

B.Sc. (Data Science)
Discipline Specific Elective (DSE)
Semester V
BSDB33501P: Introduction to Deep Learning Lab

Total Marks: 100
External Marks: 70
Internal Marks: 30
Credits: 2
Pass Percentage: 40%

Besides below given assignment List of Lab Assignments – Session wise will be given to student

- 1) Write a program to implement perceptron.
- 2) Write a program to implement AND, OR gates using perceptron.
- 3) To implement Crab classification using pattern net.
- 4) Write a program to implement Wine classification using back propagation.
- 5) Write a program to implement classification of linearly separable data with a perceptron.
- 6) To study long short term memory for time series prediction.
- 7) To study the convolutional neural network and recurrent neural networks.
- 8) To study the Image Net, Google Net, Resnet convolution neural networks.