

# AI TOOLS SYLLABUS

## Module 1: Introduction to AI Tools

- What is Artificial Intelligence
- What are AI Tools and how they work
- Types of AI Tools (Text, Image, Video, Code)
- Real-world use cases of AI
- Benefits and limitations of AI tools

## Module 2: AI Text & Content Tools

- Introduction to ChatGPT
- Content writing (blogs, emails, ads)
- Prompt writing basics
- Paraphrasing & summarizing content
- Grammar & writing tools like Grammarly

## Module 3: AI Image Generation Tools

- Introduction to Midjourney
- Basics of image prompting
- Creating posters, banners, thumbnails
- Editing images using AI tools
- Copyright & ethical use of images

## Module 4: AI Video & Audio Tools

- AI video creation tools (e.g., Pictory)
- Text-to-video generation
- AI voice generation tools
- Subtitles & captions automation
- Video editing with AI

## Module 5: AI for Design & Creativity

- Using Canva AI features
- Logo & social media design using AI
- Presentation creation with AI
- Branding with AI tools

## Module 6: AI for Coding & Development

- Introduction to GitHub Copilot
- Code generation & debugging
- Writing scripts using AI
- Automating development tasks
- Best practices for using AI in coding

## Module 7: AI for Marketing & SEO

- AI content for SEO
- Keyword research tools
- AI-generated ads & campaigns
- Social media automation
- Analytics with AI tools

## Module 8: Prompt Engineering

- What is Prompt Engineering
- Types of prompts (basic, advanced)
- Writing effective prompts
- Role-based prompting
- Optimizing outputs

## Module 9: Productivity & Automation

- Task automation using AI
- Email automation

- Workflow optimization
- AI for business productivity
- Integrating AI with daily tasks

## Module 10: Ethics & Limitations of AI

- AI limitations and risks
- Data privacy concerns
- Ethical use of AI
- Avoiding plagiarism
- Responsible AI usage

## Module 11: Real-World Projects

- Blog writing with AI
- Social media campaign creation
- AI-generated portfolio
- YouTube video creation using AI
- Marketing automation project

## Module 12: Freelancing & Career Opportunities

- Using AI tools for freelancing
- Building AI-based services
- Portfolio creation
- Client handling with AI
- Future scope of AI tools