

## **CS 6301 - Machine Learning Lab - Week 6**

Date: 08.09.2023

### **TITLE**

### **IMPLEMENTATION OF MULTI LAYER PERCEPTRON**

### **TASKS**

1. Build an Artificial Neural Network Model by implementing Back propagation algorithm and test the same using any appropriate dataset.
  - a. Increase the number of nodes in the hidden layer and test the model.
  - b. Change the activation function such as Sigmoid, Tanh, ReLU, etc and test the model.