# Machine Learning Lab, B.Tech 5th Semester (CS32)

Instructions

1. You are required to submit your assignment responses by 10.30 AM today through the Google Form that has been emailed to you.

2. There will be an evaluation for this assignment.

3. Plagiarism checking will be performed on all the submissions for this assignment. If plagiarism is detected, your assignment will not be evaluated.

## Evaluation Assignment 3

Total marks:10

1. Implement singlelayer perceptron (SLP) for multi-class classification task using IRIS dataset. Follow the below-mentioned instructions to implement your own code
   a. Tune the hyper-parameters
   b. Check overfitting issue
   c. Finally report class-wise precision, recall, accuracy and overall accuracy considering 5-fold cross validation.