

## SRI RAMAKRISHNA POLYTECHNIC COLLEGE, COIMBATORE – 22

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### DEPARTMENT ACTIVITIES AND EVENTS

- The **Department of Electronics and Communication Engineering** organized a **Seminar** on “*Performance Optimization Techniques for Enhancing Hardware Capabilities*” on 16.09.2025. The session was delivered by Mr. Prasanth Kumar Dhanabalakrishnan, Head Director, Delectronics Private Limited, Coimbatore.
- The **Department of Electronics and Communication Engineering** conducted a **Trivia Event (General Quiz)** on 23.07.2025 to enhance students general knowledge and technical awareness.
- The **Department of Electronics and Communication Engineering** organized “**Quad Pic Quest**” on 26.08.2025 focusing on *Electronic Components* to strengthen students’ subject knowledge.
- The **Department of Electronics and Communication Engineering** conducted a **Talk Circle** on “*Impact and Use of AI – WhatsApp vs Instagram*” on 15.12.2025 to create awareness about Artificial Intelligence and social media influence.
- The **Department of Electronics and Communication Engineering** organized **PAPERCON** on 22.12.2025, where students presented papers on the following topics: Design of a Low-Power Microcontroller, FPGA-based Cryptographic Accelerators, IoT-based Environmental Monitoring System, Design of a High-Speed ADC, Real-Time Object Detection using Embedded Systems
- The **Department of Electronics and Communication Engineering** successfully conducted a **6-Week Short Term Course** on *Embedded System Development* to enhance practical and industry-oriented skills among students at Sri Ramakrishna Polytechnic College.

#### MoU

Department of Electronics and Communication Engineering entered into a Memorandum of Understanding (MoU) with Best Engineers Pumps Private Limited on Tuesday, 23 December 2025.

#### CoE

The Department of Electronics and Communication Engineering will soon establish a Centre of Excellence (CoE) in association with Best Engineers Pumps Private Limited.

#### NEW LAB INAUGURATION

The IoT Laboratory was inaugurated in this academic year by the Department of Electronics and Communication Engineering at Sri Ramakrishna Polytechnic College to provide practical training in IoT and Robotics.