

About the Institute

Established in the year 2001, JIIT, Noida is a "Deemed to be University" under Section 3 of UGC Act 1956. The institute is AICTE approved, NIRF (MHRD) and NAAC accredited for excellence in teaching and research. For more information about the JIIT, please visit the website at <http://www.jiit.ac.in>

Course Background and Objective:

Deep Learning is specialised area in Machine Learning concerned with algorithms inspired by the structure and functioning of the brain known as Artificial Neural Networks (ANN). Deep learning allows machines to solve complex problems from diverse, unstructured and inter-connected datasets. Deep Learning is used for identifying patterns from different data such as text, images, audio, video, etc. Deep learning architecture such as Neural Network, Recurrent Neural Network, Convolutional Neural Networks, Autoencoder have been applied in areas such as Speech Recognition, Image Recognition, Natural Language Processing, Self-driving cars, etc. This course aims to provide both theoretical as well as hands on sessions on fundamental and advanced topics of deep learning. The course will serve as a platform to share current tools, workbenches, benchmarks, datasets, modelling techniques, etc in deep learning related areas.

Course Content:

- Deep Learning Fundamentals
- Feed forward Networks
- Multi-Layer Perceptron
- Convolutional Neural Networks
- Recurrent Neural Networks
- LSTM
- Applications of Deep Learning
- Recent trends in Deep Learning Research

Resource Persons:

- Prof. R.K Agarwal, JNU
- Dr. Yamuna Prasad Shukla, IIT Jammu.
- Dr. Vipul Kumar Mishra, Bennett University,
- Mr Deepak Saini, Publicis Sapient (Many More..)

Patron:

Prof. S. C. Saxena

Convener:

Prof. Vikas Saxena

Program Coordinators:

Dr. Neetu Sardana
Dr. Dharmveer Singh Rajpoot
Dr. Bharat Gupta
Dr. Amarjeet Prajapati

How to Register:

(A) Registration fees

- | | |
|----------------------------------|-----------|
| a. Industry | :INR 3000 |
| b. Academician | :INR 2000 |
| c. Research scholar and students | :INR 1000 |

Note: Fee once paid will not be refunded back.

(B) The registration fee covers the course material, participation, snacks and lunch during all days of the short term course.

(C) Complimentary lodging for a very limited number of participants is available on paid and first-come first-serve basis in Guest rooms/hostels.

How to Pay:

NEFT:

Account Name: Jaypee Institute of Information Technology Noida Sec 62
Bank name: IDBI bank, Sector 18 Noida
Account Number: 109102000007436
IFSC Code: IBKL0000109

Demand Draft/Pay Order: DD should be send in favor of "Jaypee Institute of Information Technology Noida", Payable at Noida.

To complete the registration, the applicants are requested to fill the Google form provided in the link below: <https://forms.gle/eZQe1RYhjr6GakfA7>

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

(Deemed to be University)

(AICTE approved, NIRF (MHRD) and NAAC accredited)

A-10, Sector-62, Noida-201309, Uttar Pradesh



Short Term Course

On

Deep Learning and its Applications

1st July – 06th July, 2019

Organized by
Department of Computer Science and Engineering & Information Technology

Last date of Registration: 25th June 2019

Registration Form Link:

Contact Email: dl.stc2019@gmail.com

Who Should Attend

This Short term course will be highly helpful for faculty members, research scholars, M.Tech., B.Tech. students who are actively involved in research in various universities/colleges.