Artificial Intelligence (AI)

Course Duration: 6 months

Qualification: Open to all individuals interested in learning AI and its applications.

Eligibility:

No prior programming experience required; open to all individuals interested in learning AI.

Medium of Instruction:

English

Duration:

Minimum 6 months and Maximum 8 months

Program Details:

The program is divided into modules with assessments at the end of each module. The curriculum is designed to build a strong foundation in AI concepts and practical skills.

Curriculum: View Specialization: -

Module 1: Introduction to AI

- What is AI?

- History & Evolution of AI

- Types of AI (Narrow AI vs General AI – basic)

- AI Applications (Real-life Examples)

- Ethics in AI (Basic Concepts)

Module 2: Machine Learning

- What is Machine Learning?

- Supervised Learning Basics

- Unsupervised Learning Basics

- Regression (Simple Examples)

- Classification (Simple Examples)

- Clustering (Simple Examples)

- Practical Project: Predictive Model with Beginner Data

Module 3: Deep Learning (Introductory)

- What is Deep Learning?

- Neural Network Basics

- Layers and Activation Functions (Simple Explanation)

- Image Recognition Basics

- Speech Recognition Basics

- Beginner Project: Simple Deep Learning Model

Module 4: AI in Practice

- AI in Business (Basics)

- AI in Healthcare (Basics)

- AI in Finance (Basics)

- Natural Language Processing (Introductory)

- Capstone Project: Build a Simple AI Application