

# Government Engineering College, Modasa

## B.E. – Computer Engineering (Semester – VI)

### 3720217 – Soft Computing

#### LIST OF PRACTICALS

**Suggested List of Experiments:** Practical's can be performed in Python or MATLAB

#	Description
1	Introduction to Python / MATLAB & its environment.
2	Introduction to Python / MATLAB: Fuzzy Logic package
3	Implement any one application to demonstrate use of fuzzy logic
4	Introduction to Python / MATLAB: Genetic Algorithms package
5	Implement any one application to demonstrate use of genetic algorithm
6	Demonstrate various selection strategies of genetic algorithm
7	Introduction to Python / MATLAB: Neural Network package
8	Implement any one application to demonstrate use of neural network
9	Test performance of various architecture on any application
10	Demonstrate effect of various parameters of neural network