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Associate Professor, Department of IT,

Resource Person:

Mr. SENTHIL KUMARAN. S,
Technology Consultant,
Gibraltar (European Union) and India.

Free Registration &
Participation
Certificates



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

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

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Department of Information Technology (School of Computing)



Date : 6th & 7th July, 2019

Venue : SoC Meeting Hall, (8511), KARE



ABOUT THE UNIVERSITY

Kalasalingam Academy of Research and Education (KARE) (Deemed to be University), (Formerly Arulmigu Kalasalingam College of Engineering) was established in the year 1984 by Kalasalingam Anandammal Charities.

"Kalvivallal" Thiru. T. Kalasalingam, a veteran freedom fighter, is the founder chairman of this Institution. The KARE is located at the foot hills of the Western Ghats in a rural setting of Virudhunagar District, Tamilnadu. The KARE offers 28 UG Programs, 44 PG programs and Ph.D Programs in various disciplines.

KARE is the first institution in India to offer the special B.Tech Programme for the Speech & Hearing Impaired Students. The KARE is accredited by NAAC with A grade and 6 of the U.G. Programmes are accredited by NBA. TIFA-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 KARE 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 KARE has signed MOU with foreign universities, research organizations and industries with an objective to promoting research and development.

ABOUT THE DEPARTMENT

Department of Information Technology was started in 1998, offering B.Tech. (IT) programme under the affiliation of Madurai Kamaraj University. With excellent laboratory and research facilities, the programme was continuously affiliated by the Madurai Kamaraj University and later by Anna University.

Arulmigu Kalasalingam College of Engineering (AKCE) blossomed out as Kalasalingam Academy of Research and Education (KARE) in the year 2007 offering B.Tech (IT), M.Tech (IT) and Ph.D programmes.

Topics for Theory (max 4.5 hours) :

Overview : From IT to IoT

- * Consumer and wearable IoT
- * Connected cars IoT
- * Smart grids IoT
- * Healthcare IoT
- * Smart Cities IoT
- * Security and privacy in IoT
- * Available development boards and config
- * Operating systems for IoT dev boards

Demo (max 1.5 hours):

- * Introduction to Dragonboard 410c
- * Running GNU/Linux in Dragonboard 410c
- * Getting started with Dragonboard 410c

About the speaker

Senthil Kumaran S, popularly called as 'styleesen' on the internet is from Chennai, India, who is a Technology Consultant, consulting for various companies in Gibraltar (European Union) and India. He is a freesoftware enthusiast and contributes to many free open source software projects. Committer / PMC Member at Apache Software Foundation and Apache Subversion developer. Debian Maintainer - maintains packages such as django-compatible and many LAVA related packages for the Debian Operating System. Ranked 1200+ of 5012006+ Open Source developers around the world. He has authored the technical book "Practical LXC and LXN" for Apress publications and also author of popularly selling 'Open Source' book in Tamil language. Contributed many articles in various technical magazines and a regular speaker in various technical events. He holds a Bachelor's degree in Computer Science and Engineering from Thiagarajar College of Engineering, Madurai, India and Master's degree in Software Systems from Birla Institute of Technology, Pilani, India. He currently pursues his PhD in Kalasalingam Academy of Research and Education.