

Title: Computation Intelligence and Power Systems

Module Code:

Core/Elective:

- Overview of Computer Intelligence
- Artificial Neural Networks
- Fuzzy Systems
- Evolutionary Computation
- Genetic Algorithms
- Evolution Strategies and Evolutionary Programming
- Particle Swarm Optimization
- Ant Colony Search Algorithm
- Tabu Search
- Simulated Annealing
- Hybrid Systems
- Overview of Applications in Power Systems
- Applications to: Power System Planning, Load Forecasting,

Staff involved

Module leader: Prof. V. Miranda