

Electronic Device and Circuits-II Lab

The Electronic Device and Circuits-I Lab in the Department of Electronics and Communication Engineering stands as a hub of innovation and exploration, offering a conducive environment for students and research scholars to excel in the field of electronics. It's well-equipped with electronic instruments that provide the necessary infrastructure for conducting research, implementing circuits, and building practical applications.

The lab serves as a platform for collaboration and mentorship with academicians, and industry professionals. Ph.D., M. Tech, and B. Tech Students have the opportunity to work closely with experienced researchers and faculty members, benefiting from their guidance and expertise. This exposure to real-world projects and research work in the field of electronics, analog circuits, communication, and digital design enhances students' critical thinking, problem-solving abilities, and overall academic growth.

The Electronic Device and Circuits-II Lab in the Department of Electronics and Communication Engineering provides hands-on experience and a practical understanding of electronic devices and circuits, fundamental building blocks in modern electronic systems. In addition, the purpose of this laboratory is to introduce the analysis and design of simple electronic circuits using commonly available electronic components such as resistors, capacitors, inductors, diodes, LEDs, transistors, crystals and oscillators, electromechanical components like relays and switches, ICs, breadboard, and connectors. This laboratory experiment aims to study various electronic components and the design of various electronic circuits. The experiments will lead the students through progressively more sophisticated concepts and techniques. The laboratory's mission is to provide an academic environment that will ensure high-quality education, training, and research by keeping the students best in the latest development in electronics.

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ELECTRONICS DEVICES & CIRCUITS-II LABORATORY

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