



UCT ROBOTICS
TRANSFORMING IDEAS

4-Week GenAI Essentials: Learn AI Tools for the Future

Master the fundamentals of Generative AI and discover how to use cutting-edge AI tools that will shape your future career and studies.



16 Hours Total



4 Weeks



Online



Sat & Sun, 2hrs

~~₹9,999~~
₹7999

600%

30%



ChatGPT



deepseek



Gemini

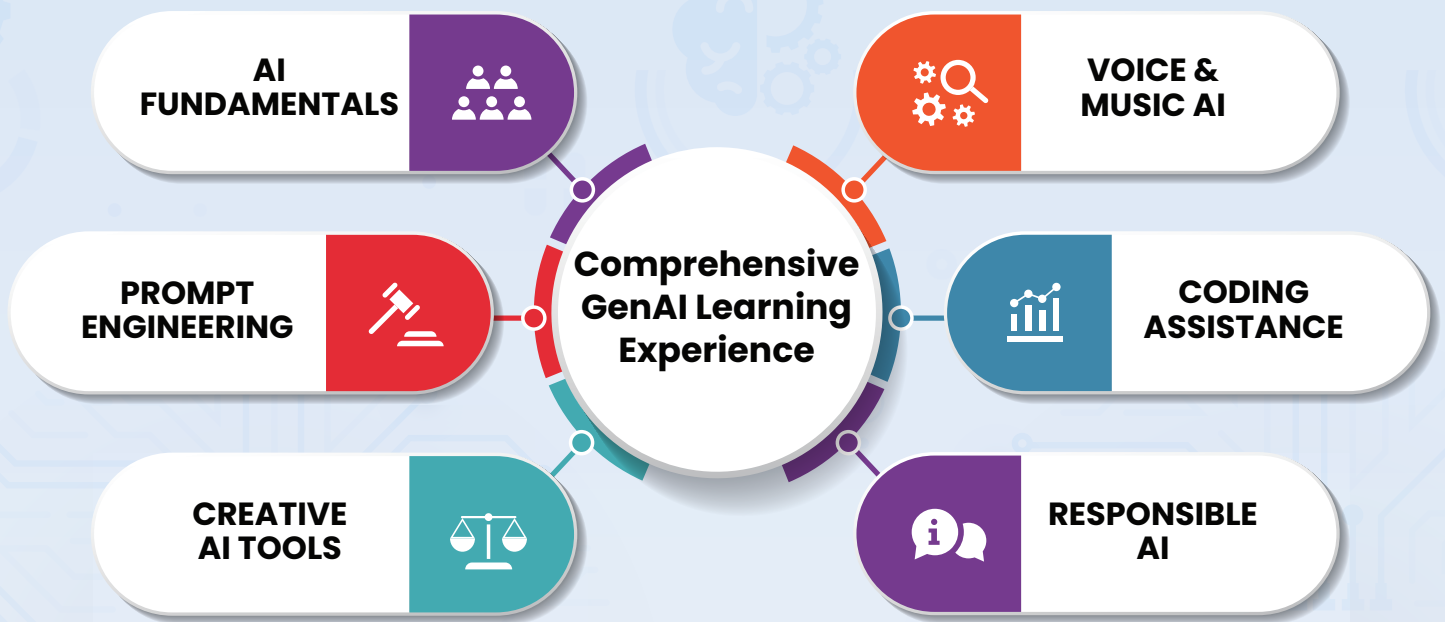
In collaboration with



BRET
INNOVATIONS



The IoT Academy
Connecting The Unconnected



Master 15+ Popular AI Tools

ChatGPT

Claude

Gemini

DeepSeek

DALL-E

Midjourney

ElevenLabs

Murf

Suno

Udio

Grammarly

QuillBot

Perplexity AI

GitHub Copilot

Stable Diffusion

4-Week Learning Journey

Each week builds upon the previous, taking you from AI basics to creating your own AI-powered projects.

Session 1

Understanding the World of AI

1. What is AI and where do we use it today?
2. **Types of GenAI tools:** Text, Image, Video, Voice, Music, Productivity
3. **Real-life examples:** ChatGPT, Midjourney, Synthesia, ElevenLabs

Session 2

Prompt Engineering Basics

1. How to write effective prompts for ChatGPT, Claude, and Midjourney
2. **Prompt design patterns:** instruction, context, constraint
3. **Hands-on:** Try 5 prompts in ChatGPT & generate an image with DALL-E or Midjourney

Session 1

Conversational AI Tools

1. ChatGPT, Claude, Gemini, DeepSeek overview
2. Choosing the right chatbot for writing, summarizing, reasoning, or coding
3. **Hands-on:** Write an article using ChatGPT and summarize using Claude

Session 2

Image Generation AI

1. Midjourney, DALL-E, Stable Diffusion — creative use cases
2. Prompt structure for image tools
3. **Hands-on:** Create a poster or concept art using DALL-E or Midjourney

Session 1

Voice & Music Creation AI

1. **Tools:** ElevenLabs, Murf, Suno, Udio
2. How AI creates realistic voices and songs
3. **Hands-on:** Create a 30-second AI voiceover and a short music clip

Session 2

Writing & Search Assistants

1. Grammarly, QuillBot, Perplexity AI for enhanced productivity
2. **Hands-on:** Improve a paragraph, paraphrase text, and verify facts using Perplexity

Session 1

AI for Work & Coding Efficiency

1. **Tools:** Microsoft Copilot, GitHub Copilot, Tabnine
2. How AI automates tasks in Word, Excel, and code editors
3. **Hands-on:** Create a PowerPoint using Copilot & write simple code with GitHub Copilot

Session 2

Responsible AI & Mini Project

1. AI ethics, bias, and safe usage
2. **Emerging trends:** multimodal AI & automation
3. **Mini Project:** Combine two tools (e.g., DALL-E + ElevenLabs) to make a creative demo

Your AI-Powered Mini Project

Combine multiple AI tools to create something unique - whether it's an AI-generated story with custom illustrations and voiceover, or an automated presentation with AI-created content and visuals.

