



Activity Report

Date:31/03/2026

Name of Activity Organized by	Dept. Of Electronics & Communication (A.C.T)
Title of Activity	IoT Based System(Sensor and Actuator) under CoE(Automation and Robotics).
Speaker / Resource Person	Mr. Rutvik Ramdas Dorke, Trainer I Tech Bridge Services CSN
Date of Activity	28 March 2026
Place of Activity	Smart Class Room B-605 At 10.15 AM
No of Students	68 Students
Summary	<p>A Center of Excellence (COE) is a specialized unit within CSMSS CSCOE that focuses on achieving high standards in a particular field such as technology, research, innovation, or skill development. COEs aim to provide advanced training, promote research activities, and bridge the gap between academia and industry. They are equipped with modern tools, expert faculty, and industry collaboration to enhance students' practical knowledge and employability. The students have learned the importance of Connectivity and Protocols, AI and IoT Integration (AIoT), Industry Applications & Uses. In real time how to use them, how to do projects by using developing boards and sensor importance.</p>
Outcomes	<p>1..Projects:How to do projects based on IOT what all the considerations we have consider and Importance of developing Boards.</p> <p>2.Development of New Revenue Streams: Learning how to monetize IoT data and offer managed IoT services to customers.</p> <p>3. Practical Implementation Knowledge: Understanding the full IoT lifecycle from device deployment to cloud integration, often with theoretical part of hands-on examples of Arduino or cloud platform usage.</p> <p>4.Strategic Connectivity Selection: students gain a better understanding of how to balance power, cost, and speed when choosing IoT connectivity options to future-proof investments.</p>



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COE Dept. Coordinator

Dr.Syed Sumera Ali
HOD

Dr. G. B. Dongre
Principal