Lab Equipments **(Electrical & Electronics Engineering)**	
Labs	**Equipments**
Electrical Circuit Lab	Kirchoff's law, superposition theorem, thevenin's theorem, Norton's theorem, Miller's Theorem,
Electrical Machine-I Lab	DC- Shunt Series, Compound generator motors, testing of motors, Meters, CRO, PC, Printer
Measurement Lab	Maxwell Bridge, Anderson Bridge, Wheatstone Bridge, Balance Detector, Meters
Electronics & Instrumentation Lab	RTD, LVDT, Strain gauge, thermistor, thermocouple, function generator, CRO DSO
Analog Electronics Lab	CRO Multimeter, transistors, function generators, analog and digital power supply, op-amps, oscillators, rectifiers, amplifiers, zener diodes, Mosfet, UJT
Electric Machine-II Lab	Three phase induction motor, Synchronous motor generator, universal motor, 1-phase induction motor, hybrid, variable reluctance stepper motor,
Digital Electronics	Logic Gates, Registers, Counters, Multiplexers, Demultiplexers, Adder-Subtractor, flip flops, TTL, CMOS gates, CRO, DSO, digital multimeters, PCs, printers
CAD Lab	Pspice, PCB design, TinaPro, Electronics Workbench, Altium,
Drives Lab	PMBLDC, 4-Quadrant DC Drive, VVVF Induction Motor Drive,
Matlab Programming	Matlab version 7
Power System Analysis Design Lab	Varactor, Transmission line model, Digital analyzer,
PCB Design Lab	ExpressPCBDesigner, EagleLayoutEditor, PCBCutting Drilling machine, soldering iron, etching soln
Instrumentation Lab	Pattern generator, logic analyzer, Pneumatic & Hydraulic Trainer,
Control System Lab	Rotary Control, dc position control, temp controller, PID control, water level control, synchro transmitter, receiver, proxy sensor switch module, BCD code generation, Robotic Arm,
Power System Protection & Switchgear Lab	Relays, Circuit Breakers, Switch, Isolators, Megger, Earth Resistance Testing Meters, CRO, PC
Digital Signal Processing DSP Lab	PC, DSK, Matlab 7, Psim, Multisim, Proteus
Power Electronics Lab	DSO, SCR, MOSFET, IGBT, UJT Power Transistor, Triggering circuits, Controlled rectifiers, inverters, choppers, cycloconverter model, ac voltage controller, phase control, angle control
Microprocessor μp-Lab (8086)	8085, 8086, z-80, 8255, 8253, 8051, PIC microcontroller CRO DSO, Interfacing