



Department of Electronics and Communication Engineering

Technical Talk Report

on

“Role of Communication and Information for Industry 4.0”

- ❖ **Date:** 17th December 2022
- ❖ **Venue:** APJ Abdul Kalam Hall, RRCE
- ❖ **Instructor:** Mr. K.S. Srikanth
Validation Architect Safety Intel Technologies Bengaluru

- ❖ **Objective:**

The main aim of the session was to explain the role of Communication and Information for Industry 4.0 to our Electronics and Communication Engineering students. How the students should get ready in this situation to grab the opportunities to build their career. The objective of this program is to learn

- what is Industry 4.0 communication
- What is the major role of Industry 4.0 in industry sector
- Industry 4.0 Formation
- Embedded, Cyber physical and IoT
- The Evolution of wireless communications

- ❖ **Total numbers of participants:** 250

- ❖ **Major Session Contents:**

Mr. K.S. Srikanth gives a strong reason for the ECE students about why they should be proud about their Branch. He gave a clear visualization and analysis of the future that was waiting for the students. In this growing and era of “Communication and Information Industry 4.0”, we should be ready with new innovation and ideas to change the world and make it a better place. The session thought about the knowledge we should have to do something great in the industry and not just learn for the sake of marks. It will be helpful for the faculties and researchers working in the areas of ECE for Electronics vision and analysis applications. He explains the few topics listed below.

- ✓ From Wheel to Industry 4.0
- ✓ Smart Sensors leading to a Revolution
- ✓ Trends and Opportunities
- ✓ Industry 4.0 Formation
- ✓ Embedded, Cyber physical and IoT
- ✓ Evolution of wireless communications
- ✓ Importance of reducing power consumption
- ✓ Research Challenges and Job options



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