



1- Day Workshop

Report on Artificial Intelligence Workshop

Objective:

The workshop will explore how AI researcher can contribute to problem solving. For example, what role can AI research play in promoting health, sustainable development and infrastructure security? The objective is to discuss the advanced concepts in artificial intelligence such as neural networks, genetic algorithms expert system etc. Students can learn the applications of these advanced concepts in real life scenarios. It will help the students for solving optimization problems. The whole study related to artificial intelligence concern about the beneficiary and safety features of the system associated.

Key Points:

- Advance topics in NN
- Advance topics in GA
- Expert system
- AI models
- Mathematical foundation for AI

Subjects Covered:

- Basic Mathematics for computer Science
- Applying AI to real life problems
- NN Algorithms
- GA algorithms
- Architecture of expert system

Expert:

Dr. Manish M Patel
Head, Computer Engineering

SRPEC, UNJHA



Workshop Participants:

Total 25 students have participated in the workshop where they have learned various neural networks, genetic algorithms and expert system applications. They have learned various task domains of AI.