

Workshop on “Gen-AI and Prompt Engineering”

Name of the Program:	Workshop on “Gen-AI and Prompt Engineering”	Program Dates & Timings:		30.11.2024 9.00AM- 1.00PM	
Name & Details of the Resource Person:	Aravinda Vengopalan Product Manager Accenture				
Organized by (Clubs/ Dept.)	Department of Information Science and Engineering	In Association with (clubs)		Hieka	
Number of Participants	33	Students	33	Faculty	11
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO5, PO11 and PO12				
Coordinators	Mrs.Arptha Kumari G				

About the Talk

The session on introducing participants to machine learning provided a comprehensive overview of ML as a leading field for developing intelligent systems. A transformative workshop on Generative Artificial Intelligence (Gen-AI) and Prompt Engineering was conducted by Aravinda Venugopalan, a leading expert in the field, for students. The event aimed to introduce participants to the rapidly evolving domain of Gen-AI and equip them with the skills necessary to leverage this technology effectively.

During the session, Aravinda Venugopalan elucidated the fundamentals of Gen-AI, highlighting its capabilities in content creation, automation, and problem-solving across various industries. The workshop emphasized the importance of Prompt Engineering, a critical skill for optimizing AI interactions. Students learned how to design precise, context-aware prompts to guide AI models like ChatGPT in generating relevant, accurate, and creative outputs.

The hands-on segment allowed participants to experiment with crafting prompts and observing AI responses, offering insights into real-world applications such as text generation, summarization, and creative writing. The interactive format encouraged active participation and fostered a deeper understanding of the subject. By the end of the workshop, students were equipped with practical knowledge and techniques to explore Gen-AI tools, preparing them for emerging opportunities in AI-driven industries. The session was a resounding success, inspiring attendees to embrace the possibilities of AI innovation.

Key Topics Covered:

- Introduction to Generative AI (Gen-AI)
- Fundamentals of Prompt Engineering
- Hands-on Applications and Case Studies

Objectives:

- To introduce students to the concepts and capabilities of Generative AI (Gen-AI) and its impact on various industries.
- To equip students with the skills required for crafting effective prompts to optimize AI interactions.
- To provide hands-on experience in using Gen-AI tools for real-world applications, fostering creativity and problem-solving.

Outcomes:

- Students gained a foundational understanding of Gen-AI and its potential to innovate in diverse fields.
- Participants developed practical skills in Prompt Engineering, enabling them to effectively interact with AI tools for various purposes.
- Students were inspired to explore further opportunities in AI, with enhanced confidence in leveraging Gen-AI for academic and professional growth.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	2	2	3							2
2	2	3	1		2							2
3	1		3	2	3							2
Average	2	3	3	2	3							2

Glimpses of Event:



Coordinator

HOD

Principal