**Subject: ML,DL**

**LAB Assignment**

1.Find the correlation matrix.

2. Plot the correlation plot on dataset and visualize giving an overview of relationships among data on iris data.

3. Analysis of covariance: variance (ANOVA), if data have categorical variables on iris data.

4. Apply linear regression Model techniques to predict the data on any dataset.

5. Apply logical regression Model techniques to predict the data on any dataset.

6. Clustering algorithms for unsupervised classification.

7. Association algorithms for supervised classification on any dataset

8. Developing and implementing Decision Tree model on the dataset

9. Bayesian classification on any dataset.

10. SVM classification on any dataset

11. Text Mining algorithms on unstructured dataset

12. Plot the cluster data using python visualizations.

13. Creating & Visualizing Neural Network for the given data. (Use python)

14. Recognize optical character using ANN.

15. Write a program to implement CNN

16. Write a program to implement RNN

17. Write a program to implement GAN

18. Web scraping experiments (by using tools)