A REPORT ON

Prompt Engineering Workshop

Date: 18th January 2025
Venue: Apple Lab, B-Block, Silver Oak University

Prompt Engineering Workshop

Introduction:

Prompt Engineering Workshop, organized by **Silver Oak University IEEE Student Branch**, focused exclusively on equipping members with essential skills in prompt design, tokenization and AI model selection. The session also delved into advanced techniques such as reverse prompting and automation, providing a comprehensive understanding of prompt engineering while highlighting potential career opportunities in this emerging field.

About the speaker:

The workshop was conducted by Mr. Prince Dayani, a 6th semester Cybersecurity student at Silver Oak University. He is the Founder of ExploitXplorers, a former Webmaster of IEEE SOU SPS SBC and has served as the Treasurer of Secure Ops.

About the session:

Date: 18th January 2025
Time: 10:00 A.M. - 12:00 P.M.
Venue: Apple Lab, B-Block, Silver Oak University
Participants: 21

The session kicked off with Mr. Prince Dayani delivering a captivating introduction to prompt engineering and its practical applications, engaging attendees with his amazing insights. He explored the History of AI, Tokenization and Pattern Detection for Prompts. The session kept getting exciting for the attendees as the speaker encouraged interactions by asking questions and inviting participants to consider how these techniques can enhance AI interactions.

Emphasizing the significance of prompt engineering principles, he leveraged his expertise to guide participants through the complexities of AI prompt design, offering clear and detailed explanations for each key concept with interactions.

The workshop moved further featuring a segment on crafting tailored prompts for different AI systems, illustrated through a live demonstration that brought the concepts to life. This was followed by an engaging showcase of automated text generation and the influence of contextual guidance on AI responses, with practical examples highlighting prompt optimization techniques.

Rounding off the session, Mr. Dayani delivered a comprehensive live demonstration and the importance of prompt engineering. The event wrapped up with a discussion on various AI applications, highlighting how they are benefiting researchers, content creators and many more. This session explored real-world use cases, gaining insights into how AI systems operate and the role of effective prompts in enhancing their functionality.

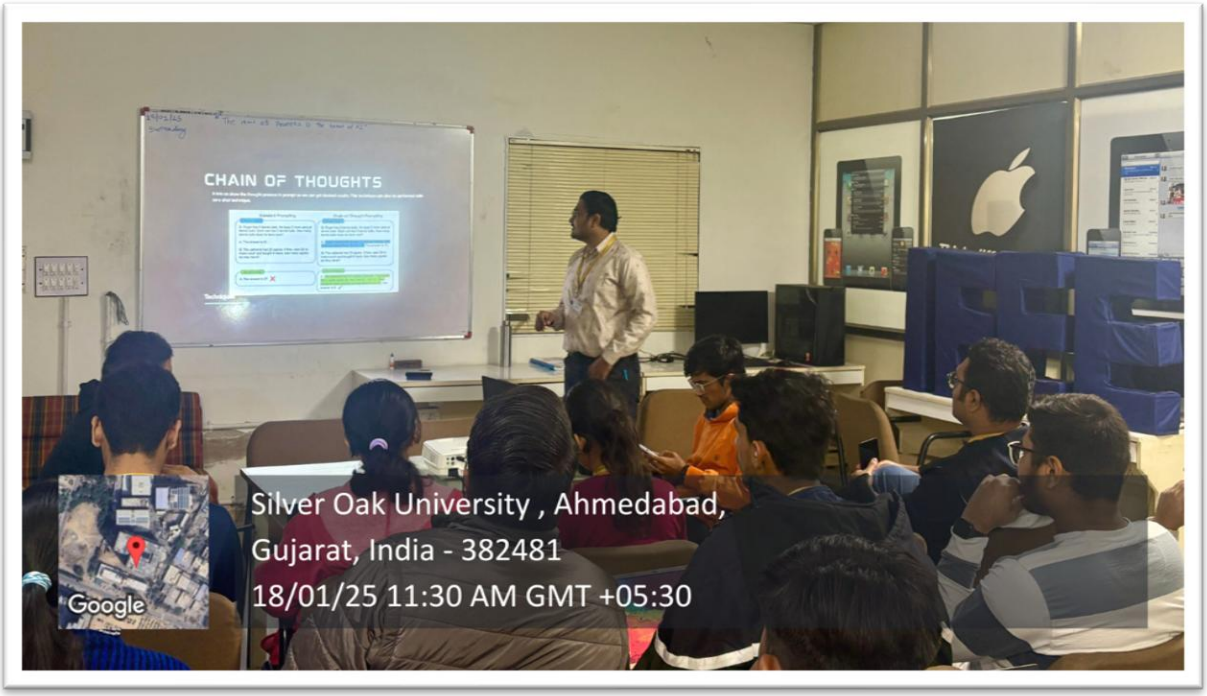
Conclusion:

The event equipped participants with essential prompt engineering techniques, covering areas such as developing impactful prompts optimizing tokenization and utilizing diverse AI models through peer-to-peer learning and hands-on demonstrations of advanced methods. In addition, discussions highlighted promising career opportunities within the field.

The success of the workshop owes much to the guidance and support of Dr. Satvik Khara, Dean, School of Technology, Design and Computer Application; Chairperson, SIGHT, IEEE Gujarat Section; Chairperson, Technical Committee, Computer Society, IEEE Gujarat Section; Founding Member, Silver Oak University IEEE Student Branch.

Some glimpses of the event:

Mr. Prince Dayani set the tone of the session with an engaging Q&A



The speaker explaining the fundamentals of standard prompt engineering