

**Two Days Workshop
on
“Evolutionary Computation”**

4th - 5th August, 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

Patrons

Dr. S. Shasi Anand, Vice President (Academics), KLU

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

Convenor

Dr. D. Devaraj, Director-Academic, KLU

Co-ordinators

Dr. P. Aruna Jeyanthi, HoD / EEE

Mrs. V. Agnes Idhaya Selvi, AP / EEE

Mr. A. Robertsingh, AP / CSE

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,

Director-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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on
“Evolutionary Computation”**

4th - 5th August, 2017



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 “Kalvivalal” 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 programmes. 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

Evolutionary computation is a subfield of artificial intelligence that mimic natural selection in order to solve several types of problems, including function optimization, scheduling and combinatorial problems. It is a fastest growing interdisciplinary research area in which variety of techniques and methods are studied for dealing with large, complex and dynamic problems. The primary aim of evolutionary computation is to understand the natures’

computational system and to design highly robust, flexible and efficient algorithms for solving real world problems. This workshop will provide an in-depth knowledge on evolutionary algorithms and the use of evolutionary algorithms to solve the optimization problems.

Topics to be discussed

- Principles of Evolutionary Algorithms
- Genetic algorithm
- Differential Evolution
- Hybrid techniques
- Case Studies on Routing and Power System Optimization
- Hands-on training using Matlab

Resource persons

- Experts from KLU and other premier institutions will conduct the workshop.

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 **August 2nd, 2017.**