

# Government Engineering College, Modasa

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

### 3720217 – Soft Computing

#### SYLLABUS

TEXT BOOKS		
1	<b>Title:</b>	Principles of Soft Computing (2 <sup>nd</sup> Edition)
	<b>Author:</b>	S.N.Sivanandam, S.N.Deepa
	<b>Publisher:</b>	Wiley India Pvt. Ltd.
2	<b>Title:</b>	Neural Networks, Fuzzy Logic and Genetic Algorithms: Synthesis and Applications
	<b>Author:</b>	S. Rajasekaran, G. A. Vijaylakshmi Pai
	<b>Publisher:</b>	PHI Learning Pvt. Ltd
REFERENCE BOOKS		
1	<b>Title:</b>	Neuro-Fuzzy and Soft Computing
	<b>Author:</b>	Jyh-Shing Roger Jang, Chuen-Tsai Sun, Eiji Mizutani
	<b>Publisher:</b>	Prentice-Hall of India
2	<b>Title:</b>	Fuzzy Sets and Fuzzy Logic - Theory and Applications
	<b>Author:</b>	George J. Klir and Bo Yuan
	<b>Publisher:</b>	Prentice Hall
3	<b>Title:</b>	Fuzzy Logic with Engineering Applications
	<b>Author:</b>	Timothy J. Ross
	<b>Publisher:</b>	Tata McGraw-Hill
4	<b>Title:</b>	Genetic algorithm in search, optimization and machine learning
	<b>Author:</b>	Goldberg, D. E
	<b>Publisher:</b>	Addison- Wesley, Reading Mass