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Mailing Address

Dr.G.Kavya, M.E.,Ph.D.,Convener,

National Workshop on Recent Advancements in Artificial Intelligence and Machine Learning Techniques - A Special Focus on Oncology

Professor,

Department of ECE,

S.A. Engineering College,

Poonamallee –Avadi Main Road,

Thiruverkadu,

Chennai – 600 077.

Tamilnadu,India.Mobile ; 9884414438

Mail: drgkavya@saec.ac.in

Topics of the Programme

- Artificial intelligence and precision medicine - Road To Super Intelligence; State of the art ML applications in health domain
- Deep Learning for Information Fusion – Use case related to medical data and medical images
- Machine Learning Predictive models and Precision medicine
- Deep Learning–Traditional Neural networks vs deep Neural Networks, Architecture, Algorithms & Techniques and Research focus
- Deep science for medical AI
- GUI for Model Building and Hyper Parameter tuning for Performance
- Deep Learning in Oncology-Applications in fighting cancer

Registration Fee Details

Academicians /Research Scholars	Rs.750/-
Students	Rs.500/-
From Industry/Hospitals	Rs.1000/-

DD should be taken in favor of “SAECE-SAEC” payable at Chennai. DD must reach on or before 10.11.18

National Workshop

on

Recent Advancements in Artificial Intelligence and Machine Learning Techniques – A Special Focus on Oncology

14.11.2018 to 15.11.2018

Sponsored by



Board of Research in Nuclear Sciences

Organized by

Department of Electronics and Communication Engineering

Chair

Dr.B.R.Tapas Babu
Professor & Head

Convener

Dr.G.Kavya, Prof./ECE



S.A. ENGINEERING COLLEGE

(Accredited by NBA,NAAC with “A” Grade and ISO 9001:2015 Certified Institution)

Poonamallee –Avadi Main Road
Thiruverkadu,Chennai – 600 077.
Tamilnadu, India.

Phone : 044 -2680 1999, 2680 1499

Fax : 044 -2680 1899

Web : www.saec.ac.in

About SAEC

S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. College has spacious, high infrastructure and peaceful surroundings with 5 lakhs sq.ft of constructed area. The campus comprises aesthetically designed buildings that are networked by fiber optic cables and Wi-Fi. The college maintains a high standard of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for quality education. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001:2015 Certification. The college is accredited by NBA and NAAC with 'A' Grade. The college offers the following 6 U.G programmes and 6 P.G programmes.

- B.E. Civil Engineering
- B.E. Computer Science and Engineering
- B.E. Electronics and Communication Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Mechanical Engineering
- B.Tech. Information Technology
- M.E. CAD/CAM
- M.E. Communication Systems
- M.E. Computer Science and Engineering
- M.E. Embedded System Technologies
- M.B.A. Master of Business Administration

LOCATION

The college is located on the highway from Poonamallee to Avadi High Road at a distance of about 1 Km from Poonamallee Bye Pass Road of Chennai-Bangalore National Highway (NH4).



About the Organizing Department

The Department of Electronics and Communication Engineering was established in the year of 1998 with an aim of creating quality Engineers with sound technical knowledge and awareness of the latest advancements in existing and emerging technologies. Major highlights in the department include “Centre of Excellence in Automation and Robotics”, and IoT research lab for green technology and telemedicine applications. Department of ECE is very keen in undertaking research projects and consultancy projects from organization like ISRO, CVRDE, etc. The department is recognized research centre of Anna University, Chennai.

About the Workshop

Several studies have shown that, the application of ML techniques has significantly improved the cancer prediction outcome by 15%-20% the last years. Continuous evolution related to cancer research has been performed. Oncologists have applied different screening techniques to detect cancer types before it shows symptoms. There are also statistical predictive models for early prediction. However, to meet the challenging task of accurate prediction of disease outcome, Machine Learning methods have become a popular tool for medical researchers. These techniques can discover and identify patterns and relationships between them, from complex datasets, while they are able to effectively predict future outcomes of a cancer. Hence the proposed workshop focuses on the topics related to recent advancements and techniques in Artificial Intelligence; Machine learning and Deep Learning algorithms and mathematical models with relevant to oncology.

Important Dates

- Submission of filled in application : Nov 03rd 2018
- Intimation of Selection : Nov 07th 2018
- Confirmation of participants via E-mail : Nov 10th 2018

S.A. ENGINEERING COLLEGE, CHENNAI -77



*National Workshop
on*

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Registration Form

1. Name :
2. Qualification:
3. Designation :
4. Experience :
5. Name of the Institution with Address:

6. E-mail :
7. Mobile :

Signature of the Applicant

Certificate from Sponsoring Institute

**Mr./Ms./Dr.----- is
an employee/student of our institution and he /
she is sponsored to attend the above workshop.**

Signature of Sponsoring
Authority with office Seal

Date: