



**SILVER OAK
UNIVERSITY**
EDUCATION TO INNOVATION



IEEE

Silver Oak University
IEEE Student Branch



A REPORT ON IEEE WIE DAY 2025 - Industry Visit

Date: 01st July 2025

Venue: eInfochips Inc., Ahmedabad

 **IEEE WIE DAY** 
CELEBRATION **INDUSTRIAL VISIT**

Introduction:

To mark **IEEE WIE DAY 2025**, an industrial visit to **eInfochips Inc.** was organised under the aegis of **Silver Oak University IEEE Student Branch** and **Silver Oak University IEEE Women in Engineering Student Branch Affinity Group**. The visit demonstrated how emerging technologies including cybersecurity, artificial intelligence and advanced semiconductor chip-based solutions are shaping a more secure and resilient future, aligning with IEEE WIE's mission to support women in the fields of engineering and technology. It aimed to promote industrial exposure and encourage research, leadership, and professional growth among all participants.

About the session:

Date: 01st July 2025

Time: 09:30 A.M. - 03:30 P.M.

Venue: eInfochips Inc., Ahmedabad

Participants: 48

The visit kicked off with a session featuring a brief introductory video highlighting the core domains of eInfochips Inc., including mobility, healthcare, industrial automation, space-tech and hi-tech solutions. Where the company's representative showcased several IoT-based innovations like fingerprint detection devices, slimmest ultrasound devices, 3D hologram fan, high-voltage Battery Management Systems (BMS) and world's tiniest portable camera. The session also covered key design challenges and insights from The CXO's Handbook, which explored strategic decision-making in energy systems. It concluded with an in-depth look at plugin architecture and modular software design, reinforcement of their global presence and a client portfolio featuring Samsung, Microsoft, Comcast, IDEMIA, Cisco and Avago.

Continuing the visit, the next session highlighted the company's global footprint and its centers across India and abroad. The discussion centered on their core strengths in device engineering, digital innovation, quality and their strategic emphasis on cybersecurity as a foundational safeguard in modern technology. The Arrow Automotive Center of Excellence was showcased as a key partner in next-generation mobility solutions for leading OEMs and suppliers. With over 30 years of engineering expertise, the company also introduced 6D and 7D development concepts, encouraging attendees to integrate generative AI to elevate their skills and impact.

The concluding session provided an in-depth explanation of both the CyberOps and DevOps pipelines. The speaker outlined the structure and flow of the DevOps pipeline, including stages such as planning, code integration, automated testing, deployment, and infrastructure management. In parallel, the CyberOps pipeline was described as a layered security approach integrated into the development process, covering aspects like threat detection, vulnerability scanning, security monitoring, and incident response. The session highlighted how both pipelines operate individually and in conjunction to support secure and efficient software development and operations.

Conclusion:

IEEE WIE Day 2025 at eInfochips Inc. offered an immersive glimpse into the company's technological depth and people-first culture. From mobility to AI and DevSecOps, the sessions bridged academic insights with real-world applications. Conversations reflected a commitment to engineering impact and continuous growth. With a focus on cybersecurity and high-growth fields like cloud and platform engineering, the visit highlighted current trends and career pathways. Attendees explored industry applications, understood emerging technologies, and left inspired to pursue careers in tech.

The success of this celebration owes much to the guidance and support of Dr. Satvik Khara, Dean, College of Technology, Silver Oak University; IEEE Senior Member; Chairperson, Technical Activity, Computer Society, IEEE Gujarat Section; Founding Member, Silver Oak University IEEE Student Branch. His visionary leadership and unwavering support played a pivotal role in the success of the event, fostering an environment of learning and innovation.

Some glimpses of the session



Students engaging in an interactive session at eInfochips Inc.



Cherishing the celebration by concluding it with a group photo