



🚀 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

💡 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



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

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

Tools Covered

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

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

Certification

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

Duration

- **2 Days**
- Interactive sessions + Hands-on labs

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 –

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