

## (AM605PC) DATA ANALYTICS LAB

### List of Experiments:

1. Data Preprocessing
  - a. Handling missing values
  - b. Noise detection removal
2. Implement Data Preprocessing to Identifying data redundancy and elimination
3. Implement any one imputation model
4. Implement Linear Regression
5. Implement Logistic Regression
6. Implement Decision Tree Induction for classification
7. Implement Random Forest Classifier
8. Object segmentation using hierarchical based methods
9. Perform Visualization techniques (types of maps - Bar, Colum, Line, Scatter, 3D Cubes etc)
10. Perform Descriptive analytics on healthcare data
11. Perform Predictive analytics on Product Sales data
12. Apply Predictive analytics for Weather forecasting.