OBJECTIVE

Matching ever growing energy demand with the availability of limited resources remains as a major challenge/threat to the power sector industry. The need for renewable energy resources has been augmented in a large scale and aroused due to its huge availability and pollution free operation. In recent days, solar energy is widely favored for its applications such as water pumping, solar home systems. Charge controller, communications and space vehicles and even Megawatt scale power plants.

To promote solar energy Govt. of India has taken initiatives and targeted to deploy 100GW on grid connected solar power by the year 2022.The target can be achieved based on (i) long term policy, (ii) Large scale deployment goals, (iii) Aggressive R&D and (iv) Domestic production of critical raw material. This workshop aims in covering most important phenomena's relevant to solar energy power generation in standalone and grid connected system. Further, ideas pertinent to partial shade power generation will be covered. To enhance awareness on practical implementation hands on training sessions are planned on demonstrating the various connection schemes available for solar PV system.

OUTCOME OF THE SEMINAR

- This workshop will be a forum to investigate the research perspectives on Photo Voltaic (PV) Modeling.
- This workshop will provide an in-depth knowledge in efficient solar power energy conversion and it outlines the possibilities to enhance PV power generation globally.

TOPICS TO BE COVERED

- Solar Energy – A Global Scenario.
- Types of PV Modeling.
- Partial Shade Occurrence and its Effects.
- Methods for mitigating Shade Occurrences.
- Modeling and Simulation using MATLAB.

ORGANIZING COMMITTEE

Chief Patron	:	**Shri. K.P. Ramasamy** *Chairman*
Patron(s)	:	**Dr. A. M. Natarajan** *Chief Executive* **Dr. K. Bommanna Raja** *Principal*
Convenor	:	**Dr. V. Kumar Chinnaiyan** *Professor and Head / EEE*
Organizing Committee	:	**Prof. D. Sathishkumar** *AP (Sr.G)/EEE* **Prof. B. Lalitha** *AP (Sr.G)/EEE* **Dr.J.Prasanth Ram** *AP/EEE* **Prof. T. Jagadheesh** *AP/EEE*

RESOURCE PERSONS

Expert members from Industries and reputed Academic Institutions.

HOW TO APPLY

The participants can send their duly filled-in registration form to the coordinator along with the demand draft in favor of **"THE PRINCIPAL, KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY"** payable at Coimbatore. The applicants shall send their applications in the prescribed format to reach us on or before 26-08-2018.

Note: Multiple Registrations are also permitted with a single DD.

INTENDED AUDIENCE

Academicians, Research Scholars, Industry Personnel, Undergraduate and Postgraduate students.

Vision of the Department

To be the **Centre of higher learning** in the field of Electrical and Electronics Engineering by educating the students to meet the **global challenges** with **professional ethics and social consciousness.**

Mission of the Department

- Providing **technical, intellectual and ethical** environment to the students through **knowledge centric education and research.**
- Collaborating with industries in the vicinity, nationally and internationally for exposure and **innovation.**

One Day National Level Hands on Training

On

"MATLAB Simulation on PV Modelling and its Interconnection Ties"

31st August, 2018

REGISTRATION FORM

Name :

Designation :

Organization :

Gender :

Age :

Educational Qualifications :

Address for Communication :

Mobile Number :

E-mail ID :

Experience :

Teaching : _____ Year(s)

Others (Specify) : _____ Year(s)

Accommodation Required: Yes*/No

Payment Details

DD. No. :

Amount :

Date :

Bank Name :

**Limited Accommodation will be provided on chargeable basis of Rs. 150/day*

DECLARATION:

The information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the program for the entire duration.

Place:

Date: Signature of the Applicant

IMPORTANT DATES TO REMEMBER:

Last Date for Receipt of Applications : 26/08/2018
Date of Intimation Regarding Selection : 29/08/2018

REGISTRATION FEE:

Industrial Participants	: Rs.1000 /-
Academicians / Research Scholars	: Rs.500/-
UG/PG Students	: Rs.300/-

(Course fee includes refreshments, working lunch and course materials)

FOR RTGS/NEFT TRANSFER:

Name : KPR Institute of Engineering and Technology
Account No : 1122135000011955
IFSC code : KVBL0001122
Bank : Karur Vysya Bank
Branch : RS Puram, Coimbatore.

Registration form may also be submitted through the following link or scan QR code
https://goo.gl/qETaAo

Application form completed in all respect is to be sent to:

Dr.V.Kumar Chinnaiyan M.E., Ph.D.
Convenor

"MATLAB Simulation on PV Modeling and its Interconnection Ties"

Department of EEE
KPR Institute of Engineering and Technology
Arasur, Coimbatore – 641 407

For any other queries contact:

Prof. D.Sathishkumar - 9443319145, 9500531043
e-mail: d.sathishkumar@kpriet.ac.in

ABOUT THE INSTITUTION

KPR Institute of Engineering and Technology (KPRIET) was established in the year 2009. The institution is promoted by KPR Group, a renowned business house in India with interest in Textiles, Wind Energy and Sugar. The main focus is to offer quality education to the younger generation to strengthen our nation in the field of Engineering and Technology. Our institution is approved by AICTE and affiliated to Anna University, Chennai and Accredited by NAAC with 'A' Grade. The institution offers 7 UG courses in B.E.- Bio Medical Engineering, Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering and 4 PG courses in M.E. -CAD/CAM, VLSI Design, Computer Science and Engineering and Structural Engineering. The vision is to become a premier engineering and technological institute of academic excellence through its commitment in offering value based education to its students and to improve their technical, intellectual and professional skills in order to enable them to meet the diverse needs and challenges of the society, the nation and the world at large. KPRIET is the youngest institution accredited by NBA.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering enthralls the students to gain advanced knowledge and induces them with confidence to face the challenges of technical era. The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas. The intellectual and dedicated team of faculty members with specialization in diversified fields has helped in making it one of the best departments on campus. Established16 kWp solar power plant for enhancing research activities. Class rooms are enabled with ICT tools and the laboratories are equipped with live demonstration models. All the cadres of students are molded into successful graduates through Outcome Based Teaching Learning (OBTL). There are about 30 Faculty members in our department. Among them 6 are Ph.D. holders and 20 of them are pursuing Ph.D. Many of the students from our department won many prizes in various technical & non-technical competitions. We are racing towards 100 % placement.

One Day National Level Hands on Training

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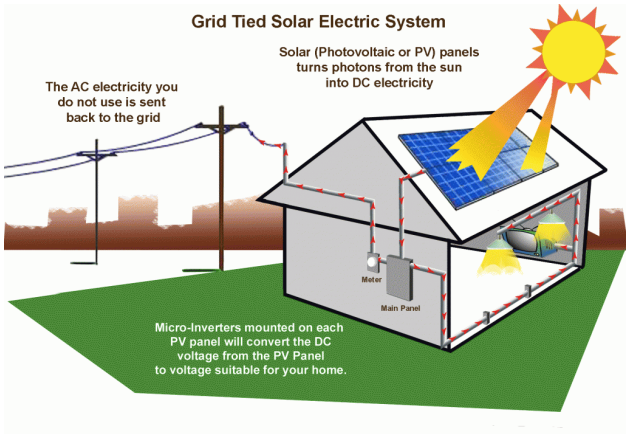

Organized by

Department of Electrical and Electronics Engineering

KPR Institute of Engineering & Technology

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25, Accredited by NBA (CSE, ECE, EEE & MECH) and NAAC with 'A' Grade, an ISO 9001:2015 and ISO 14001:2015 Certified Institution, DSIR Certified Scientific and Industrial Research Organization)

In Association with

IEEE

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