna Prakash

Mr. K. Vijith

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In association with  
Department of Electrical & Electronics Engineering  
Amrita School of Engineering



**AMRITA**  
VISHWA VIDYAPEETHAM  
UNIVERSITY

विद्यया न ममता आनन्दम्

Established u/s 3 of UGC Act 1956

Coimbatore – 641 112

## AMRITA VISHWA VIDYAPEETHAM



Amrita Vishwa Vidyapeetham, with its head quarters at Amritanagar, Coimbatore, is one of the young multicampus, multidisciplinary educational institutions in India to have been granted the university status u/s 3 of UGC act of 1956. This status was conferred on it by the Ministry of Human Resources, Government of India after meticulous inspection by the teams from University Grants Commission (UGC), Medical council of India (MCI) and All India Council for Technical Education (AICTE). Amrita Vishwa Vidyapeetham has been awarded "A" grade (the highest possible grade) by National Assessment and Accreditation Council (NAAC).

Amrita Vishwa Vidyapeetham offers education in fourteen disciplines including Engineering, Business, Bio-tech, Nanoscience and Medicine in five campus across the country through a team of dedicated and qualified faculty. Amrita is the nation's first multi-campus university inter linked via satellite, facilitating e-learning that transcends limitations of time and space. Amrita offers value-based education through its constituent schools. The international advisory board and the academic council comprising eminent academicians and industry stalwarts guide AMRITA in its efforts to achieve excellence in research and education.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



The Department, established in 1994, offers B.Tech, M.Tech (Power Electronics, Embedded Systems), C-WET sponsored PG Diploma programmes (Wind Power Development and Wind Resource Assessment) and Ph.D Programmes. The Department has laboratories in Power Electronics, Electric Machines, Electrical Measurements, Embedded Systems and Renewable Energy besides Electrical Workshop and Simulation Laboratories. The Department also provides opportunities to faculty members and students to pursue research in several world class universities under academic tie up.

### IEEE INDUSTRIAL ELECTRONICS SOCIETY

Amrita IEEE Industrial Electronics Society Student Branch Chapter was established in June 2012, with the mission of providing undergraduate and postgraduate students with useful resources for their academic and professional development. Various events like seminars, workshops and project contests have been organized by the IEEE IES Student Branch chapter since its inception.

## SCOPE OF THE WORKSHOP

This workshop aims hands-on training on the engineering aspects of Solar Photovoltaic systems. It aims to provide practical knowledge to the participants to make them industry-ready. The content of the workshop focuses on fundamentals of Solar PV, sizing and selection, Design, implementation and testing of various components of PV system etc. It also covers computer simulation of Solar PV that helps in understanding and developing the technology.

### TARGET PARTICIPANTS

Fresh graduates, young entrepreneurs, Engineers and managers in industry

### ELIGIBILITY

Graduates in Engineering (EEE/EIE/ECE or equivalent), diploma holders with experience.

### SESSION DETAILS

#### *Theory sessions*

- ◆ Fundamentals of Solar PV
- ◆ PV systems sizing and selection
- ◆ Design of inverters and controllers

#### *Practice sessions*

- ◆ Measurements & study of characteristics
- ◆ System assembling & testing
- ◆ Tutorial on system design
- ◆ Inverters & Controllers testing
- ◆ SPV simulations
- ◆ Field Visit