

K S SCHOOL OF ENGINEERING AND MANAGEMENT
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
MAJOR EQUIPMENTS IN ALL LABORATORIES

Sl.No	Name of Laboratory	Carpet Area (Sq.mt)	Major Equipments
1	<u>RELAY & HIGH VOLTAGE LABORATORY</u>	150	100 Kv Ac/140 Kv Dc Test Set Non Direction Over Current Relay Test Unit Directional Over Current Relay Test Unit Fuse Charecteristics Study Unit Over Voltage / Under Voltage Relay Test Unit Differential Protection Ralay Testing Unit Distance Protection Relay Testing Unit Motor Protection Relay Testing Unit Generator Protection Testing Unit Breakdown Strength Of Transformer Oil
			Three Phase/Single Phase Auto Transformers Single Phase Transformers

2	<u>DCSM/TIM LABORATORY</u>	260	Slip Ring Induction Motor – D C Generator Set 3 Phase Induction Motor - D C Generator Set 3 Phase Induction Motor Single Phase Induction Transformers Load Banks Measuring Instruments: Ammeters, Wattmeters, Voltmeters, And Tachometers.
3	<u>MCSM LABORATORY</u>	150	Phase Shifting Transformer Kelvin Double Bridge Energy Meter Current Transformers Digital Storage Oscilloscope Function Generators Voltage Regulated Power Supply Computers
			Rc Lead – Lag Compensating Network

4	<p style="text-align: center;"><u>CONTROL SYSTEMS</u> <u>LABORATORY</u></p>	100	<p>A C Servomotor D C Servomotor Pid Controller Second Order System Synchro Pair Study Unit Digital Store Oscilloscopes Function Generators</p>
5	<p style="text-align: center;"><u>POWER ELECTRONICS</u> <u>LABORATORY</u></p>	100	<p>Voltage Regulated Power Supply Digital Store Oscilloscopes Single phase Induction motors Single phase Universal motors Soldering Stations Digital multimeters Tachometers</p>
6	<p style="text-align: center;"><u>LOGIC</u> <u>DESIGN/MICROCONTROLLER</u> <u>LABORATORY</u></p>	110	<p>Ld Trainer Kit Digital Storage Oscilloscope Multimeter</p>

7	<u>CAED/PSS LABORATORY</u>	140	Computers Mi – Power Software
8	<u>BASIC ELECTRICAL ENGINEERING LABORATORY</u>	150	3 phase Load Banks Single phase Inductive loads Single phase capacitive loads Autotransformers UPF wattmeters LPF wattmeters Analog measuring meters Digital multimeter


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