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### CO-CONVENER

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### CO-ORDINATORS

Prof. S.Venkatesan  
Prof. A.Marimuthu  
Prof. P.Loganthurai

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Dr.K.Shanthi Swarup	IIT Madras, Chennai
Dr.P.S.Kannan	TCE, Madurai
Dr.N.Kamaraj	TCE, Madurai
Dr.P.Venkatesh	TCE, Madurai
Dr.S.Mary Raja	Hoon University,
Sulochanal	Libya
Dr.P.Renuka	TCE, Madurai
Dr.D.Devaraj	Kalasalingam
	University
Dr.S.Subramanian	Annamalai University
Dr.C.Christober	PEC, Pondicheery
Asir Rajan	
Dr.R.Gnanadass	PEC, Pondicheery

### ORGANIZING COMMITTEE

K.Gnanambal, *Asst.Prof.*,  
M.Jegadeesan, *Asst.Prof.*,  
S.Parathasarathy, *Selection Grade Lecturer*  
A.Srinivasan, *Senior Lecturer*,  
A.S.S.Murugan, *Senior Lecturer*,  
A.Rathina Grace Monica, *Senior Lecturer*,  
R.Pandian, *Senior Lecturer*,  
R.M.Sasiraja, *Senior Lecturer*,  
R.Venkatanarayanan, *Senior Lecturer*

### ADDRESS FOR COMMUNICATION

The Co-ordinator – ETPS-2010,  
Department of Electrical and Electronics Engineering,  
K.L.N. College of Engineering,  
Pottapalayam – 630611,  
Sivagangai Dt., Tamilnadu.  
Email: etps10@gmail.com  
Ph: 9790672188, 9486608059, 9952112115

### ABOUT MADURAI



Madurai, the second largest city in Tamil Nadu, is known for its world renowned Meenakshi Temple. This temple is famous for its intricate carvings and scriptures. The city of Madurai is situated at the bank of river Vaigai and boasts of a rich culture and heritage. The adventurous lot of tourists can visit Periyar Wildlife Sanctuary and Megamalai tea estates, while the nature lovers can go to Kodaikanal, Rameshwaram and Kanyakumari. Thus, Madurai presents a beautiful blend of art, culture, spirituality, technology and entertainment, thus making it a popular tourist destination.

## THE SECOND NATIONAL CONFERENCE ON EMERGING TRENDS IN POWER SYSTEMS (ETPS-2010)

**6<sup>th</sup> & 7<sup>th</sup> MAY 2010**

Organized  
by



Department of  
Electrical and Electronics Engineering  
(Accredited by NBA)

### **K.L.N.College of Engineering**

(An ISO 9001:2008 Certified Institution)

Pottapalayam – 630 611,

Sivagangai District, Tamilnadu

Approved by AICTE, New Delhi & Affiliated to Anna University

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

Fax: +91-452-2090070

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



## ABOUT THE COLLEGE

K.L.N.College of Engineering is the first self financing Co-educational Engineering College in Madurai started in the year 1994 and is sponsored by a committee of eminent industrialists and academicians led by a great philanthropist Shri.K.L.N.Krishnan. This college has been approved by AICTE, New Delhi and affiliated to Anna University. This college is an ISO 9001:2008 certified institutions and offers seven U.G. programmes and five P.G. Programmes.

This college campus situated in a quite environment about 11 KM from Madurai city. This college has excellent infra- structure, well – equipped laboratories, library with online subscriptions and other general facilities.

## ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is accredited by NBA It runs a Post Graduate course in Power System Engineering besides the Under Graduate Program in Electrical and Electronics Engineering. The department has excellent infra-structure facility with Laboratories, IEEE Library and computing facilities with the latest software.

## CONFERENCE OVERVIEW

The Second National Conference on Emerging Trends in Power Systems (ETPS-2010) is organized by the Department of Electrical and Electronics Engineering, K.L.N.College of Engineering during 6<sup>th</sup> -7<sup>th</sup>, May 2010. The conference will include plenary talks on recent developments in Power systems, invited presentations by leading experts and researchers. The organizing committee invites all research scholars, engineers, academicians and students in the broad area of related fields to participate in the deliberations of the conference.

## VENUE

K.L.N.college of Engineering, Pottapalayam – 630 611, Sivagangai district, Tamilnadu, (about 11 KM from Madurai city.)

## CONFERENCE THEMES

- ❖ The conference will deliberate on the following topics, but not limited to
- ❖ Soft computing techniques to Power systems
- ❖ Power system analysis and optimization
- ❖ Power system planning and operation
- ❖ Power quality issues, harmonic problems & solutions
- ❖ Energy Management and Environmental issues
- ❖ Renewable Energy Sources
- ❖ HVDC and FACTS
- ❖ Smart Grid
- ❖ Energy Market Liberalization
- ❖ Protective Relaying
- ❖ Distributed Power Systems
- ❖ Power Line Communications
- ❖ Electrical Machines and Power Electronic Drives
- ❖ Power Converters Modeling, Simulation and Control
- ❖ High Voltage Engineering
- ❖ Virtual Instrumentation

## GUIDELINES FOR PAPER SUBMISSION

Authors willing to present their work are requested to send one Hard copy by post and one by email as attachment, using MS word. The papers strictly should not exceed six A4 size pages and be in IEEE format. All papers will be fully reviewed by Referees.

## IMPORTANT DATES

Last Date for Submission of full paper : **03-03-2010**  
Paper Acceptance intimation : **15-03-2010**  
Submission of Camera ready papers : **31-03-2010**  
Last Date for Registration : **07-04-2010**

## REGISTRATION FEE

Faculty members from colleges/Industries : Rs 1000/-  
Research Scholars/Students : Rs 500/-

The fee is to be sent by Demand Draft drawn in favour of '**Principal, K.L.N. college of Engineering**' payable at Madurai. The fee includes the Conference Proceedings, Refreshments, Lunch and Conference kits.No TA & DA will be paid.However on request, accomadation could be provided in the college hostel at moderate charges.

## K.L.N.College of Engineering

### The Second National Conference on Emerging Trends in Power Systems -2010

#### REGISTRATION FORM

NAME :

DESIGNATION :

ACADEMIC QUALIFICATION :

EXPERIENCE :

INSTITUTIONS AND ADDRESS  
FOR COMMUNICATION :

PHONE /MOBILE NO :

E-MAIL ADDRESS :

ACCOMMODATION REQUIRED : YES/NO

DD PARTICULARS :

Date: Signature of Applicant

#### SPONSORSHIP FROM THE HEAD OF THE INSTITUTION

This is to certify that Mr./Ms.....  
.....of .....  
.....is Sponsored  
to participate in the Conference on Emerging  
Trends in Power Systems -2010 during 6 -7<sup>th</sup>  
May 2010 at K.L.N.College of Engineering.

Date: Signature  
(Designation and Seal)