



Name of Laboratory	ELECTRONIC MEASUREMENT AND INSTRUMENTATION LAB
Objective of Lab	<ul style="list-style-type: none"> • Measurement of physical parameters such as temperatures, displacement, force etc. • Interfacing of sensors with signal conditioning circuits • Understanding different applications of transducers in industrial automation.
Description of Laboratory	EMI lab helps student to learn and understand basic instrumentation equipment's and processes to operate modern test and measurement systems. Students learn to measure as well as develop the skill to calibrate the sensor/Transducers. This lab mainly deals with different kind of transducers which used for industrial applications.
Major Equipment of laboratory	<ul style="list-style-type: none"> • Duct air flow monitoring & control system • LVDT (Displacement measurement trainer kit) • LDR, Photodiode and phototransistor Trainer kit • Strain Measurement Trainer • Measurement of angular velocity Kit