
2-Day Hands-on Workshop on Generative AI

Empowering Engineering Students with Future AI Skills

About the Workshop

Generative Artificial Intelligence is transforming how we learn, build, and innovate. This **2-day beginner-friendly workshop** is designed to introduce engineering students to the **fundamentals of Generative AI**, its real-world applications, and hands-on usage of popular AI tools like **ChatGPT and AI-powered content generators**.

No prior AI or coding experience is required.

Who Should Attend

- Engineering Students (All Branches)
 - Beginners curious about AI
 - Students interested in AI-based projects
 - Anyone looking to upskill for future careers
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What You Will Learn

- Fundamentals of Artificial Intelligence & Generative AI
 - How tools like ChatGPT work
 - Basics of Large Language Models (LLMs)
 - Prompt Engineering techniques
 - AI-assisted coding & debugging
 - Text, image & content generation using AI
 - Ethical & responsible use of AI
 - How to build simple Generative AI projects
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Workshop Highlights

- ✓ Beginner-friendly approach
 - ✓ Hands-on practical sessions
 - ✓ Live demonstrations of AI tools
 - ✓ Mini project & group activities
 - ✓ Real-world engineering use cases
 - ✓ Career guidance in AI & emerging roles
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Workshop Structure

Day 1: Foundations of Generative AI

- Introduction to AI, ML & Generative AI
- Understanding Large Language Models (LLMs)
- Prompt Engineering basics
- Hands-on practice with ChatGPT
- Mini project: AI Study Assistant

Day 2: Applications & Projects

- Generative AI for coding & problem-solving
 - AI for content & image generation
 - AI tools overview for students
 - Mini project development
 - Project presentation & feedback
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Tools Covered

- ChatGPT
 - Google Colab
 - AI Content & Image Generation Tools
 - AI-assisted coding platforms
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Learning Outcomes

By the end of this workshop, participants will be able to:

- Understand core Generative AI concepts



- Use AI tools effectively for academics & projects
 - Write optimized prompts for better AI output
 - Apply AI in real-life engineering scenarios
 - Prepare for advanced AI learning paths
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Certification

All participants will receive a **Certificate of Participation** upon successful completion of the workshop.

Duration

- **2 Days**
 - Interactive sessions + Hands-on labs
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Workshop charge:

- 2-day workshop Fee Rs. 1500/-per Participant
- Fee does not include GST

Workshop Requirements

We would require the following facilities from the hosting institution to organize any workshop

- A seminar hall or classroom with sufficient capacity to conduct hands-on sessions for all participants.
- A good quality public address system, ideally with two cordless microphones.
- A projector, screen, and a black/white board for teaching and presentation purposes.
- To organize any workshop, we require a minimum of 60 participants
- Accommodation for one training expert.



To Organize a workshop contact Details –

Team EduxLabs

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