

Lab Names , Major equipment available , Facilities available in each lab

Sr No	Name of Lab	Major Equipment	Facilities
1	High Voltage Engineering	Motorized oil test kit-60kv Horn Gap Arrester Electrostatic tank Variable High voltage source 20-100kv	Safety shield for lab practical demonstration, earthing, benches and blackboard
2	Basic Electrical Engineering	R-L-C performance kit R-C performance kit General purpose trainer kit for different network model Lamp load 3-Phase capacitor bank	Benches and White board Electrical parts and circuits for demonstration.
3	Electrical circuit analysis lab	Rheostat load-5kw Circuit theorems testing kits	Tables, stools, blackboard
4	Power system protection	Fuse characteristic kit Over current relay characteristic setup Under voltage protection setup Over voltage protection testing kit Radial feeder protection setup	Tables, stools, blackboard, Benches,
5	Testing and Commissioning of Electrical Equipments	Earth resistance and resistivity kit Transformer testing kit Motor and generator testing setup	White board, stools, chairs
6	Interconnected Power System	Matlab	White board, computers, stools, chairs
7	Power Electronics	SCR, UJT, MOSFET, CHOPPER, 1-phase series inverter, power electronics characteristic trainer, Analog CRO, Digital oscilloscope, Rectifier setup	White board, computers, stools, chairs
8	Electrical Machine	DC shunt Motor, motor generator set, Transformer Test kit, Control panel for 3 phase alternator for various test, 3-phase synchronous motor test setup, Various 3-phase and single phase loads,	White board, stools, chairs
9	Electric power Generation	Projects for renewable energy source demonstration, Working and demo	White board, computers, stools, chairs