

### Department Of Electronics And Communication Engineering

## ELECTRONICS LAB



They also gain knowledge using the simulation software, SPICE for the design of complicated amplifiers, Multivibrator, ADC /DAC, Differential amplifiers, Butter worth circuits etc. In Electronic Circuits Lab, the basic circuits for power supplies, regulators, amplifiers and oscillator are designed, constructed, tested and studied. DC regulated power supply can be used for all kinds of transistor instruments, electronic computers, automatic control systems and equipment.



Electronics Lab supports the students to gain basic knowledge about the electronic devices like diode, transistor and thyristor families. It comprises basic Electron Devices lab and Electronic Circuits Lab. In devices lab, all the device characteristics are studied. Students are exposed to the design of Amplifiers and Oscillators



The CRO is used to measure the voltage, current, frequency, etc. Voltmeters are used to find the voltage of a charge storing device, such as to test the voltage of a battery. Ammeters are used for low current measurement and they are available in various ranges like amperes, milli and microamperes. Function Generators are used to generate different types of electrical waveforms over a wide range of frequencies