Exp-1	Design an artificial neural network for prediction diabetes and evaluate the performance. Use pima-indians-diabetes dataset.
Exp-2	Design an artificial neural network for XOR logic gate with 2-bit binary input and test the output.
Exp-3	Design an artificial neural network for AND logic gate with 2-bit binary input and test the output.
Exp-4	Design a multilayer perceptron for predicting employee retention in any organization. Use employee satisfaction dataset.
Exp-5	Write a python program to build a Convolution Neural Network for handwritten digits recognition and evaluate the performance of the model. Use Keras dataset for MNIST dataset.
Exp-6	Develop a program to implement feed forward neural network
Exp-7	Write a python program to implement common operations on Fuzzy Set.
Exp-8	Develop a python program to implement Fuzzy Control System for Tipping Problem.
Exp-9	Develop a python program to implement Fuzzy Inference System for Washing Machine.
Exp-10	Develop a python program to implement Crossover and Mutation operations in genetic algorithms.

Section 20AML-5 (A & B)

Soft Computing Lab