

**Two Days Workshop
on
IMPLEMENTATION OF MACHINE LEARNING
ALGORITHMS USING MATLAB**

2nd & 3rd February, 2018

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 Required : Yes/No

Date: **Signature of the Candidate**

Signature of Head of the Institution

Organizing Committee

Chief Patron

Dr.K.Sridharan, Chancellor, KARE

Patron

Dr.S.Shasi Anand, Vice President / Academics,
KARE

Mr.S.Arjun Kalasalingam, Vice President / Admin,
KARE

Chairman

Dr.S.Saravana sankar, Vice-Chancellor, KARE
Dr.V.Vasudevan, Registrar, KARE

Convenor

Dr.D.Devaraj, Director-Academic, KARE

Co-ordinators

Dr.P.Aruna Jeyanthi, HoD/EEE

Dr.V.Agnes Idhaya Selvi, AP-II / EEE

How to reach Kalasalingam University?

By Road: Kalasalingam Academy of Research and Education 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,
Director-Academic & IEEE Student branch
counselor,
Kalasalingam Academy of Research and Education,
Krishnankoil-626126, Virudhunagar District.
Email: ieee.klu.studentbranch@gmail.com

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Organized by,

IEEE Student Branch (34451)



About the Institution

Kalasalingam Academy of Research and Education, 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 33 Under Graduate, 32 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 6 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 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 university has signed MOU with foreign universities, research organizations and industries with an objective of promoting research and development.

About the KARE-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 KARE-IEEE Students Branch (34451) was started in 1998 and was renewed 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 KARE-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 to provide a platform to various students and professional members.

About the Workshop

Machine learning is a type of Artificial Intelligence that provides computers with the ability to learn without being explicitly programmed. Machine learning explores the study and construction of algorithms that can learn from and make predictions on data. Machine learning is employed in a range of computing tasks where designing and programming explicit algorithms is infeasible.

This workshop provides advanced-level training on Machine Learning algorithms and applications. It will give you hands-on experience in multiple, highly sought-after machine learning skills in both supervised and unsupervised learning using MATLAB. This workshop ensures you can apply machine learning algorithms for various applications involving classification, regression and clustering. The unique case study approach ensures you are working hands-on with data while you learn.

Topics to be discussed

- ✓ Artificial Neural Networks
- ✓ Support Vector Machine
- ✓ Extreme Learning Machine
- ✓ Deep Learning
- ✓ Applications of ML Algorithms
- ✓ Case Studies

Resource persons

Industrial Experts, Faculty members from premier institutions and the experienced faculty members from KARE will conduct the session.

Target Audience:

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

Registration Fee

DD should be in the favour of “**IEEE student branch**” payable at **Krishnankoil**.

Participants	IEEE Members	Non IEEE Members
U.G. & P.G. Students	Rs.300	Rs.500
Research scholars & Faculty members	Rs.500	Rs.750

Last Date for Registration is **January 31, 2018**