



Department of Electronics & Communication Engineering

REPORT ON TECHNICAL TALK

Title of the Event:

Technical Talk on “Revolutionizing Automation with Instrument Transformers for Industry: Real World Use Cases and Challenges”

Date and Time:

18th December 2025, 11:20 AM

Venue:

6th Floor UG Seminar Hall, RVITM

Resource Person:

Dr. Somala Arjuna Rao

Joint Director, STDS

Central Power Research Institute (CPRI), Bhopal, Madhya Pradesh, India

Target Audience:

UG Electrical Engineering Course – Students and Faculty Members

Objective of the Event:

The objective of the technical talk was to provide insights into real-world industrial applications of instrument transformers in automation systems and to bridge the gap between academic learning and industry practices.

Summary of the Event:

The Department of Electronics and Communication Engineering, RVITM, organized a technical talk on instrument transformers focusing on industrial automation. Dr. Somala Arjuna Rao explained fundamental concepts, real-world applications, and challenges in implementation. Case studies from power industries and CPRI projects enriched the session.

Outcome of the Event:

Participants gained practical knowledge of automation systems, industrial challenges, and career opportunities in power and research sectors.

Conclusion:

The technical talk was informative and successful, benefiting students and faculty by enhancing their understanding of industrial automation and instrumentation.

Event Coordinators:

Dr. Venu Gopal B T, Assistant Professor, Dept. of ECE

Dr. Nagesh M, Assistant Professor, Dept. of ECE

Dr. Kavitha N, Assistant Professor, Dept. of ECE

