

#### IMPORTANT DATES

Last Date for Receipt of Application : 20-07-2016

Confirmation through Mail : 23-07-2016

#### HOW TO APPLY

Photocopy of the application form duly signed and recommended by the Head of the Institution/Dept., may be sent to the convener along with Demand Draft on or before 20-07-16. Demand Draft drawn in favour of "The Principal, K.L.N. College of Engineering" payable at Madurai should be sent along with the registration form.

#### REGISTRATION FEE

Non ISTE members :Rs 250/-  
ISTE members :Rs 200/-

The fee includes the course material, tea, snacks. Participants, who would like to commute from Madurai, can avail the bus transport of KLNCE. No TA/DA will be provided for the participants. Accommodation will be provided at KLNCE campus depends on the availability at nominal charges on first come first serve basis. Scanned copy of Registration form can be sent through email provided.

#### Venue

K.L.N. College of Engineering, Pottapalayam – 630 612, Sivagangai district, Tamilnadu, (about 11 KM from Madurai city)

#### CONVENER

Dr.A.V. Ramprasad, Principal

#### CO-CONVENER

Dr.S.M. Kannan, Professor & HOD

#### CO-ORDINATORS

Dr. S. Venkatesan  
Prof. A. Marimuthu

#### CO-COORDINATORS

Prof. P. Loganthurai  
Prof M. Bharani Lakshmi

#### ADDRESS FOR COMMUNICATION

Prof. A. Marimuthu,  
Department of Electrical and Electronics  
Engineering,  
K.L.N. College of Engineering,  
Pottapalayam – 630612,  
Sivagangai Dt., Tamilnadu.  
Email:marimuthu\_a@yahoo.com  
9865002712, 9790672188



ISTE Sponsored  
Two Days Seminar  
on



## Power Electronics Converters for Smart Grid Functionality using MATLAB

29<sup>th</sup> & 30<sup>th</sup> JULY 2016

Organized

by

Department of  
ELECTRICAL AND ELECTRONICS  
ENGINEERING

K.L.N. College of Engineering  
(An ISO 9001:2008 Certified Institution)  
Pottapalayam – 630 612,  
Sivagangai District, Tamilnadu  
Approved by AKTE, New Delhi &  
Permanently Affiliated to Anna University,  
Chennai.

Ph.:+91-452-2090971, 2090972, 6562171

Fax:+91-452-2090070

Website: www.klnce.edu

#### ABOUT THE COLLEGE

K.L.N. College of Engineering is the first self-financing Co-educational Engineering Institution in Madurai incorporated in 1994. Our college is sponsored by a committee of eminent Industrialists & Academicians and founded by enthusiastic Industrialist Shri. K.L.N. Krishnan. Our college has been approved by All India Council for Technical Education, New Delhi, and it is affiliated to Anna University, Chennai. The college is located in the south eastern outskirts of Madurai and is 11 km away from Madurai City. The college runs Seven Undergraduate Engineering programs and Six Postgraduate programs. Our college is a recognized Ph.D Research Centre for MCA, MBA, Mechanical Engineering, Electrical Engineering & Electronics and Communication, Computer science and Engineering Departments. The College has excellent infrastructure with College Automation and high Internet bandwidth.

#### ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is three times accredited by NBA and recognized as a research center of Anna University, Chennai. It runs a Post Graduate course in Power System Engineering besides the Under Graduate Program in Electrical and Electronics Engineering. The department has an exceptional infrastructure facility with Industrial and research backgrounds and has excellent computing facilities with the latest software.

#### OBJECTIVE OF THE SEMINAR

The seminar will deliberate to discuss and interact with peers on the following topics

- Basics of MATLAB
- Smart Grid concepts
- Role of Power Electronics in Power System
- Challenges of Power Electronic system in smart grid system
- Simulation of Power Converters using MATLAB
- Simulation of Power Electronic Drives using MATLAB
- Soft computing Techniques in Power Electronic System

#### Seminar Overview

The seminar on Power Electronics Converters for Smart Grid Functionality using MATLAB is organized by the Department of Electrical and Electronics Engineering, K.L.N. College of Engineering during 29<sup>th</sup>-30<sup>th</sup> July 2016. The seminar will include talks on recent developments in Power electronic applications in smart grid, invited presentations by leading experts and researchers. We invite all UG and PG students, Research scholars, Engineers and Academicians in the broad area of related fields participate in the deliberations of the seminar.

#### Power Electronics Converters for Smart Grid Functionality using MATLAB

##### REGISTRATION FORM

Name of the Participant:

College Name:

Department:

Address for Communication:

Phone/Mobile:

E-mail:

Accommodation required: Yes / No

Demand Draft Particulars:

DD No.:

Date:

Amount:

Date:

Signature of Applicant

##### SPONSORSHIP FROM THE HEAD OF THE INSTITUTION/DEPARTMENT

This is to certify that Mr./Ms. .... of ..... is Sponsored to participate in the Two days Seminar on Power Electronics Converters for Smart Grid Functionality using MATLAB during 29<sup>th</sup>- 30<sup>th</sup> July,2016 at K.L.N. College of Engineering.

Date:

Signature  
(Designation and Seal)