



HOPE Foundation's

**Finolex Academy of Management & Technology, Ratnagiri**

**Department of Electrical Engineering**

**Industry Expert Seminar by**

**Prolific Technologies Pvt. Ltd. on**

**“Importance of DCS and SCADA in Industrial Automation”**

Organizing Institution: Finolex Academy of Management and Technology, Electrical Engineering Department

Event Date: 9<sup>th</sup> February 2024

Event Coordinator: Mr. Prasad J Kadam

Resource Person: Mr. Vivek Sardal, Regional Manager, Prolific Systems and Technologies Pvt. Ltd.

Head of Department: Dr Jayant J. Mane

Number of Participants:- 64

#### **Introduction:**

The seminar on the importance of Distributed Control Systems (DCS) and Supervisory Control and Data Acquisition (SCADA) in industrial automation, organized by the Electrical Engineering Department of Finolex Academy of Management and Technology, aimed to provide attendees with valuable insights into these crucial technologies. The event was held on 9<sup>th</sup> February 2024 and witnessed active participation from 64 students.

#### **Event Objectives:**

1. **Advance Engineering Knowledge:** The seminar aimed to deepen participants' understanding of DCS and SCADA systems, aligning with contemporary engineering practices and principles.
2. **Cultivate Lifelong Learning:** Through presentations and discussions, the event fostered a culture of continuous education and skill development in DCS and SCADA technologies, enabling attendees to stay updated with industry advancements.
3. **Promote Modern Tool Usage:** Practical demonstrations and case studies showcased the effective utilization of advanced DCS and SCADA tools, empowering participants to enhance productivity and efficiency in industrial processes.
4. **Encourage Solution-Oriented Design:** The seminar inspired attendees to design and develop innovative solutions tailored to industrial challenges, utilizing DCS and SCADA methodologies in alignment with outcome-based education objectives.

## Event Proceedings:

The seminar commenced with an introduction by Dr Jayant J. Mane, Head of the Department, who welcomed the attendees and highlighted the significance of the topic in the context of modern industrial practices. Dr. Mane introduced the resource person, Mr. Vivek Sardal, Regional Manager at Prolific Systems and Technologies Pvt. Ltd., who brought a wealth of industry experience to the event.

Mr. Sardal delivered an insightful presentation on the role of DCS and SCADA in industrial automation, covering topics ranging from system architecture to real-world applications. He emphasized the importance of these technologies in optimizing processes, enhancing safety, and improving overall operational efficiency in various industrial sectors.

The session included interactive discussions, where attendees had the opportunity to ask questions and engage in knowledge-sharing with the resource person. Practical demonstrations and case studies provided a hands-on understanding of DCS and SCADA implementation in different industrial scenarios.

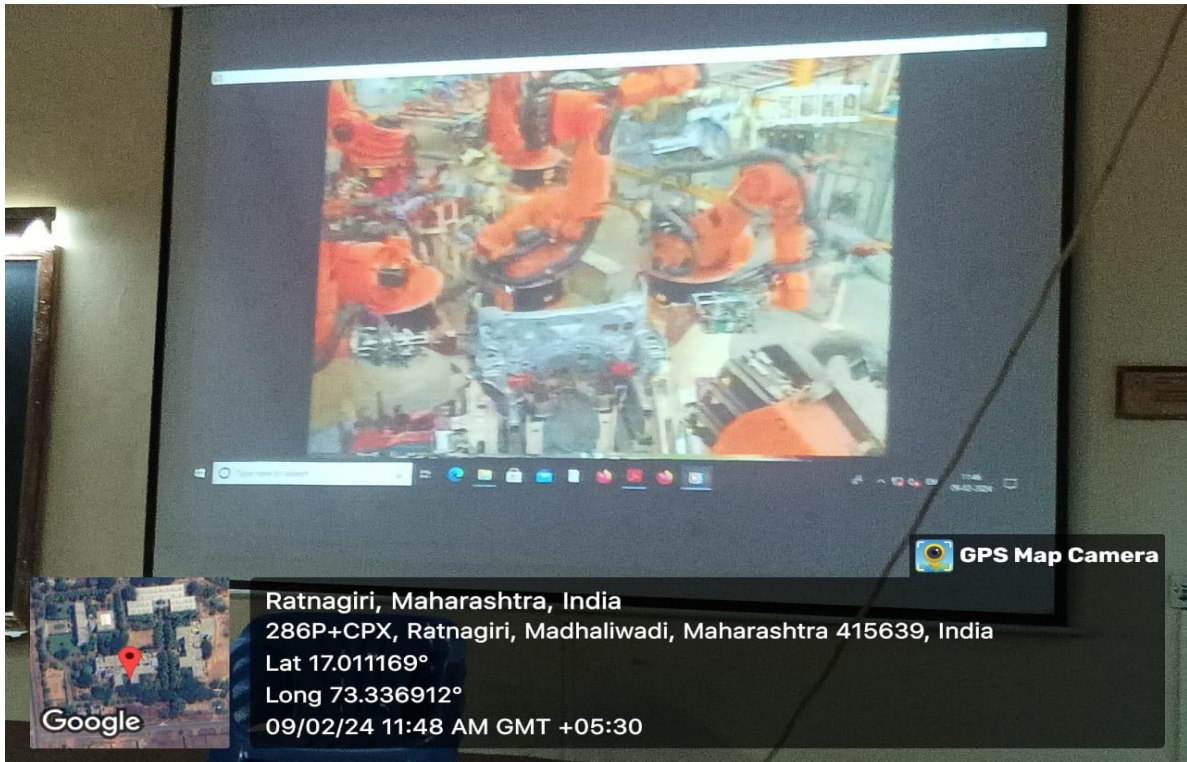
Dr. Jayant Mane concluded the seminar by expressing gratitude to Mr. Sardal for his informative session and to all participants for their active involvement. Mr. Prasad J Kadam, the event coordinator, delivered a vote of thanks, acknowledging the contributions of everyone involved in organizing and facilitating the seminar.

## Conclusion:

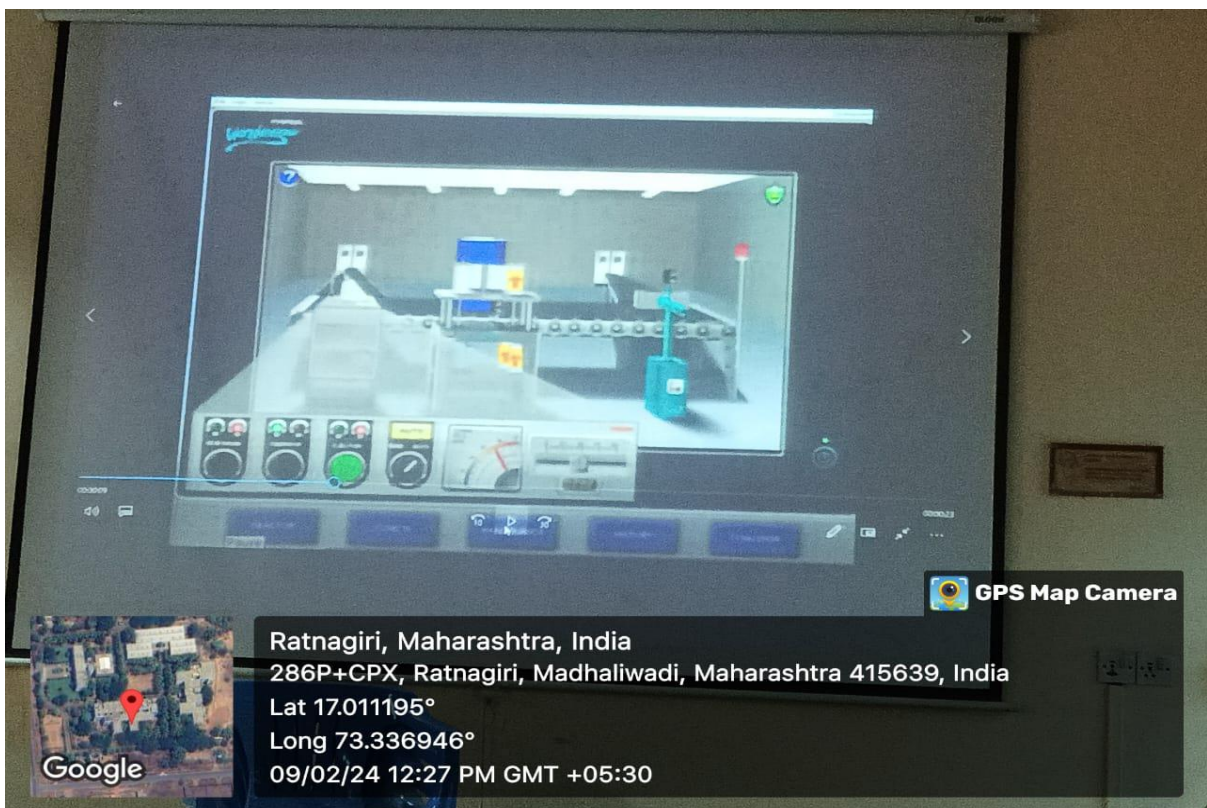
The Industry Expert Seminar on the importance of DCS and SCADA in industrial automation proved to be a valuable learning experience for all attendees. By achieving the stated objectives, the event successfully equipped participants with enhanced knowledge, practical skills, and a deeper appreciation for the role of these technologies in modern engineering practices.



Mr Vivek Sardal describes importance of DCS and SCADA systems in Industry 4.0



Mr. Vivek Sardal elaborates case study of Industrial Automation in Vehicle Assembling



Mr Vivek Sardal demonstrated SCADA based system to the participants