

Semester-I

Non-CGPA Course: Basics of Artificial Intelligence

No. of Hours: 40 hrs

Max. Marks: 50

Unit-I: Introduction to Artificial Intelligence

Definition of Artificial Intelligence - Evolution of AI - Components of AI Systems - AI vs Human Intelligence - AI vs Traditional Computer Programming - AI Technologies - Introduction to Expert Systems- AI in Daily Life (Google Maps, Alexa, Chatbots, Recommendation Systems) - Benefits and Limitations of AI - Impact of AI on Business Growth.

Unit-II: AI Applications and Tools

Introduction to AI Tools (ChatGPT, Google AI tools, AI in MS Excel & Business Analytics) - Basics of Prompt Writing - AI for Report Writing and Presentations - AI Ethics and Responsible AI - Data Privacy and Security Issues - Bias and Fairness in AI - Legal Issues of AI in Business - Future Careers in AI.

Suggested Readings:

1. AI for Everyone - Andrew Ng - 1st Edition (2022) - Landing AI
2. Artificial Intelligence: Foundations of Computational Agents - David Poole and Alan Mackworth - 3rd Edition (2023) - Cambridge University Press


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