

Asi@connect Project

Skill Development Programme : Artificial Intelligence and Machine Learning

Thursday, June 19, 2023 - Saturday, June 27, 2023 (Online Mode)

Date	Day	3:00 - 3:30 PM (IST)	3:30 - 4:30 PM (IST)	5:00 PM - 6:30 PM (IST)
June 19, 2023	Monday	Inaugural Session	Introduction to Artificial Intelligence (AI) and Machine Learning (ML) – Prof. R. K. Agrawal, Jawaharlal Nehru University	Introduction to Python Programming Language for AI and ML, Keras and Tensorflow (Lab 1) – Ms. Poornima Singh Thakur, IIITDM Jabalpur
June 20, 2023	Tuesday	Supervised and Unsupervised Machine Learning - Dr. Vivek Tiwari, IIIT Naya Raipur		Classification using Supervised Learning (Lab 2) – Ms. Shubhangi Chaturvedi, IIITDM Jabalpur
June 21, 2023	Wednesday	More on ML Approaches: Clustering Algorithms - Dr. Gajendra Sharma, Kathmandu University, Nepal		Applications of K-Means Clustering (Lab 3) – Mr. Abdul Atif Khan, IIITDM Jabalpur
June 22, 2023	Thursday	Neural Networks Part 1: Feed-forward Networks, Backpropagation – Dr. Shiv Ram Dubey, IIIT Allahabad		Neural Networks Part 2: Optimization and Regularization - Dr. Shiv Ram Dubey, IIIT Allahabad
June 23, 2023	Friday	Classification using Neural Networks (Lab 4) – Mr. Samir Jain, IIITDM Jabalpur		Regression using Neural Networks (Lab 5) - Mr. Samir Jain, IIITDM Jabalpur
June 24, 2023	Saturday	Deep Learning and Convolutional Neural Networks (CNNs) - Prof. Pritee Khanna, IIITDM Jabalpur		Classification using CNNs (Lab 6) - Ms. Shubhangi Chaturvedi, IIITDM Jabalpur
June 25, 2023	Sunday	HOLIDAY		
June 26, 2023	Monday	CNN models for Object detection and Related Problems - Dr. Santosh Vipparthi, IIT Ropar		Recent Trends in Deep Learning - Dr. Subrahmanyam Murala, IIT Ropar
June 27, 2023	Tuesday	YOLO Model for Object Detection (Lab 7) - Ms. Poornima Singh Thakur, IIITDM Jabalpur		Language Models, ChatGPT - Prof. Rifat Shahriyar, Bangladesh University of Engineering and Technology, Bangladesh followed by Valedictory Address