

**Training Programme
on
“Internet of Things & Smart Grid”**

18th - 20th May, 2017

Registration Form

Name :

Designation :

Organization :

Address :

Email ID :

Phone No :

Reg. Category :

IEEE member : Yes/No
(If yes enclose photocopy of membership card)

Reg. Fee :

DD No :

Date :

Bank :

Accommodation : Yes/No
Required

Date: **Signature of the Candidate**

Signature of Head of the Institution/Department

Organizing Committee

Chief Patron

Dr. K. Sridharan, Chancellor, KLU

Patron

Dr. S. Shasi Anand, Director, KLU

Chairman

Dr.S.Saravana sankar, Vice-Chancellor, KLU

Convenor

Dr. D. Devaraj, Dean-Academic, KLU

Co-ordinators

Mr.A.Robertsingh, AP / CSE

Mr.M. Krishna Paramathma, AP / EEE

Mr.M.Karuppasamy pandian, AP / EEE

How to reach Kalasalingam University?

By Road: Kalasalingam University is located near National Highways 744 (NH744 Madurai to Kollam) 65 KM southwest from Madurai. Round the clock bus services are available to krishnankoil from Madurai and other cities.

By Train: Nearest railway station is srivilliputhur 11 KM from Kalasalingam University. Pothigai super fast express is connecting srivilliputhur from Chennai. Madurai junction is the next major railway station well connected by train with all the major cities in India.

Address for Communication

Dr. D. Devaraj,
Dean-Academic & IEEE Student branch counselor,
Kalasalingam University,
Anand Nagar, Krishnankoil-626126.
Virudhunagar District, Tamilnadu.
Ph: 8807534877

Email: ieee.klu.studentbranch@gmail.com

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Organized by,

KLU - IEEE Student Branch (34451)



KALASALINGAM
Academy of Research and Education
UNIVERSITY
Est'd.U/S 3 of UGC Act 1956. Re-Accredited by NAAC with "A" Grade
www.kalasalingam.ac.in | 1800 425 7884 | 1800 425 9395

Anand Nagar, Krishnankoil - 626 126
Srivilliputtur (via), Virudhunagar (Dt)
Tamil Nadu, INDIA.
Ph : 04563 289012 / 22 / 32 / 42 / 52 / 72
e-mail : admissions@klu.ac.in
web : www.kalasalingam.ac.in

About the University

Kalasalingam University, formerly known as Arulmigu Kalasalingam College of Engineering (AKCE) was started in 1984. Late “Kalvivallal” 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. The University is located at the foot hills of the Western Ghats in a rural setting of Virudhunagar District. It started functioning from the academic year 2007-08.

At present the university is offering 28 Under Graduate, 44 Post Graduate Programmes and doctoral programs. Kalasalingam University is the first institution in Asia to offer the six year Integrated B.Tech. programme for the Speech & Hearing Impaired Persons (SHIP). The university is accredited by NAAC with A grade and 3 of the U.G. programmes are accredited by NBA.

TIFAC-CORE in Network Engineering and National centre for Advanced Research in Discrete Mathematics (n-CARDMATH) has been set up with the financial support of DST, Government of India to promote research. The International Research Centre (IRC) at KLU is a testament to the vision of the founder to create a true hub of research that goes beyond the boundaries of the country. Over 1 lakh square feet is dedicated to the development of research and innovation in the fields of computing, energy and materials. The university has signed MOU with foreign universities, research organizations and industries with an objective of promoting research and development.

About the KLU-IEEE Students Branch

The IEEE is the world’s largest professional association for the advancement of technology. Through its global membership, the IEEE is a leading authority on areas ranging from Aerospace systems, Computer and Telecommunications to Bio-Medical Engineering, Electric Power and consumer Electronics. The value of IEEE membership does not justify the cost. The membership is used to stay current with the fast changing world of technology.

The KLU-IEEE Students Branch (34451) was inaugurated on 30th October 2006 in the Kalasalingam University campus. For the past one decade, it has been successful in shimmering out the tranquil thoughts of the students by organizing various conferences, workshops and Guest Lectures. The KLU-IEEE Students Branch has proven its uniqueness by leading ahead with pro student activities under the guidance of Branch counselor Dr.D.Devaraj. The Student branch perpetually tries to simulate technological innovations in the field of engineering and provide a platform to the student and professional members.

About the Training Programme

Internet of Things (IoT), “the internet in which the things are connected to each other” is the extension and expansion of Internet based network. IoT is enabled by the latest developments in RFID, smart sensors, communication technologies and Internet protocols. IoT is an important technical means to enhance the operation of Smart Grid. Smart Grid uses the advanced technological innovation and development for efficient and reliable power transmission and distributions. SG is the classical power grid augmented with a large scale Information and Communication Technology (ICT) and Renewable Energy integration. Presently, the applications of Internet of Things technology in smart grid has been the research topic at the global level. This training programme

on “Internet of Things and Smart Grid” will provide extensive training to the participants on IoT, Building automation and Smart Grid.

Topics to be discussed

- Internet of things (Io)-An overview and architectures
- Internet of things (Io)- Technologies, standards
- Internet of things (Io)- Layers and Protocols-(IPv6, 6LoWPAN, RPL, 6Tisch)
- Building IoT based short range RF wireless sensor Mesh Network
- Internet of things (IoT) for Home Automation
- Internet of things (IoT) for Smart Cities
- Smart grid technologies and applications
- Internet of things (IoT) for Smart Grid
- Smart Meter & AMI

Resource persons

- Experts from premier institutions and Central Power Research Institute (CPRI), Bangalore will conduct the training programme.

Target Audience:

Faculty Members, Research Scholars, P.G. and final year U.G. Students.

Registration Fee

Participants	IEEE Members	Non IEEE Members
Students and Research scholars	Rs.300	Rs.500
Faculty members	Rs.500	Rs.750

Last Date for Registration is **May 17th, 2017.**

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