

Laboratory and Workshop

• List of Major Equipment/Facilities in each Laboratory/Workshop

S.No	Programme Name	Department	Name of the Laboratory	Lab / Major Equipments
1	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	DESIGN AND DEVELOPMENT LAB	NETWORK SWITCH, UPS, AC, PC
2	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	DATABASE MANAGEMENT LAB	NETWORK SWITCH, UPS, AC, PC
3	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	OPERATING SYSTEMS LAB	NETWORK SWITCH, UPS, AC, PC
4	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	NETWORKS LAB	NETWORK SWITCH, UPS, AC, PC
5	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	MOBILE APPLICATION DEVELOPMENT LAB	NETWORK SWITCH, UPS, AC, PC
6	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	INTERNET PROGRAMMING LAB	NETWORK SWITCH, UPS, AC, PC
7	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	SOFTWARE ENGINEERING LAB	NETWORK SWITCH, UPS, AC, PC
8	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	ANDROID AND CLOUD COMPUTING LAB	NETWORK SWITCH, UPS, AC, PC
9	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	CONTROL SYSTEM LAB - RENEWABLE ENERGY SYSTEM LAB	Battery storage system with charge and discharge control 40Ah, PV Emulator
10	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	CONTROL SYSTEM LAB	Digital storage Oscilloscope for capturing transience, PID controller simulation and learner kit
11	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEMS	COMPUTERS, PRINTERS, UPS
12	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	CAD LABORATORY POWER SYSTEM SIMULATION LAB	Software: any power system simulation software with 5 user license 2. Server Intel i5, 80GB, 2GB
13	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINE LAB	DC Shunt Motor Coupled With Three phase Slip ring Induction motor 2. Single Phase Induction Motor
14	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB - ELECTRIC CIRCUITS LAB	Single Phase Energy Meter, Digital Storage Oscilloscope (20 MHz), Single Phase Wattmeter
15	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ENGINEERING PRACTICES LAB(ELECTRICAL)	WIRING MATERIALS, APPLICATION
16	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB - ELECTRONICS LAB	Storage Oscilloscope, Regulated 3 output Power Supply 5, $\pm 15V$, CRO

17	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINES LAB	DC RECTIFIERS, CONTROL PANNEL, RHESTATES
18	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB	CRO, RPS
19	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	MICROPROCESSOR & EMBEDDED SYSTEM LAB	8086 16 BIT MICROPROCESSOR KIT, LCD VERSION, 8279 INTERFACE BOARD, 8255 INTERFACE BOARD
20	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	INTEGRATED CIRCUITS LAB	FUNCTION GENERATOR, DIGITAL MULTIMETER, FIXED POWER SUPPLY, DIGITAL IC TRANINER KIT, CRO
21	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	ELECTRONICS CIRCUITS LAB	DUAL REGULATED POWER SUPPLY, SINGLE MODE REGULATED POWER SUPPLY,CRO, FUNCTION GENERATORS,LCR METER
22	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	DIGITAL SIGNAL PROCESSING AND VLSI LAB	DSP TRAINER KIT, ADSP 2181 BASED DSP KIT, DIGITAL SIGNAL OSCILLOSCOPE, DSP STARTER KIT
23	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	ADVANCED COMMUNICATION SYSTEM LAB	GUNN POWER SUPPLY, KLYSTRON POWER SUPPLY, VSWR METER, PIN MODULATOR, FREQUENCY METER
24	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	ADVANCED EMBEDDED SYSTEM LAB	ARDUINO BOARD, DEVELOPMENT BOARD MODEL NO:M9260, 8051, DEVELOPMENT BOARD MODEL NO:MID51
25	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	VLSI	
26	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	RF LAB	
27	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	ENGLISH COMMUNICATION LAB	30 SYSTEMS, 3 PRINTERS
28	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	PHYSICS LAB	SPECTROMETER, MICROSCOPE, , TORSION PENDULAM, PHYSICAL BALANCE, MELDE'S STRING
29	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	CHEMISTRY LAB	PH meter, Conductivity meter , Potentiometer , Flame photometer, Electronic Balance, Hotplate
30	MANAGEMENT	MASTERS IN BUSINESS ADMINISTRATION	MBA LAB	Server (PV System, 1 GB RA/40G, OS: windows server, Audio Card with headphones (With mike), JRE 1.3
31	MANAGEMENT	MASTERS IN BUSINESS ADMINISTRATION	DATA ANALYSIS & BUSINESS MODELING LAB	MBA LAB COMPUTER SYSTEMS, PRINTERS, UPS
32	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	THERMAL LAB	Guarded plate apparatus,Pin fin apparatus, Parallel/counter flow heat exchanger apparatus
33	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	METROLOGY & MEASUREMENT	Floating Carriage Micrometer-0.002mm,Diameter-1.32mm Optical Profile Projector Screen Diameter=200mm

34	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	KINEMATICS & DYNAMIC LAB	Turn Table apparatus Motorized gyroscope apparatus setup Governor setup Cam and follower setup Vibra
35	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	CARPENTRY AND PLUMBING LAB	Rotary Hammer Demolition Hammer Circular Saw Pipe vice Die holder with die set Carpentry bench wise
36	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	FOUNDRY LABORATORY	COPE AND DRAG BOX, PATTERN, SOLID PATTERN, SPLIT PATTERN
37	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	WELDING LAB	Welding Transformer Se Gas Welding Set Sheet Metal Cutting Machine (Hand Shear)
38	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHATRONICS LAB	Electropneumatic Trainer Kit PLC Pneumatic Trainer Kit Data Aquisition System for Pressure Position
39	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MANUFACTURING TECHNOLOGY LAB-I & II	Capstan Lathe, Turret Lathe, Horizontal Milling Machine, Vertical Milling Machine, Gear Hobbing Mac.
40	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	CAD / CAM	Dell Optiplex 3050 Mini Tower, Intelcore I7, 8gb Ram, 1tb Hdd Ansys Academic Teaching License Mechanica
41	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	SURVEYING LABORATORY	TOTAL STATION, HAND HELD GPS, THEODOLITES, DUMPY LEVEL
42	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	SURVEY LAB	TOTAL STATION, THEDELITE, SOKIA C320 WITH STAND
43	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	CAD LABORATORY	DESKTOP PCS, AUTOCAD SOFTWARE
44	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	SOIL MECHANICS LABORATORY	TRIAIXIAL APPARATUS, DIRECT SHEAR TEST APPARATUS, THREE GANG CONSOLIDATION TEST APPARATUS
45	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	HYDRAULIC ENGINEERING LABORATORY	PELTON WHEEL TURBINE TEST RIG, FRANCIS TURBINE TEST RIG, SUBMERSIBLE PUMP TEST RIG
46	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	SOIL LAB	THREE GAUGE CONSOLIDATION COMPLETE SET, TRIARIAL TEST WITH COMPLETE SET
47	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	STRENGTH OF MATERIALS LABORATORY	UNIVERSAL TESTING MACHINE, TORSION TESTING MACHINE, IMPACT TESTING MACHINE, SPRING TESTING MACHINE
48	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	STRENGTH OF MATERIAL LAB	ROCK WELL CUM BRINELL HARDNESS TESTING MACHINE, UNIVERSAL TESTING MACHINE
49	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	CONSTRUCTION MATERIALS LABTORATORY	COMPRSSION TESTING MACHINE - 100 TONNES, FLUXURE TETING MACHINE - HAND OPERATED, COMPACTION FACTOR
50	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	ENVIRONMENTAL ENGINEERING LAB	JAR TEST APPARATUS, MUFFLE FURNANCE, FLAME PHOTOMETER, DO METER, HOT AIR OVEN
51	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	HIGHWAY ENGINEERING LABORATORY	MARSHALL STABILITY, DUCTILITY TESTING, SOFTENING POINT, TAR VISCOMETER