

EEE DEPARTMENT

Equipment List / Details:

Electronics Lab

Sl.No	Name of the Equipment
1.	LCR Meter
2.	Ammeter (Analog)
3.	Function Generator
4.	Function Generator With RPS
5.	Regulated Power Supply
6.	Digital Storage Oscilloscope
7.	8051 Micro Controller Boards with interface cards
8.	8085 Micro Processor Boards with interface cards
9.	FPGA Board
10.	Single Phase 500VA Isolation Transformer
11.	Single Phase Auto Transformer 6A/230V
12.	Digital Multimeter

Power Electronics UG

Sl.No	Name of the Equipment
1.	Digital Regulator Power Supply
2.	Programmable DC Power Supply
3.	Mixed Signal Oscilloscope
4.	Digital Storage Oscilloscope (4 CH)
5.	Digital Storage Oscilloscope (2 CH)
6.	Current Probes
7.	Rheostats
8.	Digital Multimeter
9.	3 MHz Function Generator
10.	Function Generator with RPS
11.	Isolation Transformer
12.	Clamp Meter
13.	Single Phase AC Induction Motor
14.	DC Shunt Motor
15.	Soldering Station
16.	Buck Boost Converter
17.	Three phase Voltage Controller
18.	3 Phase Fully Controlled Converter
19.	3 Phase IGBT Based PWM Inverter
20.	Tachometer (non-contact)
21.	1 Phase SCR Half controlled Converter
22.	AC Voltmeter
23.	DC Voltmeter

Power Electronics PG

Sl.No	Name of the Equipment
1.	Mixed Storage Oscilloscope 150MHz
2.	Digital Storage Oscilloscope
3.	DC Power Supply (0-15V)
4.	LCR Meter
5.	Micro Controller Kit
6.	Digital Multimeter
7.	Soldering Station
8.	Solderless Breadboard
9.	BLDC Motor
10.	PMSM Motor Setup
11.	DC-DC Converter
12.	AC-DC Converter
13.	DC-AC Converter

Machine Lab

Sl.No	Name of the Equipment
1.	Load Box
2.	Multimeter
3.	Watt Meter
4.	AC Voltmeter (Analog)
5.	AC Ammeter (Analog)
6.	DC Voltmeter (Analog)
7.	DC Ammeter (Analog)
8.	Digital AC Voltmeter
9.	Digital AC Ammeter
10.	Digital DC Voltmeter
11.	Digital DC Ammeter
12.	Single Phase Power Quality Analyzer
13.	BLDC Motor with experimental Setup
14.	DC Compound Motors
15.	Separately Excited DC Motors
16.	DC Machine Coupled with Three Phase Induction Machine
17.	DC Series Motor with Loading Arrangement
18.	DC Motor Coupled with Dc Series Motor
19.	3kW DC Compound Machine Coupled With 3 Phase synchronous machine
20.	DC Shunt Motor with Mechanical Load
21.	DC Series Motor with Mechanical Load
22.	DC Machine Coupled with Dc Machine
23.	3 Phase Squirrel cage Induction Motor
24.	3 Phase Slip Ring Induction Motor
25.	3 Phase salient Pole Synchronous Machine

	with Mechanical Load
26.	Single Phase Induction Motor 2HP
27.	3 Phase Induction machine coupled DC Machine
28.	Wave Controller Box
29.	Single Phase Auto Transformer
30.	Three Phase Auto Transformer
31.	Rheostats
32.	3 Phase Rectifier Unit
33.	Single Phase Induction Motor

Computer Lab

Sl. No	Name of the Equipment
1.	Desktop Computer (All in One Desktop)
2.	Workstation
3.	Laptop

Power System Lab

Sl. No	Name of the Equipment
1.	Relay Test Kit
2.	Computer with UPS
3.	Phasor Measurement Unit
4.	Digital Storage Oscilloscope (4 CH)
5.	6000 Count True RMS Digital Multimeter
6.	Different Types of Electro-Magnetic and Numerical Relays
7.	Micro Computer 8085 Adaptive Power Factor Controller
8.	Micro Computer 8085 Based Static VARCompensator
9.	Micro Computer Based Numerical Over-Current Relay
10.	Short Transmission Line Unit
11.	HVDC Transmission Line Simulator with Bi-Polar Connection
12.	Thyristor Controlled Series Compensator
13.	Power Factor Controller
14.	DC Network Analyzer
15.	Measurements of Generalized ABCD of Constants for Ferranti Effect