



Special Module on Intelligent Information Processing

**Dayalbagh Educational Institute
(DEI)
Dayalbagh Agra**

CSM 802

**Indian Institute of Technology Delhi
(IITD)
New Delhi**

SIV 895



Course Administration

- ▶ Course material as videos and slides will be made available
- ▶ Microsoft Team as a platform for interaction
- ▶ Course web page <https://www.cse.iitd.ac.in/~pkalra/siv895>
- ▶ Evaluation
 - One exam, quizzes 25%
 - Assignment (Reading) 15%
 - Term paper presentation 20%
 - Small project 40%



Course Overview

- ▶ Different paradigms of learning
 - Introduction to Machine Learning
 - Evolutionary and Genetic Algorithms
 - Particle Swam and Ant Colony Optimization
 - Neural Networks and Deep Learning
 - Fuzzy Logic
 - Markov Logic
- ▶ Applications