

Chapter/Student Branch Name: CMR Technical Campus

Region: V

Event Date: 09-08-2018

Event Title: **Guest Lecture** on “**Soft Computing Techniques**”

Speakers:

Dr D Srinivas Rao, Professor, CSE Dept, VNRVJIET, Hyderabad

Gist of the Event:

Speaker delivered Concepts on “**Soft Computing Techniques**” and covered following Topics:

- Machine learning, including:
 - Neural networks (NN)
 - Perceptron
 - Support Vector Machines (SVM)
- Fuzzy logic (FL)
- Evolutionary computation (EC), including:
 - Evolutionary algorithms
 - Genetic algorithms
 - Differential evolution
 - Metaheuristic and Swarm Intelligence
 - Ant colony optimization
 - Particle swarm optimization
- Ideas about probability including:
 - Bayesian network



Guest delivering the lecture to Students