

Asi@connect Project
Capacity Building Programme for Faculty Members on
Data Science

Date: May 19, 2023 - June 01, 2023 (Online Mode)

Inaugural Event on May 19, 2023, at 2:30 PM IST

Day	Date	Time	Topic	Experts
1	May 19, 2023 Friday	03:00 – 04:30 PM	Introduction to Data Science	Dr. Ayan Seal, IIITDM Jabalpur
		05:00 – 06:30 PM	Use GitHub to manage data science projects	Mr. Ashutosh Tripathi, Siksha o anusandhan, Bhubaneswar
2	May 20, 2023 Saturday	02:30 – 04:30 PM	Introduction of Python	Dr. Pooja Jain, IIIT Nagpur
		05:00 – 06:30 PM	Python for Data Science	Dr. Pooja Jain, IIIT Nagpur
3	May 22, 2023 Monday	02:30 – 04:30 PM	Mathematical foundation for data science	Dr. Vinaytosh Mishra, Gulf Medical University, UAE
		05:00 – 06:30 PM	Introduction to Probability	Prof. Joydeep Dhar, IIITM Gwalior
4	May 23, 2023 Tuesday	02:30 – 04:30 PM	Regression Analysis	Dr. Kusum Kumari Bharti, IIITDM Jabalpur
		05:00 – 06:30 PM	Practical on Regression Analysis	Dr. Kusum Kumari Bharti, IIITDM Jabalpur
5	May 24, 2023 Wednesday	02:30 – 04:30 PM	Hypothesis testing -I	Dr. Avinash K Shrivastava, IMI Kolkata
		05:00 – 06:30 PM	Hypothesis Testing -II	Dr. Avinash K Shrivastava, IMI Kolkata
6	May 25, 2023 Thursday	02:30 – 04:30 PM	Map-reduce and related paradigms Map reduce	Dr. Ashish Kumar Tripathi, MNIT Jaipur
		05:00 – 06:30 PM	Practical on map reduce	Dr. Ashish Kumar Tripathi, MNIT Jaipur
7	May 26, 2023 Friday	02:30 – 04:30 PM	Clustering: Graph Clustering	Dr. Sraban Mohanty, IIITDM Jabalpur
		05:00 – 06:30 PM	Feature Engineering: Feature selection, Dimension Reduction	Prof. P. K. Singh, IIITM Gwalior
8	May 27, 2023 Saturday	02:30 – 04:30 PM	Exploratory Data Analysis Techniques	Prof. R. K. Agarwal, JNU Delhi
		05:00 – 06:30 PM	Practical of exploratory data analysis techniques	Prof. R. K. Agarwal, JNU Delhi
9	May 29, 2023 Monday	03:00 – 04:30 PM	Database: Data Models, Query languages: Structured Query Language; Database Design: Entity Relationship Modeling;	Prof. Pritee Khanna, IIITDM Jabalpur
		05:00 – 06:30 PM	Practical on Database	Prof. Pritee Khanna, IIITDM Jabalpur
10	May 30, 2023 Tuesday	03:00 – 04:30 PM	Descriptive Statistics and Inferential Statistics	Dr. Naval Bajpai, IIITM gwalior
		05:00 – 06:30 PM	Practical on Statistics, Inferential Statistics	Dr. Naval Bajpai, IIITM gwalior
11	May 31, 2023 Wednesday	03:00 – 04:30 PM	Unstructured databases: NoSQL	Prof Rifat Shahriyar, BUET
		05:00 – 06:30 PM	Key Value store/Document Store	Prof Rifat Shahriyar, BUET
12	June 1, 2023 Thursday	03:00 – 04:30 PM	Tableau	Mr. Ashutosh Tripathi, Siksha o anusandhan, Bhubaneswar
		05:00 – 06:00 PM	Discussion on research direction in data science	Dr. Arghya Ray, IMI Kolkata

Valedictory Programme June 01, 2023 at 06:00 PM IST