

ABOUT THE UNIVERSITY

Kalasalingam University (formerly Arulmigu Kalasalingam College of Engineering) was established in the year 1984 by the Kalasalingam Anandam Ammal Charities. "Kalvivalal" Thiru T. Kalasalingam, veteran freedom fighter, is the founder chairman. The founding philosophy of the Institute is to "Empower Youth", for development through technology. The University offers 16 U.G. courses, 29 P.G courses and Ph.D programs in all disciplines. Our University is the first institution in India to offer the 6 years Integrated B.Tech course in Engineering for the Speech & Hearing Impaired Student. The University has signed MoU with many foreign universities, research organizations and industries with an objective of promoting research and development. Our university is accredited by National Assessment and Accreditation Council (NAAC), Bengaluru.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was instituted in the year 1993 to start a 4-year degree programme affiliated to Madurai Kamaraj University. Presently the department is offering B. Tech in Electronics and Communication Engineering, M.Tech in 'Digital Communication & Network Engineering' and M. Tech in 'VLSI Design'. In addition to that the department is offering Ph.D. program. Recently B. Tech ECE Program got accredited by National Board of Accreditation (NBA) for 3 years under Tier I Category (2015-2018). The department has established a Center for Signal Processing and VLSI Design through the funding of 42 lakhs from Department of Science and Technology under the DST-FIST scheme.

ABOUT THE CLT

Year 2008 heralded a new era with the creation of the Centre for Learning Technologies (CLT) guided by the mission to facilitate the faculty of Kalasalingam University on soft skills and related disciplines. The courses on pedagogy, soft skills training and department specific refresher courses is aimed at enabling faculty to train students to meet global requirements as well as get equip them for on and off campus training. Visiting faculties from premier institutions around the nation – IISc, IITs, IIMs, ISI, NITs, R&D labs to name a few and also from abroad will conduct on campus training in the university premises.

The new approach to Student Centric learning is being taught the faculty to implement in classrooms. The detailed planning will create a flexible framework that will integrate classroom lectures with practical projects and bridge the gap between theoretical knowledge and its implementation in real time. The courses are planned to cater the faculty to gain or to improve their content preparation for delivery, diversified methods to deliver the content and able to counsel the students. CLT facilitates the staff to upgrade them self on modern technologies. CLT has purchased NPTEL material and provide viz. servers and since entire campus is connected by Wi-Fi any faculty can download E-Learning materials for their demonstration.

RESOURCE PERSON

Resource Persons from Reputed Institutions and Industries.

HOW MUCH FEE FOR REGISTRATION

Rs. 750 /-	For Faculty Members
Rs. 750 /-	For Research Scholars
Rs. 1000 /-	For Industry person

Important Dates

Last Date for Registration : 28.06.2018



ABOUT THE TRAINING PROGRAMME

Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. A device become a smart device is called IoT.

EVENT SUMMARY :

The Machine to Machine communication has the potential to transform our economy, society and how we actually live our lives. Both the digital and physical worlds are coming together through IoT M2M, a combination that will likely revolutionise our lives, and unleash infinite possibilities. In this Training Programme, participants will learn from experts about core and advanced aspects of M2M such as hardware platforms, embedded design, underlying protocols and standards, cloud connectivity and also get hands-on experience to imagine, design and build connected devices in an end-to-end M2M scenario.

OBJECTIVES AND OUTCOME:

At the end of the Training Programme, participants would be able to build a smart connected device and gain profound knowledge of M2M protocols and related state-of-the-art. Our workshop will guide you step by step through all the different programming environment and Open Source available to develop IOT-LoRa products which supports smart city Project. Hands-on will helpful to implement smart city projects.

TARGET AUDIENCE

Faculty and Research scholars from Electronics and Computer based domains.

TOPICS TO BE COVERED

- ◆ IoT basics (building blocks)
- ◆ IoT Level (1 to 6)
- ◆ IoT architecture (IETF, ETSI, OGC)
- ◆ M2M vs IoT (protocol)
- ◆ IoT platform
- ◆ IoT cloud services
- ◆ Basic building block of IoT
- ◆ IoT application
- ◆ IoT successful projects
- ◆ Research issues
- ◆ Training in LoRa and LoRaWAN with ML

One Week
Faculty Development Program
on
Machine Intelligence and IoT
02.07.2018 to 07.07.2018

Registration Form

Name :
Designation :
Qualification :
Department :
Institution :
Address :

Accommodation Required : Yes/No
Mobile number :
Email Id :
Registration fee :
Date :
Signature of the Applicant :

Signature of the Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRONS

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Chancellor, KARE

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Vice President, KARE

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Dean, SEET, KARE

Dr. S. Basil Gnanappa
Director, CLT, KARE

Organizing Secretary

Dr. P.Sivakumar
HoD / ECE, KARE

Programme Co-ordinators

Dr. A.Lakshmi AP / ECE, KARE

Mr. G.Ramesh AP / ECE, KARE

Address for Communication

Dr. A.Lakshmi

Assistant professor / Co-ordinator
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Technical Support

by



Organized

by

**Department of Electronics and
Communication Engineering**

**School of Electronics and
Electrical Technology (SEET)
&
Centre for Learning Technology**



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

