V.E.S. Institute of Technology, Collector Colony, Chembur, Mumbai, Maharashtra 400047
Department of M.C.A

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Sr. No.	Contents	Date of Preparation	Date of Submission	Marks	Faculty Sign
1	Packages, Write commands for following Install packages, loading packages Data types, checking type of variable, printing variable and objects (Vector, Matrix, List, Factor, Data frame, Table)	15-09-2023	16-09-2023		
2	Write commands for following cbind-ing and rbind-ing, Reading and Writing data. setwd(), getwd(), data(), rm(), Attaching and Detaching data. Reading data from the consol. Loading data from different data sources.(CSV, Excel).	19-09-2023	20-09-2023		
3	Write commands for Implementation of Data preprocessing techniques like, Naming and Renaming variables, adding a new variable. Dealing with missing data. Dealing with categorical data. Data reduction using subsetting.	17-09-2023	28-09-2023		

4	Write commands for Implementation of Data reduction using subsetting, implementation and usage Dplyr & Tidyverse, select, transmute, arrange, filter, groupby on any dataset.	13-10-2023	13-10-2023		
5	Write commands for Working with different types of R Charts and Graphs like Histograms, Box Plots, Bar Charts, Line Graphs, Scatterplots, Pie Charts.	13-10-2023	19-10-2023		
6	Implement data Visualization with Ggplot2.	22-10-2023	27-10-2023		
7	Implement commands for drawing various Correlation Plots and learn the process of EDA.	14-10-2023	20-10-2023		
8	Implementation of Normal and Binomial distributions, Univariate and Bivariate Analysis.	26-10-2023	27-10-2023		
9	Implementation and analysis of Apriori Algorithm using Market Basket Analysis.	21-10-2023	27-10-2023		
10	Implementation and analysis of Linear regression through graphical methods.	24-10-2023	23-10-2023		