

CSE371

Artificial Intelligence

3-1-0-4

Objective: Introduction to Artificial Intelligence -- A basic course

Course Topics: Introduction to AI, Uninformed and Informed Search techniques, Adversarial Search, Constraint Satisfaction Problems (CSP), Probability Theory, Bayesian Networks, Utility Theory, Decision Theory (MDPs, Intro to POMDPs), Topics on Logic or Learning

Preferred Text Books: Artificial Intelligence A Modern Approach by Stuart Russell and Peter Norvig (Third Edition)

Outcome: This course will provide the required basics to take up advanced courses in the area of Artificial Intelligence