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| **LAB LOCATION DEPARTMENT WISE** | | | | | |
| **S.NO** | **Lab No./ Lab Name** | | **Location** | **Lab Equipment and**  **Configuration with Quantity** | **Department** |
| 26 | ELECTRICAL MACHINE LAB | | Back Block Ground Floor | DIGITAL TECHOMETER (0-9999 RPM) - 4 No.  ANALOG TECHOMETER (0-9999 RPM) - 1 No.  SINGLE PHASE TRANSFORMER (2KVA, 230/230V, 50%, 86.6%, 100% TAPPING) - 3 No.  DC COMPOUND MOTOR (1HP, 4A, 220V, 1250RPM) - 2 No.  DC COMPOUND MOTOR (1KW, 4A, 220V, 1500RPM) - 1 No.  DC MOTOR+ALTERNATOR + EXCITOR SET - 1 No.  DC MOTOR + GENERATOR SET (1KW, 4A, 220V, 1500RPM) - 1 No.  LOADING RHEOSTAT (2.5 KW, 220V. 10AMP) - 1 No.  DC SERIES MOTOR (1HP, 1500 RPM) - 1 No.  DC POWER SUPPLY UNIT (INPUT:- 3PHASE, OUTPUT:- 240V, 50A DC) - 1 No.  INDUCTIVE LOAD (3 PHASE, 415V, 10A) - 1 No.  SQUIRREL CAGE INDUCTION MOTOR (5HP, 3PHASE, 415V 1440RPM, 50 HZ) WITH STAR DELTA STARTER - 1 No.  "V CURVE SET  SYNCHRONOUS MOTOR:- 3 PHASE, 4.3A, 1500RPM, 415V, 50HZ, DC SHUNT GENERATOR:- 1.5KW, 6.5A, 1500RPM, 230V, EXCITOR:- 230V DC GENERATOR. - 1 No."  "MOTOR+GENERATOR SET (SET OF 2) FOR PARALLEL OPERATION OF ALTERNATORS  DC SHUNT MOTOR:- 3HP, 230V, 1500RPM, ALTERNATORS:- 3 PHASE, 4WIRE, 2KVA, 1500RPM, 415V, 50HZ, WITH ONE PANEL - 2 No."  AC AMMETER 0-5/10A - 8 No.  AC AMMETER 0-2.5/5A - 11 No.  DC AMMETER 0-2.5/5A - 10 No.  DC AMMETER 0-10/20A - 3 No.  AC VOLTMETER (150/300/600 V) - 12 No.  UPF WATTMETER (0-400W, 2.5/5A, 150/300/600V) - 10 No.  UPF WATTMETER (0-750W, 5/10A, 150/300/600V) - 4 No.  UPF WATTMETER (0-75W, 2.5/5A, 150/300/600V) - 5 No.  THREE PHASE DIMMERSTAT (15A 0-470V) - 4 No.  SINGLE PHASE DIMMER 10A - 9 No.  SLIP RING INDUCTION MOTOR - 2 No.  DC SHUNT MOTOR (3HP) + DC SHUNT GENERATOR (2KW) - 1 No.  INDUCTION MOTOR (3HP) - 2 No.  DC COMPOUND MOTOR (2.2KW) - 2 No.  DC COMPOUND MOTOR (2.2KW, 230V, 1500RPM) + ALTERNATOR SET (2KVA, 3 PHASE, 415V) - 1 No.  THREE PHASE TRANSFORMER (3KVA, 400/400V) - 1 No.  RHEOSTAT - 5 No.  DSO 50MHZ (2 CHANNEL) - 1 No.  SINGLE PHASE TRANSFORMER (2KVA, 440/220V, 4.5/9A) - 4 No.  SINGLE PHASE TRANSFORMER (1KVA, 230/230V, 4.3/4.3A) - 2 No.  DC MOTOR STARTER (4 POINT) - 1 No.  DIGITAL MULTIMETER - 5 No.  AC VOLTMETER (0-150/300V) - 4 No.  DC AMMETER (0-5/10A) - 2 No.  SINGLE PHASE DIMMER (15A) - 1 No.  SINGLE PHASE TRANSFORMER (1KVA) - 4 No.  "COMPUTER  HP-15(280GBMT) HDD 500GB, RAM-8GB, HP LED MONITOR - 3 No."  BRUSHLESS DC MOTOR TRAINER - 1 No.  TRANSFORMER TRAINER INCLUDING 1. SINGLE PHASE TRANSFORMER - 02 NOS. 2. THREE PHASE TRANSFORMER - 01 NO. 3. THREE PHASE VARIAC - 01 NO. 4. PANEL - 01 NO - 1 No.  VVVF TRAINER - 1 No.  DC PORTABLE VOLTMETER - 4 No.  POWER SCOPE - 1 No.  DC COMPOUND MOTOR - 1 No.  DIGITAL CLAMP METER - 1 No.  RHESTAT 1200 Ohm, 1.2Amp - 1 No.  RHESTAT 600 Ohm, 1.4Amp - 1 No.  XPO EMT /3 SLIM WITH 4\*2FLAT DEMO PENEL - 1 No.  AMP METER (0 - 1/2 A) - 1 No. | ELECTRICAL AND ELECTRONICS ENGINEERING |
| 27 | ELECTRICAL WORKSHOP-2 | | Back Block Ground Floor | Series Parallel Kit - 1 No.  Stair Case Demo Kit - 1 No.  Fluoroscent Tube Demo Kit - 1 No.  Distribution Board - 1 No.  Rectifier Kit (HW & FW) - 1 No.  Earth Tester - 1 No.  Charts - 3 No.  House/ Commercial wiring Installation Trainer including prtable drill machine - 1 No.  8" Plier - 1 No.  Pie Kit (Screw Driver) - 1 No.  Pie Wire Stripper & Cutter - 1 No. |
| 28 | M.TECH MICROPROCESSOR LAB | | Administrative Block Ground Floor | Microprocessor Trainer Kit (8085 AD LCD) - 5 No.  Microprocessor Trainer Kit (8086 AD LCD) - 15 No.  Power Supply for 8086 Microprocessor Kit - 10 No.  Expension Board - 3 No.  Stepper Motor Controller - 2 No.  DSP Starter Kit (TMS320C6713) - 3 No.  8086 Microprocessor Training Kit (ET8086-AD-LCD-PS) - 10 No.  8051 Microcontroller Trainer Kit (ET-89C51RD2) - 2 No.  Microcontroller Trainer Kit (PIC 16F877) - 2 No.  Digital Storage Oscilloscope (1052B) - 2 No.  89C51RD2 Embedded Trainer Kit - 1 No.  8086 Microprocessor Training kit with SMPS - 1 No.  Temperature Controller with Mini Oven - 1 No.  TMS320C6748 DSP Development Kit - 3 No.  CCD Camera with Lense & Power Adopter - 2 No.  8257 DMA Study Card - 5 No.  8251 (USART) Study Card - 5 No.  Traffic Light Controller Module - 5 No.  Raspberry Pi 3 Module B+ - 5 No.  Aurdino Uno R3 Development Board - 5 No.  Finger Print Sensor Module - 2 No.  RFID Reader Module - 2 No.  Sound Sensors - 2 No.  Air quality control Gas Sensor - 2 No.  Soil Moisture Sensor Module - 2 No.  Microflow Sensor - 2 No.  Head Phone - 3 No.  Micro SD card Reader/ OTG Card Reader - 1 No.  Remote Control Pointer Clicker - 1 No.  Advance Microprocessor Traininbg Kit based on 8085 with LCD Display - 3 No.  Universal Programmer - 1 No.  Oshonsoft Simulator for 8085 Microprocessor Kit - 1 No. |
| 29 | POWER SYSTEM LAB | | Administrative Block Ground Floor | IDMT Over Current Relay - 1 No.  Static Inverse Time Over Current Relay - 1 No.  Voltage Polarised Single Pole Directional Relay - 1 No.  Single Pole Directional IDMT Earth/Fault Relay - 1 No.  Single Pole Instantaneous Over Current Relay - 1 No.  Single Phase Directional Relay - 1 No.  MICOM Software Relay - 1 No.  Transfrmer Oil Testing Set (0-60 KV) - 1 No.  Loading Rheostat (3 KW,220V,10 A) - 1 No.  Rheostat(500Ohm,1.2Amp) - 1 No.  Varic (15 Amp,270 Volt) - 6 No.  AC Ammeter (0-2.5/5 A) - 1 No.  DC Ammeter (0-2.5/5 A) - 1 No.  AC Ammeter (0-5/10 A) - 3 No.  AC/DC Ammeter (0-5/10 A) - 2 No.  Digital Timer - 2 No.  Power Scope (CRO) - 2 No.  Phase Shifting Trasformer (500 VA , 415V) - 2 No.  Clamp on Multimeter - 1 No.  AC Ammeter(0-1/2 A) - 4 No.  Desktop (Computer) - 5 No.  Cable Fault Locator - 1 No.  Numerical Based IDMT over current Realy - 1 No.  Distance Protection Relay - 1 No. |
| 30 | CONTROL SYSTEM LAB | | Administrative Block Ground Floor | A C Servomotor Speed Torque (ACS-01) - 2 No.  A C Servo Volatge Stabilizer - 1 No.  Compensation Design Kit (CD-02) - 1 No.  DC Position Control Kit (DCP-01, SCL 106) - 3 No.  DC Speed Control Kit (DCS-01, SCL 107) - 3 No.  Digital Control System Kit - 1 No.  Linear System Simulator Kit - 3 No.  PID Controller Kit - 1 No.  Stepper Motor Study - 2 No.  Synchro Transmitter & Reciever SD-01 - 2 No.  Temperature Controller System - 2 No.  C R O (20MHZ,25MHZ,30MHZ) - 4 No.  D S O 1052B (50MHZ) - 2 No.  INVERTED PENDULUM TRAINER ((XPO-PID) - 1 No.  Fuzzy Logic Trainer (XPO-FUZZY) - 1 No.  Industrial PLC Trainer (XPO-PLC) - 1 No.  hp Desktop Computer (I3 10GB RAM) - 12 No.  Printer HP 1020 - 1 No.  Potential Error Dector by Angular - 1 No.  Actuators Stepper Motor - 1 No. |
| 31 | ELECTRICAL & ELCTRONICS CAD LAB | | Administrative Block Ground Floor | HP Desktop Computer (I5 10GB RAM) - 30 No.  DIGSILENT POWER FACTORY - 25 Users  P S CADX4(V4 6.3) - 10 Users  ORCADE UNIVERSITY PSPICE SOFTWARE - 20 Users  MATLAB 2021b - 10 User |
| 32 | ELECTRICAL DESIGN AND FABRICATION LAB | | Administrative Block Ground Floor | HP Desktop Computer (I5 10GB RAM) - 30 No.  DIGSILENT POWER FACTORY - 25 Users  P S CADX4(V4 6.3) - 10 Users  ORCADE UNIVERSITY PSPICE SOFTWARE - 20 Users  MATLAB 2021b - 10 User |
| 33 | ELECTRICAL ENGG. LAB | | Administrative Block Ground Floor | Analog Techometer 0-10000 RPM - 1 No.  Wattmeter (UPF) 2.5/5A,150/300/600V, 0-400W - 1 No.  Wattmeter (UPF) 5/10A ,50/100V, 0-50W - 1 No.  Wattmeter (UPF) 2.5/5A, 150/300V , 0-75W - 2 No.  Wattmeter (LPF) 2.5/5A,150/300/600V,,Cos = 0.2, 0-75W - 2 No.  Wattmeter (LPF) 1/2A, 150/300/600V,Cos =0.2 0-30W - 1 No.  Wattmeter (UPF) 5/10A ,50/100V, 0-700W - 2 No.  Wattmeter (UPF) 1/2A ,50/100V, 0-150W - 1 No.  Wattmeter (UPF) 2.5/5A,150/300/600V, 0-400W - 2 No.  Wattmeter (LPF) 1/2A ,75/150/300V, 0-15W - 4 No.  Wattmeter (LPF) 2.5/5A ,75/150/300V, 0-75W - 2 No.  Wattmeter (LPF) 2.5/5A ,75/150/300V, 0-30W - 2 No.  Wattmeter (UPF) 5/10A ,50/100V, 0-750W - 1 No.  Wattmeter (LPF) 2.5/5A ,75/150/300V, 0-175W - 2 No.  AC Volt Meter (150/300/600V) - 2 No.  AC /DC Volt Meter (150/300/600V) - 4 No.  AC /DC Volt Meter (150/300/600V) - 2 No.  AC /DC Wave Shoping Ckt.(P2) - 1 No.  AC /DC Am Meter 5/10A - 1 No.  AC Ammetr (0-10/20A) - 3 No.  AC Ammetr (0-5/10A) - 1 No.  AC Ammetr (0-2.5/5A) - 1 No.  AC Ammetr (0-2A) - 1 No.  AC Ammetr (0-1/2A) - 1 No.  DC Ammeter (0-25/50mA) - 2 No.  DC Mili Ammeter (0-25/50mA) - 1 No.  DC Ammeter (0-5A) - 1 No.  DC Ammeter (0-10A) - 2 No.  DC Ammeter (0-15A) - 1 No.  DC Ammeter (0-5/10A) - 2 No.  DC Ammeter (0-10/20A) - 3 No.  Digital DC Mil iAmmeter(0-20mA) - 1 No.  Digital DC Mil iAmmeter(0-50mA) - 1 No.  DC Pawer Supply - 1 No.  DC Multiple Pawer Supply - 2 No.  DC Volt meter ( 0-25/50V) - 2 No.  DSO - 2 No.  Digital Techometer ( 0-9999RPM) - 1 No.  Digital Multimeter - 2 No.  Single Phase Variac 0-270V,240V,8A - 2 No.  Single Phase Variac 0-270V,240V,4A - 4 No.  Three Phase Variac 0-470V, 8A - 2 No.  CRO - 2 No.  Frequincy Meter - 1 No.  Function Generator 1MHz. - 1 No.  Function Generator 1MHz. - 1 No.  Rectifier 440V, 3PH. AC ,output-250V DC,30A,7.5KW - 1 No.  Three Phase Induction Motor - 1 No.  Motor-Genrator Set - 1 No.  Single Phase Motor 400W - 1 No.  LCR Circuit trainer - 1 No.  Pawer Fector meter (0-150/300/600V) - 1 No.  P1 Panal -(Stand line) or B-H loop kit - 1 No.  Single Phase transformer 2KVA - 1 No.  Theorem kit(Thevenin, Norton, Millman, Max. T.) - 1 No.  Theorem kit(Thevenin, Norton, Millman, Max. T.) - 2 No.  Single Phase Energy meter - 1 No.  Digital DC Mil iAmmeter(0-100mA) - 4 No.  Digital Wattmeter - 4 No.  Capacitor Bank - 1 No.  Over line Cable 11KV,33KV - 2 No.  Pin type Insulator 11KVA - 1 No.  Suspensition type Insulator 11KVA - 1 No.  Strain type Insulator 11KVA - 1 No.  Digital Voltmeter (0-600V) - 5 No.  Digital Voltmeter (0-150/300/600V) - 4 No.  Digital Ammeter (0-10Amp.) - 5 No.  P1 Panal -(Stand line) or B-H loop kit - 2 No.  LCR Circuit trainer - 2 No.  LCR Circuit trainer - 2 No. |
| 34 | ELECTRICAL INSTRUMENTATION LAB | | Administrative Block Second Floor | LVDT Trainer Kit. - 1 No.  Torque Trainer Kit. - 1 No.  Pressure Trainer Kit - 3 No.  Thermal Trainer Kit - 1 No.  Linear Displacement Trainer Kit - 1 No.  Strain Gauge Trainer Kit - 2 No.  DMM Trainer Kit - 1 No.  ADC Interface Kit (ADC-0809) - 1 No.  Dual DAC Interface Kit (DAC-0800) - 1 No.  Strain Measurement Tutor Kit - 1 No.  ADC Two Method 8 Bit Kit - 1 No.  DAC Two Method 8 Bit Kit - 1 No.  Potentionmeter Displacement Kit - 1 No.  Tempture Transducer Trainer Kit - 1 No.  Acquisition Data of RTD System - 1 No.  Proximity Sensor Kit - 1 No.  ECG/EMG Study Expt Panel - 1 No.  Ultrasonic Transducer Trainer Kit - 1 No.  Measurement of Water Level Trainer - 1 No.  Light Sensing Transducers - 1 No.  Vibration Sensor & Air Flow Sensor - 1 No.  RTD Thermocouple of Thermister Kit - 1 No. |
| 35 | ELECTRICAL WORKSHOP I | | Administrative Block Ground Floor | Series Parallel Kit - 1 No.  Stair Case Demo Kit - 1 No.  Fluoroscent Tube Demo Kit - 1 No.  Distribution Board - 1 No.  Rectifier Kit (HW & FW) - 1 No.  Earth Tester - 1 No.  Charts - 3 No.  House/ Commercial wiring Installation Trainer including prtable drill machine - 1 No.  8" Plier - 1 No.  Pie Kit (Screw Driver) - 1 No.  Pie Wire Stripper & Cutter - 1 No. |
| 36 | EMMI LAB | | Administrative Block Second Floor | Shering Bridge - 3 No.  Wein's Bridge - 3 No.  Andreson Bridge - 3 No.  Kelwin Bridge - 2 No.  Megger - 1 No.  Maxwell Bridge - 4 No.  Earth Tester - 1 No.  Hay's Bridge - 4 No.  Owen's Bridge - 2 No.  DC Source - 1 No.  Spot Galvanometer - 1 No.  Function Generator (1MHz) - 3 No.  Power Supply - 2 No.  DC Voltmeter (0-150-300 V) - 1 No.  AC Voltmeter (0-150-300-600 V) - 1 No.  Wattmeter (400 W , 2.5/5 A) - 1 No.  AC Ameter (0-5/10 A) - 2 No.  Oscillator (1KHz) - 2 No.  Semi Conductor Voltmeter Kit - 1 No.  Radio Reciever Characterstics Set - 1 No.  DSO (Tektronix) - 1 No.  Decade Resistance Box - 2 No.  LCR Meter - 3 No.  Desauty Bridge - 1 No.  Electrical Parameter Measurement Panel - 1 No.  Encoder Expt Panel - 1 No.  Voltage / Current / Energy / Watt Measurement Trainer Kit - 1 No.  Sensor Trainer Kit (Piezo Electric Transducer) - 1 No.  Sensor Trainer Kit (Speed Transducer) - 1 No. |
| 37 | MICROPROCESSOR LAB | | Administrative Block Ground Floor | Microprocessor Trainer Kit (8085 AD LCD) - 5 No.  Microprocessor Trainer Kit (8086 AD LCD) - 15 No.  Power Supply for 8086 Microprocessor Kit - 10 No.  Expension Board - 3 No.  Stepper Motor Controller - 2 No.  DSP Starter Kit (TMS320C6713) - 3 No.  8086 Microprocessor Training Kit (ET8086-AD-LCD-PS) - 10 No.  8051 Microcontroller Trainer Kit (ET-89C51RD2) - 2 No.  Microcontroller Trainer Kit (PIC 16F877) - 2 No.  Digital Storage Oscilloscope (1052B) - 2 No.  89C51RD2 Embedded Trainer Kit - 1 No.  8086 Microprocessor Training kit with SMPS - 1 No.  Temperature Controller with Mini Oven - 1 No.  TMS320C6748 DSP Development Kit - 3 No.  CCD Camera with Lense & Power Adopter - 2 No.  8257 DMA Study Card - 5 No.  8251 (USART) Study Card - 5 No.  Traffic Light Controller Module - 5 No.  Raspberry Pi 3 Module B+ - 5 No.  Aurdino Uno R3 Development Board - 5 No.  Finger Print Sensor Module - 2 No.  RFID Reader Module - 2 No.  Sound Sensors - 2 No.  Air quality control Gas Sensor - 2 No.  Soil Moisture Sensor Module - 2 No.  Microflow Sensor - 2 No.  Head Phone - 3 No.  Micro SD card Reader/ OTG Card Reader - 1 No.  Remote Control Pointer Clicker - 1 No.  Advance Microprocessor Traininbg Kit based on 8085 with LCD Display - 3 No.  Universal Programmer - 1 No.  Oshonsoft Simulator for 8085 Microprocessor Kit - 1 No. |
| 38 | NETWORK ANALYSIS & SYNTHESIS | | Administrative Block Ground Floor | AC Single Phase RLC - 2 No.  Active Filter Trainer Kit - 2 No.  CRO (30 MHz) - 3 No.  DC Ammeter (0-250 mA) - 5 No.  DC Micro Ammeter (100 Micro Amp) - 2 No.  DC Micro Ammeter (500 Micro Amp) - 2 No.  DC Milli Ammmeter (10/20 mA) - 2 No.  DC Milli Ammmeter (50/100 mA) - 3 No.  DC Milli Voltmeter (250/500mV) - 2 No.  DC Milli Voltmeter (50/100mV) - 2 No.  Digital Multimeter - 2 No.  DSO (50 MHz) - 4 No.  Dual Power Supply - 1 No.  Dual Trace CRO (20 MHz) - 4 No.  Frequency Response of RLC Circuit - 2 No.  Function Generator (10 Mhz) - 3 No.  Function Generator (1MHz) - 8 No.  Function Generator (3MHz) - 3 No.  Function Generator (40 MHZ) - 2 No.  Interconnection of two port network - 2 No.  Kirchoff's Law Kit - 2 No.  Maximum Power Transfer Theorem with digital meter - 1 No.  Multiple Power Supply - 3 No.  Multiple Power Supply (DC) - 2 No.  Networks Theorem Kit - 2 No.  OPAMP as Active filter - 1 No.  RLC Resonant Kit - 2 No.  T & pi Network Trainer Kit - 1 No.  Tellegen's Theorem kit with digital meter - 1 No.  thevenin's & Norton's Theorem kit with digital meter - 1 No.  Transient Response of RC Circuit - 1 No.  Transient Analysis of RC/RL Cricuit - 1 No.  Transient response of RLC Circuit - 4 No.  Triple Power Supply - 2 No.  Two Port Ladder Network - 1 No.  Two Port Network Parameter kit - 2 No.  Two Port Network Trainer Kit - 1 No.  Two Port Z & H Parameters - 1 No.  Voltmeter (0-200V) - 5 No. |
| 39 | POWER ELECTRONICS LAB | | Administrative Block Ground Floor | Auxiliary commutation kit - 1 No.  R C trigger circuit kit - 1 No.  VI characteristic of scr kit - 1 No.  UJT trigger circuit kit - 1 No.  Chopper circuit - 1 No.  Speed control of ac motor using triac kit - 1 No.  Complimentary commutation kit - 1 No.  CRO (20mhz,30mhz) - 2 No.  Single phase half wave&full wave rectifier kit - 1 No.  DSO 1052b (25mhz) - 2 No.  Power electronics traner (xpo-pe) - 2 No.  Converter/inverter panel(pe1) - 1 No.  Differential power scope - 2 No.  3 phase hv thyristor control trainer (xpo-hvdc) - 1 No.  "3 phase, 1 hp induction motor  1440rpm,415/230,0.24a - 1 No."  Dc shunt/series motor - 1 No.  3 phase auto transformar - 1 No.  DV/DT protection &firing circuit - 1 No.  SCR application (xpo-pe) - 1 No.  Single phase duel converter trainer with pmdc motor(xpo-spdc) - 1 No. |
| 40 | SIMULATION LAB | | Administrative Block Ground Floor | HP Desktop Computer (I5 10GB RAM) - 30 No.  DIGSILENT POWER FACTORY - 25 Users  P S CADX4(V4 6.3) - 10 Users  ORCADE UNIVERSITY PSPICE SOFTWARE - 20 Users  MATLAB 2021b - 10 User |
| 41 | M.TECH. ECE LAB | | Back Block First Floor | DSO, CRO, Power Supply, Function Generator, Spectrum Analyzer, Working Board and Kits, Microprocessors and Microcontroller Kits, Computer and components etc. | ELECTRONICS & COMMUNICATION ENGG |
| 42 | M.TECH. ECE SIMULATION AND RESEARCH LAB-II | | Back Block Second Floor | NetSim Software, OptiSystem Software, MATLAB Software, HFSS Software for RF & Antenna Design, Multisim Software, Ultiboard Tool, Computers, Printer etc. |
| 43 | ANALOG CIRCUITS LAB | | Back Block First Floor | DSO, CROs,Function generators, Pulse Generators,Ammeters,Voltmeters, Power supply –Triple and Multiple, computer, Different Kits |
| 44 | ANTENNA & MICROWAVE ENGG. LAB | | Back Block First Floor | HFSS Antenna Tool, Computers, Antenna related kits and setups with MIC Components, Radiation Pattern of Linear Antennas, Microwave benches along with microwave components with reflex klystron and Gunn setup, Spectrum Analyser etc. |
| 45 | BASICS ELECTRONICS & ELECTRONIC DEVICES LAB | | Back Block First Floor | DSO, CROs,Function generators, Pulse Generators,Ammeters,Voltmeters, Power supply –Triple and Multiple, computer, Different Kits |
| 46 | BASICS ELECTRONICS & PCB DESIGN CUM MINI PROJECT LAB | | Back Block First Floor | OrCAD Pspice & PCB Bundle, PCB Prototype & Antenna Fabrication Machine with Software, TINA Software, SPrint PCB software, Computers, Printer, PCB curing Machine, Dual size UV exposure, Photoresist Dip Coater, PCB drilling Machine etc. |
| 47 | CAD OF ELECTRONICS LAB | | Back Block First Floor | OrCAD Pspice & PCB Bundle, Xilinx Software, Spartan FPGA Kits/Boards, computers and other s/w like Tanner, Cadence, VIVADO University Tool with Zedboard Kit |
| 48 | COMMUNICATION ENGG. LAB | | Back Block First Floor | VisSim / Comm. 8.0 Suite Software, CROs, Digital Storage Oscilloscope Modulation and Demodulation, Coding-Decoding kits and Comm. Systems Kits, Computers, Spectrum Analyser, Measurement of Temp using RTD, DSO, CRO, Function Generator, Telemetry and Comm., Fourier Synthesis Trainer Kits |
| 49 | CONTROL SYSTEM LAB-1 | | Back Block First Floor | MATLAB Software, Computers |
| 50 | DATA STRUCTURE AND PROGRAMMING LAB | | Back Block Second Floor | C, C++ language and Programming Software Tools and Computers |
| 51 | DIGITAL COMMUNICATION LAB | | Back Block First Floor | VisSim / Comm. 8.0 Suite Software, CROs, Digital Storage Oscilloscope Modulation and Demodulation, Coding-Decoding kits and Comm. Systems Kits, Computers, Spectrum Analyser, Measurement of Temp using RTD, DSO, CRO, Function Generator, Telemetry and Comm., Fourier Synthesis Trainer Kits |
| 52 | DIGITAL SIGNAL PROCESSING (DSP) LAB | | Back Block First Floor | MATLAB Software, Computers, DSP trainer Kits, Multiple Power supply Kits along with Headsets etc. |
| 53 | DIGITAL SYSTEM DESIGN LAB | | Back Block Second Floor | Power Supply, Func. Generator, Oscilloscopes, Digital Trainer Kit, DMM, 8085 Microprocessor Kit, Power Supply for Microprocessor kit, Digital IC Tester, Computer |
| 54 | ECE PROJECT LAB | | Back Block Second Floor | PCB Prototype, OrCAD Pspice & PCB Bundle, CROs, Function Generators, Multimeters , DSO, LCRQ Meter, Solder Irons, PCB Making Components & Consumables, Computers and Software Tool etc. |
| 55 | ELECTRONIC CIRCUIT DESIGN LAB | | Back Block Second Floor | Multisim Software, Ultiboard Tool, OrCAD Pspice & PCB Bundle, Tanner Software, Computers, DSO/CRO, Power Supply, Function Generator and Multimeters etc. |
| 56 | ELECTRONICS MEASUREMENT & INSTRUMENTATION LAB | | Back Block Second Floor | CROs, Function Generators, DSO, Power supplies, Radio Receiver Measurement Kit, Bridge Circuits Kit, Transducer Measurement Kits, Thermocouple Kits, Parameter Measurement and Instrumentation Kits |
| 57 | INTEGRATED CIRCUITS LAB | | Back Block First Floor | TI-Analog System ALSK Pro Kits, Trainer Boards, IC tester, CROs, Function Generators, DSO, Power supplies, Analog Trainer Kit, Study Cards (CMRR, PLL, A/D, D/A, I/V, V/I), Multimeter, Current Source and Multimeters |
| 58 | MICROCONTROLLERS FOR EMBEDDED SYSTEM LAB | | Back Block Second Floor | CROs, Function Generators, Various Study Card, SMPS, Computers, TI based Microcontroller Kits / Modules with Software |
| 59 | MICROPROCESSORS & MICROCONTROLLERS LAB | | Back Block Second Floor | Power Supply, Func. Generator, Oscilloscopes, Digital Trainer Kit, DMM, Microprocessor & Microcontrollers Kits and Simulation Software, Power Supply for Microprocessor kit, Digital IC Tester, Computers, TI based MP & MC Kits |
| 60 | OPTICAL COMMUNICATION & NETWORKING LAB | | Back Block First Floor | OptiSystem Software, Optical Comm. Kits/Setups, Spectrum Analyser, Router, Switch, Crimping Tool, Material required for networking, Computers etc. |
| 61 | SIGNALS & SYSTEMS LAB | | Back Block First Floor | MATLAB Software, Computers, DSP trainer Kits, Multiple Power supply Kits along with Headsets etc. |
| 62 | M.TECH. ECE SIMULATION AND RESEARCH LAB-I | | Back Block First Floor | Visual TCAD, SYMICA and Cadence VLSI Tools, OrCAD Pspice & PCB Bundle, VIVADO University Tool with Zedboard Kit, Tanner Tool, Xilinx Tool, FPGA Kits/Boards, computers and other VLSI s/w |
| 63 | E&I BASIC ELECTRONICS & PCB DESIGN CUM MINI PROJECT LAB | | Back Block First Floor | PCB Prototype, OrCAD Pspice & PCB Bundle, PCB Prototype & Antenna Fabrication Machine with Software, TINA Software, SPrint PCB software, Computers, Printer, PCB curing Machine, Dual size UV exposure, Photoresist Dip Coater, PCB drilling Machine etc. | ELECTRONICS & INSTRUMENTATION ENGINEERING |
| 64 | E&I DIGITAL SYSTEM DESIGN LAB | | Back Block Second Floor | Power Supply, Func. Generator, Oscilloscopes, Digital Trainer Kit, DMM, 8085 Microprocessor Kit, Power Supply for Microprocessor kit, Digital IC Tester, Computer |
| 65 | E&I ELECTRONICS DEVICES AND ANALOG CIRCUITS LAB | | Back Block First Floor | DSO, CROs,Function generators, Pulse Generators,Ammeters,Voltmeters, Power supply –Triple and Multiple, computer, Different Kits |
| 66 | E&I ELECTRONICS MEASURMENT, INSTRUMENTATION AND TRANSDUCERS LAB | | Back Block Second Floor | CRO, Function Generator, Radio Receiver Measurement Kit, PCM using ADC & DAC converter, ADC to DAC using sample and Hold Ckt Kit, Deasuty’s shearing bridge, Optical transducer Trainer-LDR instrument, Kelvin Bridge trainer ,Transducer Measurement Kits, Thermocouple Kits and Parameter Measurement Kits, DSO etc. |
| 67 | E&I INTEGRATED CIRCUITS LAB | | Back Block First Floor | TI-Analog System ALSK Pro Kits, Trainer Boards, IC tester, CROs, Function Generators, DSO, Power supplies, Analog Trainer Kit, Study Cards (CMRR, PLL, A/D, D/A, I/V, V/I), Multimeter, Current Source and Multimeters |
| 68 | E&I MICROPROCESSOR & MICROCONTROLLER LAB | | Back Block Second Floor | CROs, Function Generators, 8085, 8086 LCD kits. Various Study Card, SMPS, Computers, Microprocessor Simulator IDE Tools for 8085 & 8086 etc., Digital Trainer Kit, DMM, Microcontrollers Kits and Simulation Software, Digital IC Tester, Computers, TI based MP & MC Kits |
| 69 | E&I PROJECT LAB | | Back Block Second Floor | PCB Prototype, OrCAD Pspice & PCB Bundle, CROs, Function Generators, Multimeters , DSO, LCRQ Meter, Solder Irons, PCB Making Components & Consumables, Computers and Software Tool etc. |
| 70 | PROGRAMMING & CONTROL SYSTEM LAB | | Back Block Second Floor | C, C++ language and Programming Software Tools, MATLAB and Computers |
| 71 | SIGNAL SYSTEMS AND DSP LAB | | Back Block First Floor | Computer Systems, MATLAB Software, DSP trainer Kits, Multiple Power supply Kits along with Headsets etc. |
| 72 | TELEMETRY & COMMUNICATION LAB | | Back Block First Floor | VisSim / Comm. 8.0 Suite Software, CROs, Digital Storage Oscilloscope Modulation and Demodulation, Coding-Decoding kits and Comm. Systems Kits, Computers, Spectrum Analyser, Measurement of Temp using RTD, DSO, CRO, Function Generator, Telemetry and Comm. Kits etc. |
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