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**LAB 1**

**1) Practical Prompting: Launch Email for a Workshop**

Subject: Invitation to Join the Generative AI Workshop

Dear Students,

We are pleased to invite you to a Generative Artificial Intelligence (GenAI) Workshop, specially designed for undergraduate students who are interested in understanding emerging technologies and their real-world applications.

Date: Next Friday

Mode: [Offline / Online – as applicable]

Duration: [Mention time if required]

Generative AI is rapidly transforming various domains such as education, healthcare, science, and industry. This workshop aims to provide a clear introduction to the fundamentals of Generative AI and help students understand its growing importance in today's technology-driven world.

**What You Will Learn:**

- Fundamentals of Generative Artificial Intelligence
- Overview of popular GenAI tools and applications
- Role of AI in science and technology
- Hands-on learning through interactive sessions

**Why You Should Attend:**

- Gain practical knowledge beyond academic curriculum
- Develop awareness of future-ready technological skills
- Enhance academic and professional understanding
- Interact with experts and peers

This workshop is suitable for students from all disciplines. No prior knowledge of AI is required; only an interest in learning and exploring new technologies is encouraged.

Since seats are limited, students are requested to register at the earliest.

We look forward to your participation and hope this workshop provides valuable learning and exposure.

Warm regards,  
Shriya D Pai

## 2. Image Generation: Using DALL-E via Image Creator / Chat GPT

- Concept: Translating descriptive text into visual assets.

- **Instruction:**

- Provide a highly detailed description for your image. If the result is not what you expected, use the logic of the Cognitive Verifier Pattern by asking the AI what specific visual details (lighting, style, framing) it needs to improve the output.

**PROMPT:** A modern university classroom during a Generative AI workshop. Undergraduate students are seated with laptops, listening attentively to an instructor. Large digital screens display AI-related graphics such as neural networks and code. Bright natural lighting from side windows, realistic photography style, cinematic framing, shallow depth of field, professional and energetic learning atmosphere.”



#### 4. Video Creation: Fliki.ai , [Kalaido.ai](#) or Similar tools

It all begins with a simple question: how does science shape the world around us? In a quiet classroom, a group of students listens as their teacher speaks about discovery, curiosity, and innovation. Science has always helped us understand life, from the smallest cells to the largest stars in the universe. Today, science has found a powerful new partner—artificial intelligence. With AI, scientists can study diseases faster, design better materials, and explore space more deeply than ever before. In laboratories, AI helps researchers analyze data that once took years to understand, while in hospitals it supports early diagnosis and better treatment. In classrooms, AI opens new ways to learn, imagine, and create. As the students observe and learn, they realize something important: the future of science is not just in machines or algorithms, but in curious minds willing to ask questions and seek answers. By learning science alongside artificial intelligence, students prepare themselves to solve real-world problems and become innovators, researchers, and leaders of tomorrow. Every great discovery begins with curiosity, and every future breakthrough begins with learning today. Science and artificial intelligence are shaping the future, and that future begins in the classroom.