



Corporate Institute of Science and Technology,  
Bhopal

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**LIST OF DEMO EXPERIMENT**

**SOFT COMPUTING(CS-801)**

<b>SL.NO</b>	<b>NAME OF PROGRAMS</b>	<b>DATE OF SUBMISSION</b>	<b>STUDENT SIGN</b>	<b>FACULTY SIGN</b>
1.	Learn all the learning algorithms: Supervised, Unsupervised and Reinforcement			
2.	Learn all kinds of linear and non-linear activation function with proper network			
3.	To Study the linear separability how this problem is overcome			
4.	To study the Perceptron NET and their training algorithm			
5.	To study the training algorithm of ART1 net, what is Vigilance parameter in ART and ART1			
6.	Use of ART algorithm to cluster vectors			
7.	Optimisation of problem like job scheduling using genetic algorithm			
8.	Design fuzzy inference system for a given problem			
9.	Implement cross over in travelling salesman problem using Genetic algorithm			
10.	Use of hebb rule to store in auto associative neural net			