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(If yes attach Copy of membership card)
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DD should be drawn in favor of
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IEEE MADRAS SECTION
Room No 3, ISTE Professional Center,
Gandhi Mandapam Road, Kotturpuram,
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IEEEMADRAS 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

Coordinators

Dr. P. Arunajeyanth/ HoD/EEE
Dr. V. Agnes Dhaya Selvi / EEE
Kalasalingam Academy of Research and Education
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Contact Persons for the program

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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 “Kalvi Vallal” 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 20th 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