SILVER OAK UNIVERSITY
EDUCATION TO INNOVATION

IEEE | Silver Oak University
IEEE Student Branch

IEEE COMPUTER SOCIETY
Silver Oak University
Student Branch Chapter

A REPORT ON

Tech Xplore:
Unveiling The Next Era of Technology

Date: 8th February 2025
Mode: Online

TECH XPLORE WEBINAR

UNVEILING THE NEXT ERA OF TECHNOLOGY

Introduction:

"Tech Xplore: Unveiling The Next Era of Technology", under the banner of **Silver Oak University IEEE Student Branch** in association with **Silver Oak University IEEE Computer Society Student Branch Chapter** encouraging a profound culture of learning and intellectual growth. The event provided a platform for exploring transformative technological trends, with a discussion centered around future tech trends and predictions of 2025.

About the Speaker:

Mrs. Jyotika Athawale, CTO Office - RAS Director at Synopsys; IEEE Division VIII Director-Elect Candidate; President Emeritus, IEEE Computer Society; Chair of IEEE P2851 Standards.
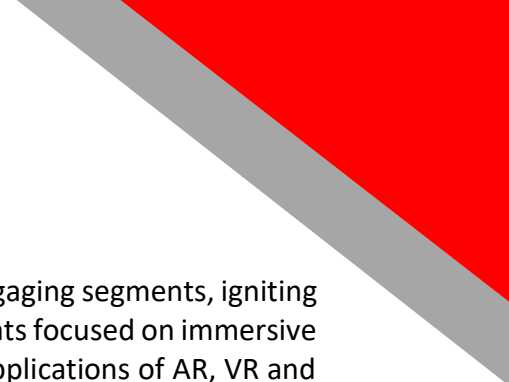
About the Session:

Date: 8th February 2025
Time: 08:30 P.M. - 09:30 P.M.
Mode: Online
Participants: 62

This webinar was commenced by Mrs. Jyotika Athawale, featuring insightful discussions revolving around emerging technologies and forecasts for 2025. The expert explored emerging technologies and their transformative impact across industries. Predictions, based on statistical insights in the annual IEEE Computer Society report, provided a data-driven perspective on future trends. The discussion highlighted advancements driving smarter decision-making, automation and operational efficiency while addressing challenges hindering widespread adoption. A significant focus was placed on the regulatory landscape, emphasizing the need for balanced policies that foster innovation while ensuring safety and ethical considerations. Additionally, participants examined the influence of immersive digital experiences and their potential to reshape user interactions across domains.

As the discussion progressed, the focus shifted to technology's expanding influence across critical domains such as healthcare, intelligent automation and data-driven decision-making. With rapid advancements, future innovations are expected to revolutionize medical diagnostics, personalized treatment plans and predictive analytics, improving patient care. In automation, emerging technologies aim to enhance efficiency in industrial processes, optimize supply chains and transform customer service operations. The conversation also highlighted the importance of responsible development, addressing concerns like algorithmic biases, data privacy and transparency. As these technologies evolve, the speaker emphasized the need for ethical frameworks to ensure fair, accountable and trustworthy advancements, fostering sustainable growth.

The interactive Q&A session stood out as one of the event's most engaging segments, igniting discussions on future possibilities. Participants reflected on past events focused on immersive technologies, offering valuable perspectives on the evolution and applications of AR, VR and the metaverse across various industries. These conversations inspired creative thinking about the future potential of emerging technologies. Key insights from the session included strategic recommendations for ethical AI adoption, regulatory frameworks and a forward-looking vision for integrating technology responsibly and sustainably into society.
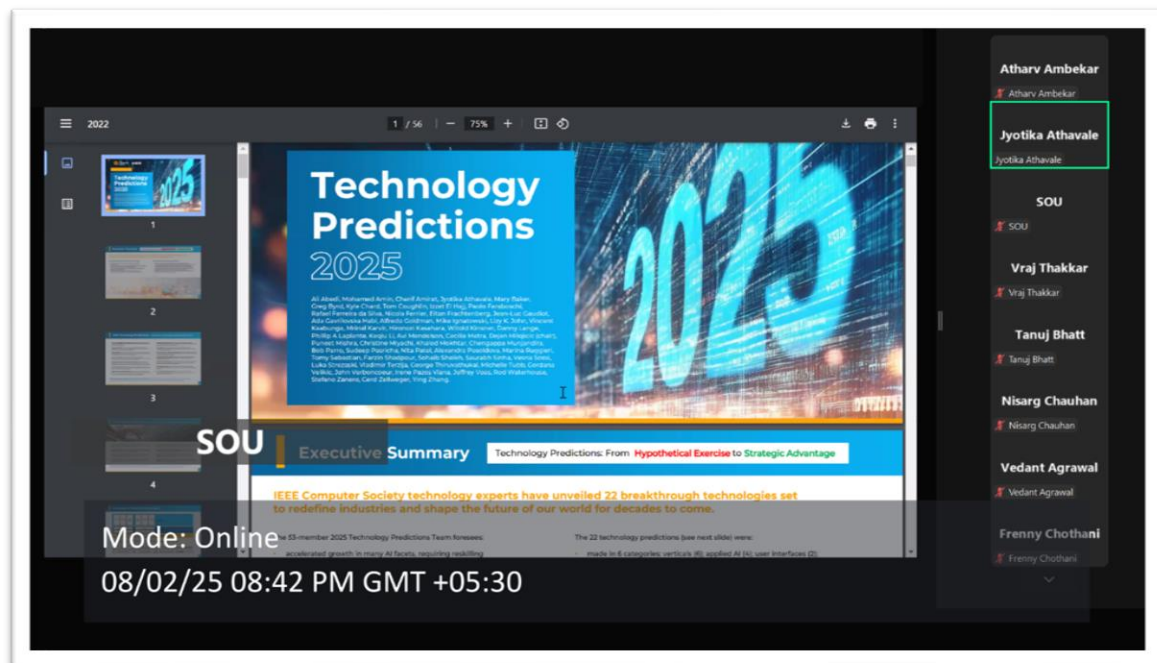
Conclusion:

Tech Xplore webinar was an exciting and insightful session that shed light on the groundbreaking technologies shaping the future. Mrs. Jyotika Athawale shared valuable perspectives on AI, automation and immersive digital experiences, helping participants understand how these advancements are transforming industries. The discussion also highlighted the importance of ethical AI, responsible innovation and strong regulatory frameworks to ensure technology benefits society in a fair and sustainable way. The interactive Q&A session brought in fresh ideas and engaging conversations, making the event even more dynamic and thought-provoking.
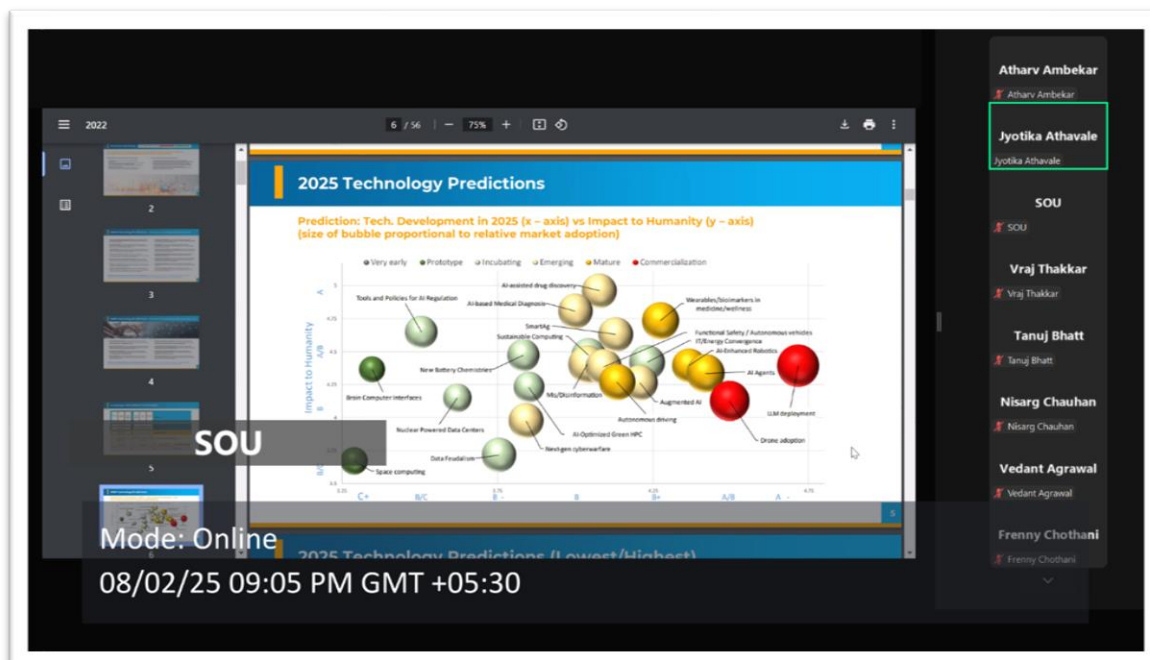
The success of the webinar was made possible by the guidance and support of Dr. Satvik Khara, Dean, School of Technology, Design and Computer Application; Chairperson, SIGHT, IEEE Gujarat Section; Chairperson, Technical Committee, Computer Society, IEEE Gujarat Section; and Founding Member of the Silver Oak University IEEE Student Branch.
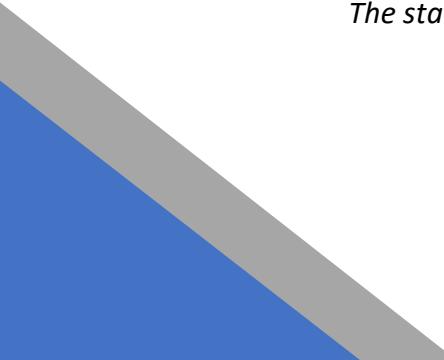
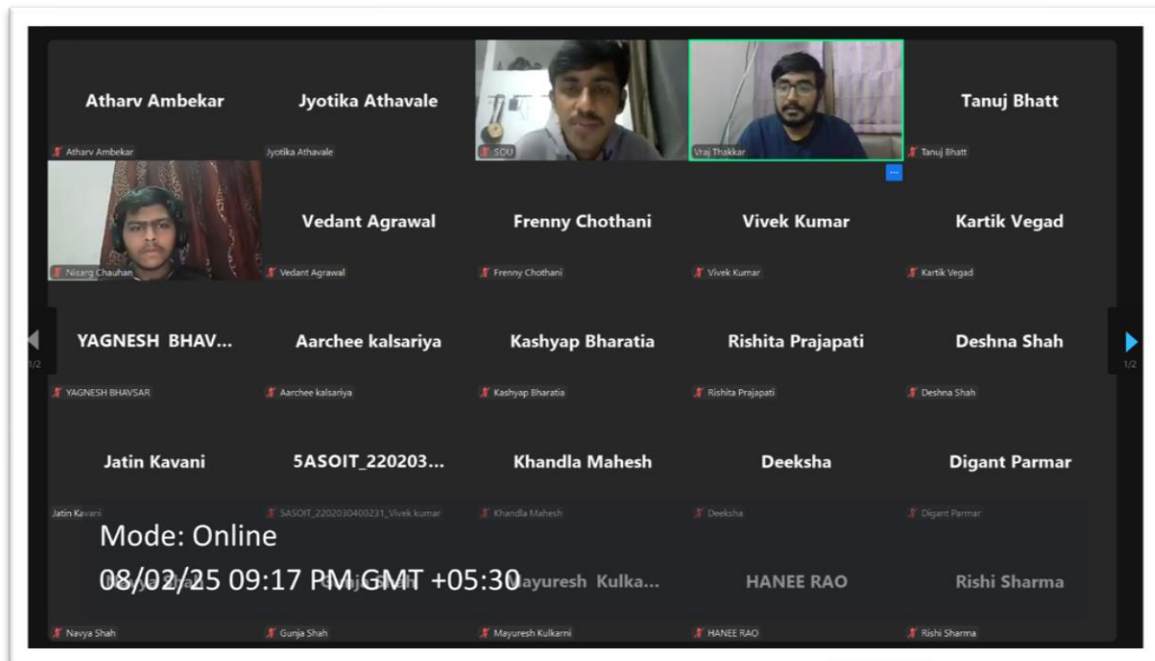**Some glimpses of the event:**

Mrs. Jyotika Athavale commencing the webinar with IEEE CS Tech Predictions for 2025
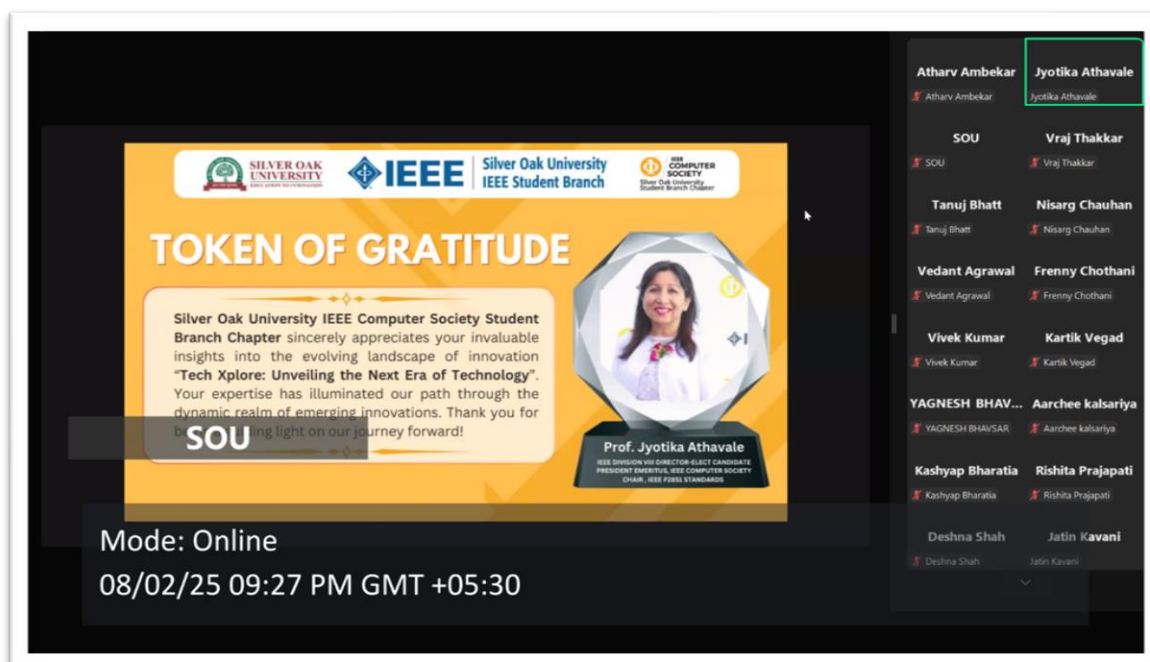

The statistics for 2025 Tech Predictions were presented by the expert

A Q&A session being conducted with the participants

A token of gratitude being extended to the esteemed speaker