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 will not be paid any TA/DA.

HOW TO APPLY

Application for the Summer School 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 10th May 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 COORDINATORS

Dr. Sabu M K
Associate Professor & Head
DCA, CUSAT

Dr. B Kannan
Professor
DCA, CUSAT

Dr. Judy M V
Associate Professor
DCA, CUSAT

For any queries please contact :

Mr .Kumaressan .K
Mobile: +91-9446934268,+91-9947258403
Email: kkumaresan20@yahoo.com

Mr. Jafseer K.T
Mobile: +91-9946118433
Email: jafsi@cusat.ac.in

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

Summer School on DEEP LEARNING

20 to 24 May 2019

Organized by

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 curriculum 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

ABOUT THE WORKSHOP

Deep learning is a fast-growing field of Artificial Intelligence that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts.Over the last few years, deep learning and neural networks have grown widely. Deep learning methods have dramatically improved the state-of-the-art in speech recognition, visual object recognition, object detection and many other domains such as drug discovery and genomics. Deep convolutional nets have brought about breakthroughs in processing images, video, speech and audio, whereas recurrent nets focuses on sequential data such as text and speech. The workshop sessions and hands-on will enable participants to understand the background theory and practices of Machine Learning, ANNs and Deep Learning Architectures.

THE PROGRAMME WILL COVER THE FOLLOWING TOPICS IN DETAIL AND HANDS-ON ON:

* Introduction to ANN
* Introduction to Deep Neural Networks
* Convolution Neural Networks
* RNN & it's variants
* Autoencoders,GAN
* Pre-trained Models
* Recent Research Innovations in the field of Deep Learning

RESOURCE PERSON
Dr. Ram Prasad K

Dr. Ram Prasad is the Founder of VisionCog, a unique organization which focuses on education and research in the domain of Computing and Artificial Intelligence. He received his Ph.D degree in Computer Science and Telecommunication Engineering with distinction from Universidad Autónoma de Madrid, Spain. He worked as Postdoctoral Computer Scientist at Dublin City University, Ireland.

ELIGIBILITY

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

REGISTRATION FEE

The registration fee for participants including GST has been given below

PARTICIPANTS	CUSAT	OTHERS
INDUSTRY	....	5900/-
FACULTY	4720/-	5310/-
RESEARCH SCHOLARS & PG STUDENTS	3540/-	4130/-

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