ACADEMIC CLUB ACTTIVITY REPORT

1. Event Overview

- **Event Name**: DAA hour
- **Event Date**: 03.01.2026
- **Event Time**: 12:00 PM to 12:50 PM
- **Venue**: ECE Seminar Hall
- **Organized by**: All Club Incharges
- **Target Audience**: II-year B. Tech, ECE A, B & C section students
- **Number of Participants**: 145

2. Objective of the Event

The purpose of the session was to create awareness among the students on various club activities like VLSI, Communications and Networking, Embedded Systems & IoT, and Signal & Image Processing.

3. Event Schedule

Time	Activity	Speaker/Trainer/Coordinator
12:00-12:10 PM	VLSI	Mrs. V.V Nandini, Assistant Professor
12:10-12:20 PM	Communications and Networking	Mr A. Aravind, Assistant Professor
12:20-12:30 PM	Embedded Systems & IoT	Mr K. Rambabu, Assistant Professor
12:30-12:40 PM	Signal & Image Processing	Mr Abraham Thomas, Assistant Professor

4. Description of Sessions

Session: Keynote Speech

- **Topic: VLSI**
- Speaker: Mrs. V.V Nandini, Assistant Professor

Summary: VLSI is a core area of electronics that focuses on designing and integrating millions of transistors onto a single chip, forming the backbone of modern devices such as smartphones, computers, and AI processors. Studying VLSI helps students understand how hardware systems are designed at the chip level, combining concepts from digital electronics, semiconductor physics, and computer architecture. It also opens strong career opportunities in chip design, fabricateon, and semiconductor industries, making it a highly relevant and future-oriented field.

- **Topic: Communications & Networking**
- Speaker: Mr. A. Aravind, Assistant Professor

Summary: Communication and Networking is an essential subject for students as it explains how information is transmitted reliably over wired and wireless media. It covers key concepts such as modulation, data transmission, protocols, and network architectures that enable technologies like mobile communication, the internet, and satellite systems. From a student's perspective, this field builds strong analytical and problem-solving skills and provides a foundation for careers in telecommunications, networking, and emerging areas like 5G and cloud networking.

- **Topic: Embedded Systems & IoT**
- Speaker: Mr. K. Rambabu, Assistant Professor

Summary: Embedded Systems and IoT play a crucial role in connecting the digital and physical worlds, making them highly interesting for students. This field focuses on designing smart systems using microcontrollers, sensors, and software to perform specific tasks, such as in smart homes, healthcare devices, and industrial automation. Learning Embedded & IoT helps students gain hands-on experience with real-time systems, programming, and hardware–software integration, preparing them for innovation-driven careers in automation, robotics, and smart technologies.

- **Topic: Signal & Image Processing**
- Speaker: Mr. Abraham Thomas, Assistant Professor

Summary: Signal and Image Processing is an important area that deals with analysing, modifying, and interpreting signals and images for practical applications. From a student's point of view, it helps in understanding how audio, speech, medical images, and videos are processed to improve quality and extract useful information. This subject combines mathematics, algorithms, and programming, and it forms the foundation for advanced fields such as machine learning, computer vision, medical imaging, and multimedia systems, offering wide research and career prospects.

Council Convener

HOD