Artificial Intelligence Certification

Introduction

This Artificial Intelligence Certification will help you gain proficiency and prepare you for a promising career in artificial intelligence and machine learning.

This program covers machine learning, natural language processing, reinforcement learning, and other cutting-edge AI approaches in-depth and entirely online. After completing the program, you'll be equipped with the knowledge and self-assurance needed to debug your code, create your own models free from the limitations of pre-made tools, and develop original models, tools, and algorithms.

Learning Outcomes

After the completion of this certification, students would be able to:

- Develop systems using AI
- Work in Robotics

Curriculum

Lecture	Topics
1	Introduction to AI, History, Types
2	Intelligent Agent
3	Problem Solving in AI, AI Algorithms
4	Adversarial Search
5	Knowledge Representation, Knowledge-Based Agent
6	Propositional Logic
7	Rules of Inference
8	The Wumpus World
9	Unification in FOL, Resolution in FOL

10	Reasoning in AI
11	Mid Term Presentations
12	Uncertain Knowledge Representation
13	Bayes Theorem in AI
14	Bayesian Belief Network
15	Examples of AI
16	AI in Education, Engineering, and Healthcare
17	Engineering Applications in AI
18	Robotics in AI
19	AI Future, Approaches of AI Learning
20	Subsets of AI
21	Expert Systems, Machine Learning Basics
22	NLB Basics
23	Final Project Presentations
24	

Benefits of Certification

Upon the completion of the certification, the students will benefit with skills including:

- To learn about AI concepts
- To learn about Robotics in AI

Entry Requirements

- Intermediate/O/A-level
- Basic Programming Skills
- Basic Computer Skills

Mode of Classes
- Online
- On Campus