Introduction

- Behave and think like human beings
- Behave and think rationally
- Turing test: benchmark for ultimate point of computing perfection
- Human interrogators v/s (human and AI system)
- Agent: thinks and acts like a human
- Rational agent: agent but rational

Search techniques
- Informed (Heuristics)
- Uninformed

Constraint satisfaction
Bayes' Theorem (Probabilistic)
Planning
Machine Learning (Image recognition)
Natural language processing
Deep neural network (NN, RNN)
Game playing

Good computing
Big data
Languages and algorithms