What you will learn

At the end of the course, you will understand

- Intelligence, Artificial Intelligence (AI), and tools of AI
- Types of AI Professionals and AI in Business, Society, and Industry
- Roles of Logic in AI
- Problem Solving in AI
- Types of Games in AI
- Knowledge and Rule-Based Systems
- AI research areas, such as, Expert Systems/Fuzzy logic, Neural Networks, Natural Language Processing, Robotics, and Machine Learning

Outline*

Unit 1: Intelligence, Foundation and Tools of AI
Unit 2: Knowledge, Logic and Reasoning
Unit 3: Problem Solving and Knowledge Representation
Unit 4: Knowledge and Rule-Based Systems
Unit 5: Fuzzy Logic and Machine Learning
Unit 6: Neural Networks, IOT, Deep Learning, and Blockchain

Course completion requirement

To earn a certificate of completion, participants need to complete all 12 quizzes with a minimum composite score of 85%.

* The course was developed by Dr. Zafar Alvi at the Virtual University of Pakistan with support from the Commonwealth of Learning.

Any questions? Ask us at vussc@col.org.

Learn about trends, technologies and tools for AI and AI in business, society, and industry, starting from the basic concepts to advanced topics including Deep Learning, Big Data, Internet of Things and Blockchain.