ISTE and IIPC sponsored

National Level
Faculty Development Programme
On

RECENT ADVANCES IN RENEWABLE ENERGY SYSTEMS AND MICRO GRID APPLICATIONS (RE&MG-2017)

7th & 8th JULY 2017

REGISTRATION FORM

1. Name : _____
2. Designation : _____
3. Qualification : _____
4. Institution/Organization Address : _____

_____

_____

_____

Phone : _____

Email id : _____

5. Accommodation required : Yes / No
6. Details of registration fee :

Amount : _____

DD No. : _____ Date: _____

Name of the bank : _____

7. Participant category : Industry/Academic/R&D

8. Signature of the Head of the institution/Research guide

Office seal :

Date :

Place :

Signature of the applicant

Registration details :

Registration from participants are to be sent in the prescribed format duly attested by the Head of the Institution/Dept along with the registration fee in the form of a DD drawn in favour of "The Principal, K.L.N College of Engineering" payable at Madurai on or before 28th June 2017. Spot registration is also applicable for the participants

Participants can avail the college bus facility for conveyance from Madurai during the period of FDP. However, if required, accommodation can be arranged in the hostels.

Faculty/Research Scholars/ P.G Scholars/ UG final year students : **Rs.500/-**

Industry delegates : **Rs.750/-**

Last date of receipt of application : **30-06-2017**

Intimation to the selected candidates : **03-07-2017**

Eligibility

Engineering college Faculty/Research Scholars/ P.G Scholars, UG final year students and Industry delegates with an aptitude and interest in the above field are eligible for the programme .The maximum number of participants for this programme is limited to 50.

Selection procedure

The aspirant sponsored applicants can submit their duly filled in application to the coordinator.

How to reach:

1. From Madurai railway station and periyar bus stand: Buses to Nedungulam, Kanchirankulam, Kosavapatti - routes.
2. KLN College buses will ply from Matuthavani and Periyar Bus stand at 7.45 am

For Correspondence

Dr. C. VIMALARANI

Organizing Secretary

Department of Electrical & Electronics Engineering

RE&MG-2017

K.L.N. College of Engineering, Pottapalayam-630 612

Sivagangai District, TamilNadu, India.

e-mail :jaysanjayvim@gmail.com

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Estd.1994

Organized by

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

(Accredited by NBA, New Delhi)

(Approved Research Centre by Anna University, Chennai)

K.L.N. COLLEGE OF ENGINEERING

An ISO 9001 : 2015 Certified Institution

(Approved by All India Council for Technical Education, New Delhi & Affiliated to Anna University, Chennai)

(Approved Research Centres for Mechanical, Electrical, CSE, ECE & MBA by Anna University, Chennai)

Pottapalayam-630 612, Sivagangai District.

Website: www.klnce.edu.

About the Faculty Development Programme

Renewable Energy Systems are gaining more importance in the recent years due to increasing demand-supply gap, depleting fossil fuels and global warming concerns. The integration of renewable energy sources like wind and solar have shown their effectiveness in achieving the sustained socio-economic growth with the adoption and development of more advanced technology. The initiatives taken by the Government of India has upscaled the target of renewable power capacity to 175 GW which includes 100 GW from Solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small-hydro power to be achieved by 2022 and provide a huge opportunity to all the stakeholders working in this area. A worldwide research on deployment of Micro grid with the utilization of renewable energy resources is going on. Moreover, in Indian context, Micro Grid seems to have several applications as per the available conditions to change the current unreliable power scenario to a reliable one.

This faculty development programme is intended to provide exposure to faculty members, research scholars and PG students to the concepts of recent advances and applications in Renewable Energy Systems (RES) and Micro grids in research perspectives.

Topics to be covered

- ☆ Distributed Generation
- ☆ Micro Grid requirements
- ☆ Design of Solar system, Balancing and control of solar PV system
- ☆ Power issues in solar PV system
- ☆ Basics of Wind generation
- ☆ Power quality issues in the wind generation.
- ☆ Challenges and issues - Power Grid

Resource persons

Dr. C. Sharmeela,
Assistant Professor
College of Engineering
Guindy, Chennai

Dr. Immanuvel Selvakumar,
Professor and Head
Karunya University
Coimbatore

Mr. R.R. Murali
Cheif Manager
Power Grid Corporation of India Ltd,
Dharmapuri

Convener

Dr. A.V. Ram Prasad
Principal, KLNCE

Co- Convener

Dr. S. M. Kannan
Professor & Head/EEE, KLNCE

Coordinators

Dr. C. Vimalarani, ASP/EEE, KLNCE
Dr. J. Sangeetha, ASP/EEE, KLNCE
Dr. M. Mahalakshmi, AP/EEE, KLNCE

Members

Faculty members of Electrical and Electronics Engineering Department

Go Green
Plan for energy independence

About the Institution

K.L.N. College of Engineering is the first self financing Co-educational Engineering Institution in Madurai incepted 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. Our college is an ISO 9001:2015 certified institution. 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 MECH, EEE, ECE and CSE. The College has excellent infrastructure with College Automation and 10 Mbps Internet bandwidth.

Accredited by	Recognized	Recognized
NBA	Research Centre	Nodal Centre
for	*for*	*for*
EEE, ECE, Mech, CSE and B.Tech - IT	EEE, ECE, Mech, CSE and MBA	QUALITY IMPROVEMENT CELL

K.L.N. COLLEGE OF ENGINEERING, POTTAPALAYAM

About the Department

The Department of Electrical and Electronics Engineering was started 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 2004 with an intake of 18 and intake increased to 24 in 2012. The department is fully equipped with the latest equipments in Electrical Machines Lab, Power Electronics Lab, Control, Measurements and Instrumentation Lab, Electronics, Digital Circuits and Microprocessor lab and has excellent computing facilities with latest simulation software in Power system Simulation Laboratory.