Self Financed Short Term Course-cum Workshop
on
Data Science & Its Application Areas (DSAA -2022)

Organized by

Data Analytics Lab, IIIT Allahabad

(14th & 17th May 2022, Online Mode)

Venue: Indian Institute of Information Technology, Allahabad

About the Programme

Data science is a multidisciplinary field that seeks to uncover hidden knowledge and insights in data (structured and unstructured). This field examines the sources of information, how it transforms into a valuable resource, and the ways in which it can be used for developing business and IT strategies. Organizations can benefit greatly from identifying patterns in large amounts of unstructured and structured data. Data Science is a confluence of mathematics, statistics and computer science disciplines, and incorporates techniques like machine learning, cluster analysis, data mining and visualization. To do innovative research, projects, and create a knowledge base, it is important to bring awareness among researchers & academicians about data sciences.

Objectives of the Programme

- To disseminate the knowledge of data sciences among students, researchers and academicians.
- To provide conceptual understanding of how data sciences can be used to innovate and improve business processes.
- The create awareness and interest in this technology among students, and researchers.
- Train manpower in the field of data sciences to fulfill the growing necessity of various organizations.
- To focus on providing the researchers and students insight of overall components of data science and its application area.

About IIIT-Allahabad and Data Analytics lab

The institution was founded in 1999, and in the following year received university status and the right to award its own degrees. In 2014, the IIIT Act was passed, under which IIITA and four other Institutes of Information Technology funded by the Ministry of Human Resource Development were classed as Institutes of National Importance. Data Analytics Laboratory under Department of Information Technology, IIIT- Allahabad is established with the vision to solve the data sciences and big data related challenges faced by the individuals, Government and Non-Government organization & industries. Various research areas in the field of Data sciences is identified and research is initiated to fulfill the data analytics requirements. Data Analytics Lab is started to provide necessary infrastructure to the students of IIIT-Allahabad to carry out their research in the field of data sciences.

Registration Process

Interested can register on or before 10th May 2022 at
https://tsa2020.iiita.ac.in/ (**Workshop website**)

Participants

Academicians, Students and Researchers with basic knowl- edge on Programming and Data analytics can participate in the event.

Speakers

Experts from IIITA and reputed institutes.

Topics to be Covered

- Big Data Analytics
- Data Analytics in IoT Domain
- Deep Learning
- Data Streaming
- Prescriptive Analytics
- Business Analytics
- Mathematical Foundation of Data Science

Registration fee

Student/Research Scholar : Rs. 500
Faculty/Industry Personnel : Rs. 1000

Co-Ordinator

Dr. Manish Kumar, IIIT-Allahabad

Correspondence

Dr. ManishKumar
Department of Information Technology
Computer Centre - 2 (CC-2)
Indian Institute of Information Technology, Allahabad
Jhalwa, Prayagraj, Uttar Pradesh - 211015. INDIA
E-Mail:manish@iiita.ac.in / Ph: 0532 - 2922196
Pramod Kumar Singh (Mob. 8707685167)