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:

Data science is a multi-disciplinary area that uses scientific methods, algorithms, and systems to extract hidden knowledge and insights from all kinds of data. Mining large amounts of structured and unstructured data to identify patterns can help an organization in many ways. Data Science is a convergence of mathematics, statistics, and computer science disciplines, and incorporates techniques like machine learning, cluster analysis, data mining, and visualization. Hence, it is important to bring awareness among researchers & academicians and train manpower on data sciences to do innovative research work, projects, and create a knowledge base. This programme will give participants knowledge of the Data Sciences tools such as python, Rstudio which can be used to innovate and improve business processes. Also, it will provide exposure to the effective approaches to solve a range of practical Data Science problems.

Course Content:

Introduction to Jupyter Notebook, Spyder, GitHub, Collab, Pycharm
Working with ML Libraries (Matplotlib, scikit learn)
Working with NetworkX (Graph based processing)
Working with Deep Learning Libraries (Tensorflow, Keras)
Working with Data Science Libraries
Working with Image Processing Libraries
Transfer Learning

Resource Persons:

Mr. Arya Patel, Associate Data Scientist, Vitrana.
Mr Rajat Jain, Software Engineer, Microsoft.
Mr. Raghav Mehta, Data Scientist, Akridata.
Mr. Krishna Joshi, Software Engineer, Cisco Systems.

Mr. Jitender Kumar Saini, software engineer, INTEL Bangalore.
Mr. Manish Kulkarni, Data Scientist, Quacquarelli Symonds.
Mr. Anand Yadav, Cisco, Bangalore
Mr. Dhru Chandel, MATLAB.
Ms. Chesta Sofat, Senior Associate, PWC.
Mr. Anoop Dobhal, Data Science Specialist, Maven Wave Partners
(many more)

Program Coordinators:

Prof. Krishna Asawa
Dr. Neetu Sardana
Dr. Amarjeet Prajapati

How to Register:

(A) Registration fees

a. Industry   :INR 1000
b. Academician   :INR 500
c. Research scholar and students   :INR 250

How to Pay: (online mode)

NEFT:
Account Name: Jaypee Institute of Information Technology, Sec 62, Noida.
Bank name: ICICI bank
Account Number: JIITFDPCSE22
IFSC Code: ICIC0000104
Branch Name: CMS Mumbai.

Registration: The Participants are requested to register in the link given below:

https://forms.gle/AwubRgdoaxZHEFfPA

Faculty Development Programme

On

Data Science Tools
1st Feb –07th Feb, 2022

Organized by
Department of Computer Science and Engineering &
Information Technology

Who Should Attend

This FDP will be highly helpful for faculty members, research scholars, MTech., BTech. students who are actively involved in research in various universities/colleges.