

Faculty of Engineering and Technology

Department of Electronics & Communication Engineering

Title of the Event	Industrial visit MRF Tyres Manufacturing Plant
Date of Activity held	26/06/2026
Time of Activity	11.00 AM to 5 PM.
Type of Activity (Cultural/ Co-curricular/Curricular)	Extra- curricular Activity
Resource Person-1	Mr. Perugu Srinivas Reddy
Professional details of Resource Person	HR
Resource Person-2	Mr. Raja Yugender
Professional details of Resource Person	Production
Program/Course/ Class	B.Tech. / ECE / 8 th Semester(27)
Number of Staff attended	03
Activity Incharge	Prof. Shobhana, Prof.Shruti V H
Objective of the activity	To enhance students' understanding of industrial safety, quality control, and maintenance procedures. And to create awareness of career opportunities in the manufacturing and automation sectors .
Description of Activity	The Department of Electronics and Communication Engineering organized an industrial visit to the MRF Tyres Manufacturing Unit for final-year students to bridge the gap between classroom learning and industrial practices. During the visit, students observed the complete tyre manufacturing process, including raw material preparation, mixing, calendaring, tyre building, curing, quality inspection, and automated material handling systems. The industry experts explained the role of automation, Programmable Logic Controllers (PLCs), sensors, industrial instrumentation, robotics, and quality control systems used in the manufacturing process. Students also learned about preventive maintenance, safety practices, environmental management, and modern manufacturing technologies adopted in the plant. The visit provided valuable exposure to real-time industrial operations and enhanced students' understanding of industrial automation and electronic control systems.
Course Outcome	Apply the principles of electronics, instrumentation, sensors, PLCs, and industrial automation to understand and analyze real-time manufacturing processes and industrial control systems through practical exposure in an industrial environment.
Outcome of the Activity	• Six final-year ECE students were successfully placed in MRF Tyres as a result of the recruitment process associated with the industrial visit, reflecting the effectiveness of industry-institute. • Increased awareness of career opportunities in manufacturing, automation and industrial electronics sectors. • Enhanced understanding of the use of electronic instrumentation, sensors, PLCs and control systems in manufacturing industries.



Prof. Dr. Subhashini S. Appa
Sharnbasavaiah Vidya Vardhak Sangha

Prof. Dr. Channarayana Subbanna Appa
Sharnbasavaiah Vidya Vardhak Sangha

Prof. Dr. Sharnbasavaiah Appa
Sharnbasavaiah Vidya Vardhak Sangha

Centenary Celebrated Sharnbasavaiah Vidya Vardhak Sangha's

ಶರಣಬಸವ ವಿಶ್ವವಿದ್ಯಾಲಯ
Sharnbasava University

Kalaburagi-585 103 Karnataka-India | Estd.: 2017



Kalaburagi-585 103 - ಕರ್ನಾಟಕ - ಭಾರತ | ಸ್ಥಾಪನೆ : 2017



Prof. Dr. Doddeappa Appa
Sharnbasavaiah Vidya Vardhak Sangha

Prof. Dr. Mathuraj Gopalappa Aravali
Sharnbasavaiah Vidya Vardhak Sangha

(Under the aegis of Centenary Celebrated Sharnbasavaiah Vidya Vardhak Sangha,
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Approved by AICTE, UGC Under Section 2f, Recognized by Govt. of Karnataka.

Activity Photographs



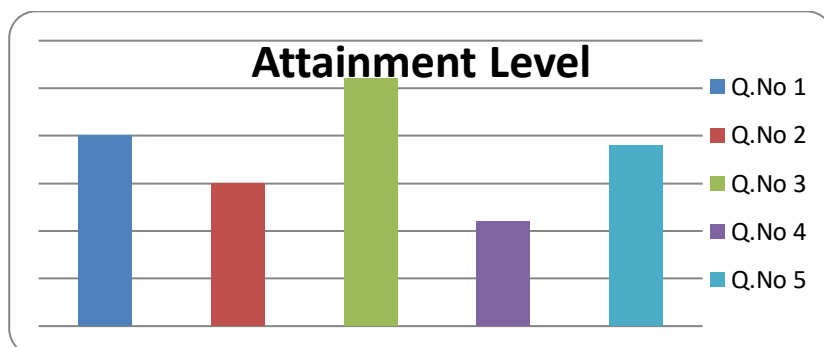
CO's, PO's and PSO's Correlation

CO's No.	CO Defined	Relevance to PO's and PSO'S
CO	Apply the principles of electronics, instrumentation, sensors, PLCs, and industrial automation to understand and analyze real-time manufacturing processes and industrial control systems through practical exposure in an industrial environment.	PO5, PO7, PSO3

Title of the Event: "Industrial visit MRF Tyres Manufacturing Plant"

Number of Students: 30

Q. No	Strongly Agree (3)		Moderately Agree (2)		Agree(1)		Total Score	%Attainment = (Total score/Total no. Students attended)	Average percentage Attainment	Attainment levels	Mapped POs	Mapped PSOs
1.	20	60	04	08	03	03	71	2.6	86	Medium = 2	5,7	3
2.	19	57	04	08	04	04	69	2.55				
3.	21	63	03	06	03	03	72	2.66				
4.	19	57	03	06	05	05	68	2.51				
5.	20	60	03	06	04	04	70	2.59				
Average								2.58				



Impact Analysis: From the above table, Industrial visit MRF Tyres Manufacturing Plant moderately attained to level 2. Against mapped PO5, PO7 and PSO3. Note: High=3, Moderate=2 and Low=1

Coordinator

Chairperson

Dean