

Selection

The selection would be based on First Come First Serve basis. The intimation of selection shall be sent via email.

Accommodation

Accommodation can be arranged in guest house or nearby hotels on request. The expenses for the accommodation should be beared by the participants. Those who need accommodation should confirm the same while registering for the workshop. The participants wil not be paid any TA/DA.

How to Apply

Application for the five days workshop on Deep Learning is available at

<http://dca.cusat.ac.in/deeplearning>

Applicants are required to fill in and submit the application form on or before 15th February 2019.

The amount may be transferred online to SBI CUSAT branch,

A/C Name : **HEAD, DEPARTMENT OF COMPUTER APPLICATIONS**

A/C no : **67216724749**

IFSC : **SBIN0070235**

WORKSHOP COORDINATOR

Dr. Judy M V
Associate Professor
DCA, CUSAT

WORKSHOP JOINT COORDINATORS

Dr. B Kannan
Professor & Head
DCA, CUSAT

Dr. Sabu M K
Associate Professor
DCA, CUSAT

For any queries please contact :

Mr. Baazil P Thampy
Mobile: +91-9496827565
Email: baazilpthampy@cusat.ac.in

Ms. K Haritha
Mobile: +91-9496823295
Email: harithak@cusat.ac.in

Mr. Sabeen Govind
Mobile: +91-9496442093
Email: sabeengovind@cusat.ac.in

Five Days Hands-on Workshop on **DEEP LEARNING**

19 to 23 February 2019



Organized by

**DATA SCIENCE RESEARCH LABORATORY
DEPARTMENT OF COMPUTER APPLICATIONS
Cochin University of Science and Technology**

Cochin - 682022

Kerala

ABOUT CUSAT

Cochin University of Science and Technology occupies a unique place on the academic roadmap of Asia as a premier institution for higher learning. CUSAT offers programmes across a spectrum of disciplines in frontier areas ranging from engineering, science and technology to humanities, law and management. The pursuit of excellence through these programmes has given CUSAT a national and international acclaim. The academic diversity evidenced in the curricula ranging from traditional courses in science to most advanced programmes in technology and research in frontier areas is the unique strength of CUSAT.

Department of Computer Applications

Computer Application is one of the thrust areas in Science and Technology. In appreciation of its growing importance in business and the industrial scenario, the university established Department of Computer Applications in year 1992 to facilitate research and human resources development in the subject. The Department offers Masters' programme in Computer Applications(M.C.A), M.Sc. Computer Science and research programme leading to Ph.D & Post Doctoral Fellowship

Data Science Research Laboratory

Data Science basically is an amalgamation of mathematics, programming, statistics and design which are applied in order to successfully manage digital data collection. To explore the research in data science, a laboratory was setup by the Department of Computer Applications with financial aid from Govt, of Kerala. The laboratory is equipped with high end deep learning workstations and dedicated high performance computing facility for big data analytics. Internship opportunities and collaborative research facilities are also rendered by the laboratory.

About the Workshop

Deep Learning is a subset of machine learning that imitates the workings of the human brain in processing data and creating patterns for use in decision making. The five day workshop is designed to provide hands-on training to developers, data scientists and researchers to tackle highly complex problems using deep learning. The programme will cover the following topics:

- Python for Deep Learning
- Introduction to Machine Learning
- Building a Machine Learning model
- Basic concepts of Artificial neural networks
- Tensorflow basics
- Introduction to Deep Learning

- Convolutional Neural Networks
- Recurrent Neural Networks
- Other Deep Learning models
- Developing Deep Learning models for solving problems in NLP, Computer Vision and Text Mining

Resource Persons

All sessions will be handled by experts from academia and invited speakers from the industry.

Eligibility

The workshop is open to the faculty members from AICTE/UGC approved academic institutions, Research Scholars, IT Professionals, PG students and Government Employees working in relevant field.

Registration Fee

The registration fee (including GST) for participants has been given below:

- Faculty : Rs. 5000
- Industry/Research Organizations : Rs. 6000
- Full time Research Scholars/PG Students : Rs. 3500

The registration fee covers course kit, working lunch, tea/snacks. The registration fee once payed will not be reimbursed under any circumstances.