- **Title:** GEN AI and PROMPT ENGINEERING
- **Nature of the Event:** Workshop
- **Date:** 9th October 2024
- **Time:** 11:00 AM – 1:00 PM
- **Speaker Details:** Bharatdeep Hazarika
  Software Engineer(AI), at MyFi

- **Faculty Coordinator:** Dr. Aravinda K
  HOD – ECE (Senior Member of IEEE)

- **Number of Participants:** 158

- **Venue:** MBA Seminar Hall

Brief report:

GEN AI and PROMPT ENGINEERING

On 9th October 2024, the IEEE New Horizon College of Engineering Student Branch along with the IEEE NHCE Sensors council, under the IEEE Bangalore section, hosted an engaging hands-on session on Generative AI and Prompt Engineering as part of the IEEE Day celebrations. This engaging session provided students with insights into the future of AI and the critical role of prompt engineering in shaping AI-driven outcomes. The event was a great opportunity for participants to explore this innovative technology and understand its broad applications in various domains.

Event Highlights:

The event on Generative AI and Prompt Engineering provided a comprehensive and engaging exploration of Generative AI and its broad applications in various fields. Attendees were introduced to the fundamental concepts of how AI can be utilized for creative tasks, such as content generation, design, and problem-solving. The session highlighted how this cutting-edge technology can drive innovation by automating complex tasks and producing outputs that mimic human creativity. This thought-provoking exploration allowed participants to gain a clearer understanding of the impact and versatility of Generative AI across industries.

A key focus of the workshop was prompt engineering, a crucial aspect of working with Generative AI. Participants learned that the effectiveness of AI-generated outputs heavily depends on how well the prompts are crafted. The session emphasized the importance of precision and clarity in prompt creation, showcasing how small adjustments in phrasing can lead to significantly improved results. By exploring real-world case studies

and engaging in discussions, participants gained insights into best practices for formulating prompts that guide AI systems towards generating more accurate and meaningful solutions.

In addition to theoretical insights, the event provided participants with an invaluable hands-on experience, giving them the opportunity to work directly with AI tools and platforms. This practical approach allowed them to apply their knowledge of prompt engineering in real time, refining their skills in creating prompts that drive desired outcomes. Through this interactive session, attendees were able to see how AI-generated content is created, manipulated, and optimized, offering them a deeper understanding of the mechanics behind AI.

By the end of the session, participants walked away with a solid grasp of how to leverage Generative AI to drive innovation and creativity, along with the ability to fine-tune their interactions with AI systems for better outcomes.

Why IEEE:

Beyond AI and prompt engineering, the IEEE NHCE Sensors Council introduced participants to the role and importance of IEEE in fostering innovation and community-driven development in engineering. A brief campaign for IEEE membership was conducted, highlighting the benefits of joining IEEE, such as networking opportunities, access to cutting-edge research, and personal career growth.

Positive Feedback:

The event was met with overwhelmingly positive responses from the participants. Here are a few:

-"Loved the session! Please conduct these kind of sessions every month!"

-"Truly knowledgeable—learned so much about Gen AI and its significance."

-"Loved the way everything was explained in detail."

-"I would love to be part of more events like this!"

Summary

The "GEN AI and Prompt Engineering" workshop was a resounding success, both in terms of participation and the depth of knowledge shared. The speaker ensured that this hands-on session provided attendees with invaluable insights into the transformative power of Generative AI. Participants were introduced to the practical applications of AI across diverse fields, from creative industries to problem-solving domains. The session equipped them with critical skills in prompt engineering, enabling them to manipulate AI systems and improve content generation.

Through live demonstrations, active discussions, and direct hands-on experiences, the workshop enabled participants to not only gain technical proficiency but also understand the importance of community-driven collaboration in the field of AI. By learning to create, refine, and optimize prompts, participants walked away with practical knowledge that would be useful in both academic and professional settings.

This event was instrumental in showcasing the real-world applications of Generative AI, fostering enthusiasm for AI-driven solutions, and expanding the IEEE community. The workshop has left participants inspired and better prepared for the AI-driven future.

NEW HORIZON
COLLEGE OF ENGINEERING

IEEE NHCE STUDENT BRANCH × IEEE Sensors Council NHCE Student Branch Chapter

ORGANIZES

A HANDS-ON SESSION ON
GEN AI AND PROMPT ENGINEERING

LED BY: BHARATDEEP

Software Engineer (AI), MyFi

- **DATE: 9TH OCTOBER 2024**
- **TIME: 11:00 AM – 1:00 PM**
- **VENUE: MBA SEMINAR HALL**

Benefits:

- Hands-on experience with GEN AI tools
- Develop essential prompt engineering skills
- Certificate of Participation for all attendees

Contact for more details:

- Syed Hannan- 8095418861
- Kiran Ghosh- 9019042992


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