Interactive Lecture Program on
Generative AI and its applications

Objective: This training program aims to provide participants with a foundational understanding of generative AI and its transformative potential across various domains. Through expert-led sessions and hands-on activities, attendees will explore key concepts and practical applications, including:

- **Introduction to Generative AI:**
  - Definition and core principles of generative AI.
  - Understanding its role in creating text, images, audio, and more.
  - Differentiating generative AI from traditional AI approaches.
- **Large Language Models (LLMs):**
  - Overview of LLMs like GPT-4, BERT, and Google T5.
- **Generative AI Tools and Platforms:**
  - Accessing and utilizing tools like OpenAI API, Hugging Face, and Google Cloud AI Hub.
  - Practical insights into using APIs for seamless integration.
- **Retrieval-Augmented Generation (RAG):**
- **Emerging Trends in Generative AI:**
  - Latest advancements and applications in industries like IT, healthcare, and content creation.
  - Real-world examples demonstrating generative AI's impact.

By the end of the program, participants will:

- Gain a clear understanding of generative AI concepts and their practical implications.
- Be prepared to explore and leverage generative AI technologies for innovation and efficiency

CPD Category:	C
Date :	31-12-2024.
Course Timings:	14:00 Hours – 16:00 Hours.
CPD PEC Credit Points:	0.5
Course Fee:	1000/= (Rupees One Thousand only). 500/= (Rupees Five Hundred Only).[For Students]
Pay order should be in favor of	**"IIEE(PCSIR) Student Fund Account". Only Pay orders are accepted. [IIEE Current students are exempted]**
Resource Person:	**Engr. Dr. Sajid Hussain** **Engr. Dr. Muhammad Sameer Ahmed**

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