

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

Date of Activity held	20/08/2025
Time	11.00am to 1.00pm
Type of Activity (cultural/curricular/co-curricular)	Technical Talk on "Industry 4.0: PLC & Its Industrial Applications" (Co-Curricular)
Resource Person:	1. Mr. Santosh Khavasi 2. Mr. Malakari Arabhavi
Professional Details of Resource Persons/Guests	1. Manufacturing Engineer-II (Test Engineer), Thermo-King (Trane Technologies), Hastings, USA. 2. Manufacturing Engineer, Trane Technologies, Bengaluru
Target audience	5th and 7th Sem Students
No. of students-	58
Activity In charge-	Prof. O. B. Heddurshetti

Description of Activity:

EESSA organized a technical talk on "Industry 4.0: Programmable Logic Controllers (PLC) and Its Industrial Applications" on 20/08/2026 at Mechanical Seminar Hall for the students of 5th and 7th Semester of EEE department. The session was delivered by Mr. Santosh Khavasi, Manufacturing Engineer at Trane Technologies, USA and a distinguished alumnus of our Institute.

The event began with a warm welcome by Dr. B. V. Madiggond, HOD, EEE department and introduction of the resource person by Miss. Pooja Khadakbhavi, 7th Semester student. Mr. Santosh Khavasi, drawing from his rich professional experience, provided deep insights into the working principles of PLCs, their architecture, programming aspects, and role in automation. He emphasized the wide industrial applications of PLCs in manufacturing, process industries, and smart automation systems.

Mr. Santosh Khavasi also shared real-world case studies and practical examples from his career, which made the session highly engaging and informative for the students.

Mr. Malakari Arabhavi, Manufacturing Engineer, Trane Technologies, Bengaluru, an alumnus of our Institute, accompanying with Mr. Santosh Khavasi, also shared his experience with all the students and staff.



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EESSA

Activity Report

2025-26
(Odd Sem)

The session concluded with an interactive Q&A, where students clarified their doubts regarding career opportunities in automation, and industry expectations.

The event ended with a vote of thanks by Prof. O. B. Heddurshetti, EESSA Coordinator, appreciating Mr. Khavasi's valuable contribution and encouragement to the students.


EESSA Coordinator

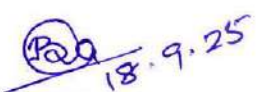

HOD 18.9.25
Dr. B. V. Madiggond
Prof. & Head BE, ME, Ph.D
Dept. of Electrical & Electronics Engg
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Activity Photographs: Technical Talk on “Industry 4.0: PLC & Its Industrial Applications”




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