MASTER OF COMPUTER APPLICATIONS

DATA SCIENCE AND BIG DATA ANALYTICS LAB (NCAL31)

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III SEMESTER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MANONMANIAM SUNDARANAR UNIVERSITY

TIRUNELVELI-627012

NOVEMBER-2022

MANONMANIAM SUNDARANAR UNIVERSITY

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BONAFIDE CERTIFICATE

This is to certify that the Practical work done on **"DATA SCIENCE AND BIG DATA ANALYTICS LAB"** by Mr./Miss   Reg.No   during the third semester of **Master of Computer Applications** in the Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.

FACULTY IN-CHARGE   **HEAD OF THE DEPARTMENT**

Date of Submission: _____

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

CONTENT

EX.NO	DATE	TITLE OF THE PROGRAM	PAGE NO	SIGNATURE
1	21.07.22	Understanding R IDE		
2	28.07.22	Working with R Sample Programs		
3	04.08.22	a. Working with Data Types b. Data Import and Export c. Plots and Graphs		
4	11.08.22	a. Finding Number of Clusters using Elbow Method b. Clustering Techniques (K-Means Algorithm)		
5	18.08.22	Association Rules - Apriori Algorithm		
6	25.08.22	a. Linear Regression b. Logistics Regression		
7	01.09.22	a. Naive Bayes Classification b. Decision Tree Classification		
8	15.09.22	Time Series Analysis – ARIMA Model		
9	22.09.22	Text Analysis		
10	29.09.22	Sentimental Analysis		
11	06.10.22	SQL Essentials in R		
12	13.10.22	Advanced SQL Commands		