

TIME TABLE

Certificate Course in Artificial Intelligence & Machine Learning for DRDO

From: 08/07/2024 To 12/07/2024 **WEEK 02**

Date:08/07/2024				
	Module	Faculty	Venue	Timing
Theory/Lab	Machine Learning in Nut shell, Supervised Learning, Unsupervised Learning, ML applications in the real world, Data Preparation, Feature creation, Data cleaning & transformation, Data Validation & Modelling, Feature selection Techniques	Mr. Tushar Kute	Classroom 302	09:00 AM - 01:00 PM
				01:30 PM - 05:30 PM

Date:09/07/2024				
	Module	Faculty	Venue	Timing
Theory/Lab	Dimensionality reduction, Recommendation Systems and anomaly detection, PCA, t SNE, ML Algorithms, Linear and Nonlinear classification, Regression Techniques	Mr. Tushar Kute	Classroom 302	09:00 AM - 01:00 PM
				01:30 PM - 05:30 PM

Date: 10/07/2024				
	Module	Faculty	Venue	Timing
Theory/Lab	Support vector Machines, KNN, K-means, Decision Trees, Random forest, Bayesian analysis and Naive Bayes classifier, Gradient, Boosting, Bagging, Association rules learning	Mr. Tushar Kute	Classroom 302	09:00 AM - 01:00 PM
				01:30 PM - 05:30 PM

Date:11/07/2024				
	Module	Faculty	Venue	Timing
Theory/Lab	Apriori and FP growth algorithms, Clustering, Overview of Factor Analysis, ARIMA, ML in real time, Algorithm performance metrics, ROC, AOC, Confusion matrix,	Mr. Tushar Kute	Classroom 302	09:00 AM - 01:00 PM
				01:30 PM - 05:30 PM

Date: 12/07/2024				
	Module	Faculty	Venue	Timing
Theory/Lab	F1score, MSE, MAE, DBSCAN Clustering in ML, Anomaly Detection, Stack Ensembling, Voting classifiers and Regressor	Mr. Tushar Kute	Classroom 302	09:00 AM - 01:00 PM
				01:30 PM - 05:30 PM



Signature:
Course Coordinator