MACHINE LEARNING COURSE CURRICULUM APRIL 2020 - MAY 2020

S. No.	MODULE NAME	SUBTOPIC	DATE & TIME
1	Introduction to Machine learning and its tools	What is Machine Learning Difference between a rule based algorithm and a machine learning algorithm. Supervised vs Unsupervised learning. Classification vs Regression	25/04/2020 11:00 AM - 1:00 PM
2	Introduction to Machine learning and its tools	Training ,Testing and Cross Validation Data Features and labels pickling and scaling and Techniques, Error Metrics	02/05/2020 11:00 AM - 1:00 PM
3	Machine Learning Algorithms	Linear Regression, Forecasting and prediction using regression, Logistic Regression, K-NN classification	09/05/2020 11:00 AM - 1:00 PM
4	Machine Learning Algorithms	Support Vector Machines, K-Means Clustering, Random ForestLinear , + Minor Project Discussion	16/05/2020 11:00 AM - 1:00 PM
5	Natural Language Processing	Introduction to NLTK, Stopwords Stemming Lemmetization Named entity recognition Text classification Sentiment analysis Using Naïve Bayes	23/05/2020 11:00 AM - 1:00 PM
6	Machine Learning Implementation	Implementation of all the algorithms using Sklearn and Explanation on Major Project	30/05/2020 11:00 AM - 1:00 PM
7	Major Project Submission		06/06/2020 11:00 AM - 1:00 PM