



Corporate Institute of Science and Technology,
Bhopal

INDEX

LIST OF EXPERIMENT

SOFT COMPUTING(CS-801)

S.NO	NAME OF PROGRAMS	DATE OF SUBMISSION	STUDENT SIGN	FACULTY SIGN
1.	Form a PERCEPTRON Net for basic gates with binary input and output			
2.	Using ADALINE Net ,generate XOR function with bipolar inputs and targets			
3.	To Study the ADALINE NET and their training algorithm			
4.	To study the MADALINE NET and their training algorithm			
5.	Learn pattern, target output, learning rate and activation function			
6.	Obtain the output of the neuron Y for the network shown in fig: Using activation function as: a binary sigmoidal b binary sigmoidal [x1 x2 x3] = [0.8 0.6 0.4] [y1 y2 y3] = [0.1 0.3 -0.2] b=0.35			
7.	To implement AND function using Mc-Culloch Pitts neuron model			
8.	Design fuzzy inference system for a given problem			
9.	Implement Travelling salesman problem using Genetic algorithm			
10.	To study the training algorithm of ART			