



Faculty Development Program on " Deep Learning models and applications "

Organized by

DEPARTMENT OF ECE

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(An Autonomous Institution, Affiliated to Anna University, Chennai)

**Kalavakkam-603110,
Chennai, Tamilnadu, India**

Date: July 20th & 21st, 2020

Course Objective:

The course is designed to provide exposure to the fundamentals of artificial intelligence and deep learning. Participants will learn the theoretical foundations of deep learning, the different models and the main research activities in this field. Moreover, participants will learn most of the theoretical foundations required to implement, train, and validate their own neural network. In addition to that, the participants will be enlightened on the emerging deep learning techniques for applications in real-world research and industry problems.

Target participants :

Faculty / Research scholars in Engineering Colleges/Industry Colleagues

Registration :

- Registration is free and is limited to 200 participants
- E-certificates will be provided only to the active participants who attend all the sessions
- Last date for receiving registrations: **July 17th, 2020**

For registration please visit the URL below :

<https://forms.gle/TAZh22ZoyoAMAGqM9>

Organizing Committee :

Convenor

Dr. S. Radha, Professor & Head, Department of ECE, SSNCE

Coordinators

Dr. N Venkateswaran, Professor, Department of ECE, SSNCE

Dr. I Nelson, Associate Professor, Department of ECE, SSNCE

Dr. W Jino Hans, Associate Professor, Department of ECE, SSNCE

Dr. C Annadurai, Associate Professor, Department of ECE, SSNCE

Program Schedule



"A tour of Deep Vision"

Dr. Sairam Sundaresan
Deep Learning Research Engineer,
Intel Labs, USA

20th July 2020 (IST) 08:30 - 10:00



" Associative Neural Memory Models and
its Applications in ANNs and DL "

Dr. P E S N Krishna Prasad
Professor/Head,
CSE Dept./ Sri Venkateswara College of
Engineering, Tirupati, Andhra Pradesh

20th July 2020 (IST) 10:30 - 12:00



" Deep Learning: Development to
Deployment using MATLAB "

Dr. Spandhana Gonuguntla
Education Technical Evangelist ,
MathWorks India,
Bengaluru

20th July 2020 (IST) 03:30 - 15:00



" Applications of Data Science in the
Finance Industry "

Mr. Srinath Narayanan
Data Scientist,
J. P. Morgan
New York, USA

21st July 2020 (IST) 08:30 - 10:00



" Distributed Machine Learning over
Wireless Networks "

Dr. Ravikumar Balakrishnan
Staff Research Scientist,
Intel Labs,
USA

21st July 2020 (IST) 10:30 - 12:00



" Multicamera Automotive Vision
Systems - An Overview "

Mr. Arindam Das
Senior Scientist,
Valeo
India

21st July 2020 (IST) 13:30 - 15:00

For queries please contact

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