Course Code: CS-624 P **Course Title :** Practical based on B2.CS-622-T

Total Credit: 1.5 Marks: 50 (UA: 40 + IA: 10)

Periods: 3 per week (50 Minutes each)

Sample List of Experiments and Tutorials to be carried out based on the course B2.**CS-622-T**.

(**Advance Data Science)**

1. Perform descriptive analysis and identify the data type.

2. Implement a method to find out variation in data. For example the difference between highest and lowest marks in each subject semester wise.

3. Plot the graph showing result of student in each semester.

4. Plot the graph showing the geographical location of students.

5. Plot the graph showing number of male and female students.

6. Implement a method to treat missing value for gender and missing value for marks.

7. Implement linear regression to predict the 5 th semester result of student.

8. Implement logistic regression and decision tree to classify the student as average or clever.