ELECTRICAL CIRCUITS LABORATORY

The Electrical Circuits Laboratory assists the students to impart with essential knowledge of electrical and electronic circuit design and analysis by providing hands on experience to design different electrical and electronic circuits on bread boards with different active and passive components. This Lab gives the practical learning and use of various instruments like Multimeter, Oscilloscopes, Function Generators, Wattmeters etc.. This lab also introduces MATLAB, a circuit simulation software tool. It enables the students to gain sufficient knowledge on the programming and simulation of DC and AC circuit analysis techniques, analyze complicated circuits using different network theorems, acquire skills of using MATLAB software for electrical circuit studies,.

Facilities:

- ➢ Regulated power supply (30 Nos)
- ➢ Cathode ray oscilloscope (20 Nos)
- ➢ Function Generators (15 Nos)
- ➢ MATLAB and LabVIEW Software

Photos: