

Subject: Introduction to Artificial Intelligence

Unit 1: Basics of AI

- Definition and history of AI
- Types of AI: Narrow, General, Super
- Applications of AI

Unit 2: Machine Learning Fundamentals

- Supervised vs Unsupervised Learning
- Regression, Classification
- Clustering Techniques

Unit 3: Natural Language Processing

- Tokenization, Stemming, Lemmatization
- Text Classification
- Sentiment Analysis

Unit 4: Computer Vision

- Image Processing Basics
- Object Detection
- Face Recognition

Unit 5: Ethics and Future of AI

- AI Bias and Fairness
- AI in Society
- The Future of Work and AI