

## WHO CAN PARTICIPATE

The One day Seminar is open to the faculty of Academic Institutions, Research Scholars, PG and UG Students of Engineering.

## REGISTRATION FEE

UG / PG Students	Rs.250/-
Faculty / Research Scholar	Rs.350/-

The fee includes the course material, tea, snacks. Participants, who would like to commute from Madurai, can avail the bus transport of K.L.N.C.E.

The fee does not cover accommodation and No TA/DA will be provided to the participants. However on request and depending on the availability, accommodation could be provided in the student's hostel at moderate charges.

Program will be held at K.L.N. College of Engineering, EEE Seminar Hall on 04<sup>th</sup> October 2013, between 9.00 a.m and 3.15 p.m.

## HOW TO APPLY

Photocopy of the application form duly signed and recommended by the Head of Institution / Department may be sent to the coordinators along with Demand Draft drawn in favor of "**The Principal, K.L.N. College of Engineering**" payable at Madurai, so as to reach us on or before 28<sup>th</sup> September 2013.

## ADDRESS FOR COMMUNICATION

### K.L.N. COLLEGE OF ENGINEERING

(An ISO 9001 : 2008 Certified Institution)

Pottapalayam, Sivagangai District,

Tamilnadu, India.

Pincode - 630 611.

(11 km from Madurai City)

Ph.No. +91-452-6562171, 6562172

+91-452-2090971, 2090972

## COORDINATORS

**M. JEYAMURUGAN, M.E.,**

Asst. Prof / EEE, K.L.N.C.E.

Email: [jeyam3182@gmail.com](mailto:jeyam3182@gmail.com)

Mobile: 9600637578

**P.K. ARUN KUMAR, M.E.,**

Asst. Prof / EEE, K.L.N.C.E.

Email: [klnceeee@gmail.com](mailto:klnceeee@gmail.com)

Mobile: 9003854353

## One Day Seminar on

### *Power Electronics Applications in Solar and Wind Energy using MATLAB*

04<sup>th</sup> October 2013

Organized by



## Department of EEE

(Accredited by NBA, New Delhi)

### K.L.N. College Of Engineering

(An ISO 9001 : 2008 Certified Institution)

Pottapalayam – 630611,

Sivagangai District.

[www.klnce.edu](http://www.klnce.edu)

## Convener

**Dr. A. V. RAMPRASAD,**

Principal, K.L.N.C.E

## Co-convener

**Dr. S. M. KANNAN,**

HOD / EEE, K.L.N.C.E

## ABOUT THE COLLEGE

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in 1994. This college is sponsored by the committee of eminent industrialists and academicians led by enthusiastic, and educationalist (Late) Thiru. K.L.N. Krishnan. This college has the approval of All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai.

## ABOUT THE DEPARTMENT

Started offering B.E. in Electrical and Electronics Engineering in the year 1994 with an intake of 40 and with the latest intake of 120 in 2011. Started offering M.E. in Power Systems Engineering in the year 2005 with an intake of 20 and increased intake to 24 in 2012. Accredited for three times (2004, 2008 and 2012) by National Board Accreditation, New Delhi. The department has well equipped laboratories such as Electrical Machines, Power System Simulation, Control Measurements and Instruments, Power Electronics and Microprocessor and Controllers. The R&D cell of the department are doing consultancy work on "Industrial Harmonics Study".

## OBJECTIVE OF THE SEMINAR

Application of Power electronics ranges from power supplies to motion control, factory automation, transportation, industrial drives, power quality, and renewable energy systems. This will play a dominant role in industrial and utility applications with increased emphasis on energy saving and preserving the green environment. So the objective of this Seminar is to explore the role and possibility of MATLAB along with its tool boxes in Solar PV and Wind Energy Systems to promote Modeling, Simulation & Virtual Experimentation with emphasis on Analysis, Design, and Simulation study. MATLAB allows Matrix manipulations, plotting of functions & data, implementation of algorithms, creation of user interfaces & interfacing with software written in other languages. This seminar aims at explaining Power Electronic circuits and the application of MATLAB for the analysis of Solar PV and Wind Energy conversation systems

## RESOURCE FACULTY

**Dr. L. Ashok Kumar, M.E., M.B.A., Ph.D.,**

Recognized Chartered Engineer, (IE) – India

Associate Professor

Department of EEE

P.S.G. College of Technology

Coimbatore

## K.L.N. COLLEGE OF ENGINEERING

Pottapalayam – 630611

Department of Electrical and Electronics Engineering

**One Day Seminar**

**On**

*Power Electronics Applications in  
Solar and Wind Energy using MATLAB*

**04<sup>th</sup> October 2013**

### APPLICATION FORM

Name

(in Block Letters) :

Designation :

Department :

Category : Faculty / Ph.D Scholar /  
PG P& UG Student

Organization :

Address for :

Communication

Mobile No. :

Email Id :

Demand Draft No :

Bank : Date:

Amount in Rs. :

Applicant's Signature

**Sponsorship from the Head of the Institution / Department**

This is to certify that Mr/Ms.....of

.....  
is sponsored to participate in the one day Seminar on "Power Electronics Applications in Solar and Wind Energy Using MATLAB" on 04<sup>th</sup> October 2013, at K.L.N. College of Engineering, Pottapalayam, Sivagangai District.

**Signature**  
(Designation & Seal)