Electronic Circuit Analysis Laboratory

The **Electronic Circuit Analysis Laboratory** is an important laboratory for Electronics and Communication Engineering (ECE) students, providing practical knowledge of electronic circuit behavior and analysis techniques. The laboratory helps students understand the operation of passive and active electronic circuits through hands-on experiments. Students analyze DC and AC circuits, through experimentation, students develop skills in circuit design, testing, measurement, and troubleshooting. The laboratory strengthens their understanding of voltage, current, power, frequency response, and signal behavior in electronic circuits. It also enhances analytical thinking and problem-solving abilities essential for circuit design and system development.

The practical knowledge gained from this lab serves as a foundation for advanced ECE subjects such as analog electronics, communication systems, digital electronics, VLSI design, embedded systems, and signal processing. Overall, the Electronic Circuit Analysis Laboratory plays a vital role in developing the technical competence and practical skills required for a successful career in Electronics and Communication Engineering.

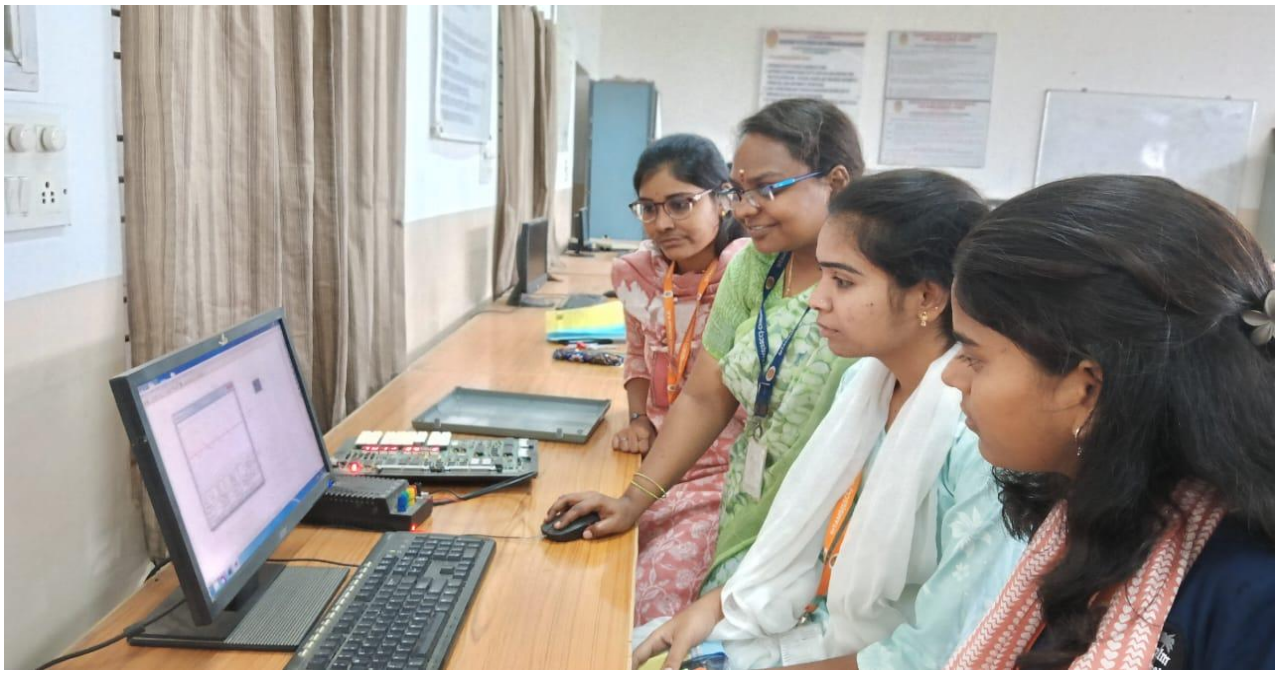


Figure -Electronic Circuit Analysis Laboratory