



Analog & Digital Electronics Lab

This lab is used for foundation courses like Analog & Digital Electronics Lab, linear integrated circuits, electronic measurement, network synthesis, and filter design. It is equipped with various boards such as Texas Instruments, power supplies, function generators along with measuring instruments like CROs, DSOs, LCR meter.



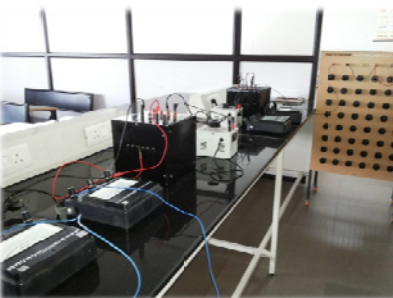
Computer Lab

This lab is used to teach software programming skills and to undertake assignments on various software tools. Laboratories have computers with latest configurations, printers and are fully connected. Operating Systems: Windows, Linux Software: C, C++, C#, MATLAB, R-Programming



Electrical Machines Lab

Electrical Machine lab is designed to carry out experiments on various types of electrical machines used in practical applications. It is equipped with AC and DC machine setups such as DC shunt motor, DC series motor, induction motor and Slip ring motor. The students can perform various tests on these machines and are able to measure efficiency, torque, speed and losses.



Electrical Measurement & Instrumentation Lab

Electrical Measurement & Instrumentation Lab has excellent facilities that include various hardware set ups for measurements of various electrical parameters. Major equipment and trainers include flow measurement, torque measurement, earth tester, Schering bridge, Wheatstone bridge, Anderson bridge, Kelvins double bridge, LVDT trainer, energy meters, LCR meters.



Power Electronics Lab

Power Electronics Lab having practical setup like Experiments are related to most of the power conversions such as AC to DC, DC to DC, DC to AC and AC to AC conversion along with equipment such as Power Oscilloscopes, DSOs.



High Voltage Engineering Lab

High Voltage Engineering Lab is a renowned independent facility for testing and certifying medium and high voltage components used in electrical infrastructure. Our Laboratories can test cables, cable accessories, insulators, power transformers, instrument transformers



Power System Lab

This lab has hardware and software modules such as transmission line simulators, synchronous machine, and prototypes of Transmission line. These are used to demonstrate various concepts and characteristics of generation, transmission and distribution in electrical power system along with its performance analysis, load flow analysis, symmetrical/unsymmetrical fault analysis, stability analysis, etc.



Power Quality Lab

This lab includes the Power analyser of *Fluke Series II* which is best in power industry worldwide for power quality analysis which have wide range of applications in power analyses



Power Electronic Controlled Drives

This lab includes the Power electronics drive and control equipment and tools which have wide range of applications, such as, automations for speed control, industrial drives, domestic appliances, etc. Major of them are all types of motor control like stepper motors, DC motor etc.



Control Systems

The lab is equipped with variety of set ups such as stepper motor controller, close loop control of AC servo motor, process control simulator, PID controller, DC position control system, etc. along with software tools such as Matlab, PSIM and other open source tools.