

## REGISTRATION FORM

Name:  
Designation:  
Organization:  
Contact Address:  
Email:  
Mobile:  
IEEE Member: Yes / No  
(If yes attach Copy of membership card)  
Registration Fees:  
DD Number:  
Date:  
Bank:  
DD should be drawn in favor of  
IEEE MADRAS SECTION payable at Chennai.  
Date: Signature of Applicant

**Filled Registration Form along with DD to be sent to  
IEEE MADRAS SECTION  
Room No 3, ISTE Professional Center,  
Gandhi Mandapam Road, Kotturpuram,  
Chennai – 600025**

## Coordinators

Dr. P.Arunajeyanthi/ HoD/EEE  
Dr.V.Agnes dhaya selvi /EEE  
Kalasalingam Academy of Research and Education  
Krishnankoil

## Contact Persons for the program

Dr.D.Devaraj  
Chair - Education Activities  
IEEE Madras Section  
[deva230@yahoo.com](mailto:deva230@yahoo.com)

Dr.V.Agnes Idhaya selvi  
Associate Professor/ EEE  
Kalasalingam Academy of Research and Education  
Krishnankoil  
[agnesvelusamy@gmail.com](mailto:agnesvelusamy@gmail.com)

## CONTACT ADDRESS

**IEEE MADRAS SECTION  
Room No 3, ISTE Professional Center,  
Gandhi Mandapam Road, Kotturpuram,  
Chennai – 600025  
[ieemas@gmail.com](mailto:ieemas@gmail.com)**

Land Line: +91- 44- 24423939  
Mobile: 9382328776

## IEEE MADRAS SECTION



## Faculty Development Program

On

**Software tools for simulation and analysis  
of power system**

**MAY 24-26, 2018**

Organized by

**IEEE Madras Section  
&  
IEEE SB (34451)  
Kalasalingam Academy of Research and  
Education**

Venue

**Department of Electrical and Electronics  
Engineering**

**Kalasalingam Academy of Research and  
Education, Krishnankoil – 626126**



## **About the Institution & EEE Department**

Kalasalingam Academy of Research and Education (KARE), formerly known as Arulmigu Kalasalingam College of Engineering (AKCE) was started in 1984. Late “Kalvivalal” Thiru T. Kalasalingam, a veteran freedom fighter is the founder Chairman of the College. The Ministry of Human Resources Development, Government of India, New Delhi has granted University status (Under section 3 of UGC Act 1956) wide notification No. F.9-2/2002/U.3 dated 20<sup>th</sup> October 2006 to AKCE. At present the University is offering 30 Under Graduate, 35 Post Graduate Programmes and 17 doctoral programs. The University is accredited by NAAC with A grade and 6 of the U.G. programmes are accredited by NBA under Tier-I category.

The department of Electrical and Electronics Engineering was established in the year 1992. Presently the department is offering B.Tech in Electrical and Electronics Engineering, M.Tech in Power System Engineering, M.Tech in Power Electronics and Drives and M.Tech in Renewable Energy Technologies. In addition to that the department is offering Ph.D. program also. The department has been accredited by National Board of Accreditation (NBA) under Tier-I category for a period of three years (2017-20). The department is equipped with 9 laboratories with state of the art facilities to enrich the knowledge of the students.

## **About the IEEE**

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a nonprofit organization, is the world's leading professional association for the advancement of technology. IEEE offers a wide range of learning, career enhancement, and employment opportunities within the engineering sciences, research and other technology areas. The goal of these programs is to ensure the growth of skill and knowledge among professionals and to foster individual commitment to continuing education among IEEE members, the

engineering and scientific community and the general public. IEEE Student branches provide an opportunity for student members to begin networking in their areas of interest and future profession. There are nearly 2,000 student branches in 80 countries at various educational institutions.

## **IEEE Madras Section**

IEEE Madras Section came into existence in 1973 and has crossed its silver jubilee year. The IEEE Madras Section conducts technical lectures, symposiums and conferences by eminent personalities from several fields. The section is concerned about the welfare of the students in this part of the country and wants to improve the teaching learning process in the Engineering Colleges and Universities. IEEE Madras Section has received the Large Section Award for the year 2016.

## **About the Faculty Development Program**

The study of modern power system requires effective software tools for simulation and analysis. The purpose of this program is to provide in depth knowledge on power system modeling and simulation and to provide hands on experience on conducting various studies like load flow study, Optimal power flow, fault analysis, stability analysis and electromagnetic transient analysis on power system using software tools like Matlab, ETAP and PSCAD/EMTDC. Case studies on real world problems will also be presented.

## **Participants**

Faculty from Technical Universities/Engineering Colleges of Tamilnadu can participate.

## **Course contents:**

- Load Flow Analysis
- Optimal Power Flow
- Short Circuit study
- Transient Stability Analysis
- Relay Co-ordination
- Electromagnetic Transient study

## **Course Fee**

IEEE Members : Rs 500  
Non IEEE Members : Rs 1000

## **Resource Persons**

Er. R. Paneer selvam ,  
superintending Engineer (Retd),  
TNEB - Chennai

Dr. P.Raja  
Associate Professor  
Electrical and Electronics Engineering,  
NIT Trichy -620015

Mr. D. Sudharsan,  
Asst. Engineering Manager,  
Electrical Power Transmission and Distribution,  
L & T, Chennai

Dr. D. Devaraj  
Professor, Dean,  
School of Electronics & Electrical Technology  
Kalasalingam University

Dr. R. Narmatha banu,  
Professor,  
Velammal College of Engineering and Technology,  
Madurai

## **Important Dates**

Last Date for registration: **May 18, 2018**  
Intimation by email: **May 21, 2018**