

### Department of Electrical and Electronics & Engineering - Laboratory Details

SLNO.	Lab Names & Size in Sq. Mtrs	MAJOR EQUIPMENTS with DETAILS
1	Application Software Lab, 91 Sq. Mtrs Room No :	<b>Total No. of Systems: 24, Make:</b> HCL & Wipro, <b>Configuration:</b> Intel Core2Duo 3.0 GHz Processor, 2GB DDR-3 RAM, 320 GB HDD, DVD Writer, 18.5 TFT Monitor. 01 Epson Dot Matrix Printer, 01 UPS of 15KVA With 45Min Back up.
1	Control systems laboratory & Measurement lab, 68 Sq.Mtrs Room No: 21111	<b>Equipments:</b> 02 Time response second order unit , 02 Lead lag unit, 02 PID unit, 02 AC Servomotor, 02 DC Servomotor, 02 Frequency Response second order unit, 02 Synchro transmitter & receiver pair, 08 CRO 30Mhz Make: Scientech Bangaluru, 02 Regulated DC power supply, 02 Function generator, 02 Multimeter , 05 DRB, 05 DCB, 05 DIB, 01 Online EMERSON UPS of 3KVA with 8 Batteries.
2	Micro Controllers & power system Circuit Simulation laboratory Lab 68 Sq.Mtrs Room No: 21106	<b>Total No. of Systems: 20, Make:</b> HCL ,Wipro & Gigabyte, <b>Configuration:</b> Intel Core2Duo 3.0 GHz Processor, 2GB DDR-3 RAM, 320 GB HDD, DVD Writer, 18.5 TFT Monitor. 01 Canon Dot Matrix Printer, Mi Power Software (Worth Rs.4 Lack)
3	Electrical Machine Lab 173 Sq.Mtrs Room No: 21001	<b>Equipments:</b> 04 Transformers of 0.5 KVA rated and 06 Transformers of 1 KVA rated , 01 single phase IM, 01 Three Phase IM , 01 Slipring IM , 01 Drilling machine , 01 blower, DC Motors, DC Generators, 01 Series Motor, 03 Alternators, AC & DC Meters 01 Synchronous motor. Make: ELPOWER Bangaluru
4	Relay and High voltage lab 86.5 Sq.Mtrs Room No: 21107	<b>Equipments:</b> 01 Over current relay, 01 Electromechanical OC relay, 01 Fuse characteristics, 01 MC Based OV Relay, 01 MC Based OC Relay, 01 Feeder protection scheme simulator, 01 Motor protection Jig, 01 Field mapping unit, Make: ELPOWER Bangaluru

5	Relay and High voltage lab Sq.Mtrs Room No: 21109	<b>Equipments:</b> 50 KV AC/72 KV DC 50mA HV Generator, Make: ELPOWER Bangaluru
5	Electronics laboratory 68Sq.Mtrs Room No: 21113	<b>Equipments:</b> 12 CRO's, 12 Signal generator, 12 Fixed power supply, 12 Dual power supply, 12 Decade resistance box, 12 DIB,12 DCB, 10 AC/DC voltmeter, 10 DC/AC ammeter, Make : Accura Tequipments Bangaluru . 12 programming kits, 01 IC Tester , Make: Uday Electronics Bangaluru 01 Infinity UPS of 10KVA 16 batteries unit.
6	Opamp & Linear IC's Lab 68 Sq.Mtrs Room No: 21104	<b>Equipments:</b> 12 CRO's, 12 Signal generator, 12 Fixed power supply, 12 Dual power supply Make : Accura Tequipments Bangaluru
7	CAED Lab 68 Sq.Mtrs Room No: 21105	<b>Total No. of Systems: 14, Make:</b> HCL ,Wipro& Gigabite, <b>Configuration:</b> Intel Core2Duo 3.0 GHz Processor, 2GB DDR-3 RAM, 320 GB HDD, DVD Writer, 18.5 TFT Monitor. 01 Canon Dot Matrix Printer, Mi Power Software (Worth Rs.4 Lack)