AI for Future Ready

30 Hours Certificate Course for Undergraduate Students

Mode: Online | **Duration:** 30 Days (1 Hour Daily)

Level: Foundation to Applied AI

Based on: Maharashtra AI Policy 2026, Industry 5.0, Generative AI and Future Skills Framework. The policy emphasizes AI skill development, responsible AI, local datasets, startups, innovation, and future-ready workforce development.

Course Objectives

After completing this course, students will be able to:

- Understand ML, AI and Generative AI fundamentals
- Use modern AI tools for productivity and creativity
- Apply AI in education, business, agriculture, healthcare, and social sectors.
- Develop AI-powered projects and startups
- Understand Responsible and Ethical AI
- Prepare for future careers and AI-enabled jobs

Module 1: AI Essentials (6 Hours)

Day	Topic Covered
1	Introduction to Artificial Intelligence and Future Skills
2	History and Evolution of AI
3	Machine Learning, Deep Learning and Generative AI
4	Large Language Models (LLMs) and AI Agents
5	AI Applications in Daily Life
6	Quiz and Assignment

Tools

- ChatGPT
- Gemini
- Claude
- Microsoft Copilot
- ADVIT-DocuGPT

Module 2: AI Productivity Tools (6 Hours)

Day	Topic
7	Prompt Engineering Fundamentals

8	Research with Perplexity AI and NotebookLLM
9	Writing Emails, Reports and Documents using AI
10	Presentation Creation with Gamma AI and Canva AI
11	Meeting Notes and Knowledge Management
12	Quiz and Mini Project

Note – Add basic assignments to above topics during session & Later assignments for practice

Tools

- ChatGPT
- Perplexity AI
- NotebookLLM
- Gamma AI
- Canva AI
- Notion AI
- ADVIT-DocuGPT

Module 3: AI for Creativity and Content Creation (6 Hours)

Day	Topic
13	Image Generation with AI
14	Video Creation using AI
15	Voice and Audio AI
16	Social Media Content Creation
17	Website and Design Creation
18	Creative Project

Tools

- DALL·E
- Leonardo AI
- Adobe Express AI
- InVideo AI
- ElevenLabs
- Canva AI
- ADVIT Studio

Module 4: Applied AI and Emerging Technologies (6 Hours)

Day	Topic
19	AI in Education and Research
20	AI in Agriculture and Healthcare

21	AI in Business and Entrepreneurship
22	AI Agents and Automation
23	Data, Cloud and AI Infrastructure
24	Quiz and Case Studies

Note – write a research for above topics in group

Tools

- ChatGPT Projects
- Google AI Studio
- Zapier AI
- n8n
- Make.com

Module 5: Responsible AI and Innovation (6 Hours)

Day	Topic
25	Ethical AI and Responsible AI
26	AI Safety, Privacy and Copyright
27	AI Startups and Innovation Ecosystem
28	Future Jobs and Career Opportunities
29	Capstone Project Development
30	Project Presentation and Certification Test

Tools

- ChatGPT
- Gemini
- Claude
- Hugging Face
- Google AI Studio

Trainers:

1. Mr Bhushan Muthiyan
2. Mr Atish Langhee
3. Mr Rahul Dangi
4. Mr Atharva Vengurlekar
5. Ms Aditi Khot