

Laboratory and Workshop

List of Major Equipment/Facilities in each Laboratory/Workshop

• List of Experimental Setup in each Laboratory/Workshop

S.No.	Programme Name	Department	Level	Course	Name of the Laboratory	Lab / Major Equipments
1	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AEROSPACE ENGINEERING	COMPOSITES LAB	Compression Moulding Mechine
2	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AERO SPACE ENGINEERING	FLIGHT TESTING	Flight Simulator,KA-25 Helicopter,MIG-23 Aircraft
3	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AERO SPACE ENGINEERING	PIV LAB	2D sterio PIV setup
4	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AERO SPACE ENGINEERING	PLASMA LAB	Plasma Sputtering System
5	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AERO SPACE ENGINEERING	PROPULSION	Propeller Efficiency Test Rig,Incompressible free Jet,Supersonic Nozzle,Flame speed Measurement
6	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AEROSPACE ENGINEERING	SUPERSONIC & HYPERSONIC FLOW LAB	Supersonic Free Jet, Hypersonic Shock TunnelPIV Lab
7	ENGINEERING AND TECHNOLOGY	AEROSPACE ENGINEERING	UNDER GRADUATE	AEROSPACE ENGINEERING	UAV	RC Aircraft, Quad copter
8	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	CHEMICAL PROCESS CONTROL	Flow Control Trainer,Level Control Trainer,Pressure Control Trainer,Multi Process Trainer,Control Va
9	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	CHEMICAL REACTION ENGINEERING LAB	Adiabatic Batch Reactor, Plug Flow Reactor, C.S.T.R in Series, Isothermal Batch Reactor, C.S.T.R Mi
10	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	CHEMICAL TECHNOLOGY LAB	Demineraliser Aquaoion Model, Hot Air Oven,Electronic Weighing Balance,Water Bath, Magnetic Stirrer
11	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	INSTRUMENTATIO N LAB	Mcco 9A06 Digital multimeter -274,Km333 Kusam Mcco Capacitance Meter - 1852,Digital pH Meter Systroni
12	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	MASS TRANSFER LAB	Simple distillation,Packed bed distillation unit,Steam distillation unit,Bubble cap distillation
13	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	MECHANICAL OPERATIONS LAB	Ball Mill,Cyclone Separator,Drop Weight Crusher,Froth Flotation Apparatus,Jaw Crusher,Leaf Filter
14	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	POLYMER PROCESSING LAB	Automatic injection moulding Machine, Hydraulic compression press, Two Roll Mill, Single screw extru
15	ENGINEERING AND TECHNOLOGY	CHEMICAL ENGINEERING	UNDER GRADUATE	CHEMICAL ENGINEERING	THERMODYNAMIC S LAB	Vapour-Liquid,Equilibrium of a Binary Mixture

						Apparatus, Reaction Equilibrium, In Liquid Phase Appara
16	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	CONSTRUCTION MATERIALS	Rheocale Software for brookfield Viscometer, Flow table for concrete, Ultra sonic Pulse Velocity Metre
17	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	ENVIRONMENTAL ENGINEERING	Bench top Incubator cum orbital shaker, Bod incubator, Centrifuge, Muffle furnace, Autoclave, Water anal
18	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	GEOTECHNICAL ENGINEERING	Consolidation Apparatus (3gang, single), Direct Shear Apparatus, Unconfined Compression Test Apparatus,
19	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	STRENGTH OF MATERIALS	UTM, Impact Testing Machine, Spring Testing, Hardness testing, Torsion testing and Compression Te
20	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	STRUCTURAL & CONSTRUCTION ENGG	Loading frame test set up, Beam test set up, Tile Abrasion Testing Machine, Shake Table, Pan Mixer, Ele
21	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	UNDER GRADUATE	CIVIL ENGINEERING	SURVEY	PENTAX total station with all standard accessories, Trimble M3(5) Total station with Accessories, GPS
22	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	AMRITA MOBILE UBIQUITOUS AND DISTRIBUTED APPLICATIONS (AMUDA) LAB UG AND PG	Raspberry pi 3 B+(3 Nos), Raspberry pi -5 (10 Nos), Arduino UNO -30 Nos, ESP32-C6-DevKitC-1-N8 De
23	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	AMRITA-COGNIZANT INNOVATION LAB	DELL System-DELL Optiplex 3010 : Intel Core i5, 3470 CPU @ 3.2 GHz, 4 GB RAM, 500 GB HDD-4 Nos,
24	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	COMPUTATIONAL THINKING FOR RESEARCH AND EDUCATION (CORE) LAB UG AND PG	Raspberry pi 5 - 5 Nos, Robot chassis kit -2 Nos, WiFi Routers- 1 No, LCD monitor 18.5 inch DELL -5 N
25	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	COMPUTING SYSTEMS AND HARDWARE LAB	ARDUNIO ESP32 - 150 Kits, ARDUINO UNO - 20 kits, RASPBERRYPI 3B+ - 20 Kits, NODE MCU - 15 Kits
26	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	DISTRIBUTED SYSTEMS AND IOT LAB	TIVA SERIES-LAUNCH PAD - 36 Kits, Micro Controller STM32 - 300 Kits, Micro Controller 8051 - 35 Kits,
27	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - COMPUTER LAB-I	PC: 75, Software: 25, Printer: 1, Scanner: 1, Switch: 5, UPS(Centralized): 80 KVA
28	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - COMPUTER LAB-II	PC: 72, Software: 25, Scanner: 1, Switch: 4, UPS(Centralized): 80 KVA
29	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - COMPUTER LAB-III	PC: 72, Software: 25, Scanner: 1, Switch: 4, UPS(Centralized): 80 KVA
30	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - COMPUTER LAB-IV	PC: 72, Software: 25, Switch: 4, UPS (Centralized): 80 KVA
31	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - IT LAB-I	PC: 73, Software: 25, Switch: 4, UPS(Centralized): 60 KVA

32	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	ICTS - IT LAB-II	PC: 71, Software: 25 Switch: 4, UPS(Centralized): 60 KVA
33	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	MULTICOREWARE ACADEMIA GLOBAL INNOVATION CENTER (MAGIC) LAB	HP/DELL-Intel Core i7,16 GB RAM,1 TB HDD,NVIDIA P 1000 GB-5 Nos,DAHUA -1 No,CP PLUS -1 No,CP PLUS S
34	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	SIGNAL PROCESSING, MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE RESEARCH LAB &NBSP;	HP Workstation --Intel Xeon, 32 GB RAM, 512 GB SSD, 1 TB HDD, NVIDIA RTX A2000 12 GB - 4 Nos
35	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	CARPENTRY LAB	Carpentry table,Wooden table ,Steel stools,Jig saw,Chisel,Saw,Planner
36	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	CLIMATOLOGY	Rain gauge, Wind wave, Solarimeter, Anemometer, Comprehensive weather station, Barometer
37	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	COMPUTER LAB(DESIGN)	HP I3 CPU - 45 nos.,TFT Monitor - 45 nos.,Xerox colour machine/Scanner - 2 nos, Cannon plotter- 1 no
38	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	ELECTRICAL LAB	28W Tubelight fitting,36W Tubelight,18W LED Tubelight fitting,9W LED Bulb,35W CFL,36W CFL,18W CFL,
39	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	MATERIAL MUSEUM	Kitchen tiles,Bathroom tiles,Granite ,Green marble,Terracotta tiles ,Paver block ,Concrete block,WPC
40	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	MODEL MAKING	Electrically operated potter wheel ,Handiman Tool kit ,Portable drilling machine ,Portable Screw and
41	DESIGN	DESIGN	UNDER GRADUATE	INTERIOR DESIGN	SURVEY AND MASONRY LAB	Survey Plane Table,Chains,Dumpy level,Leveling Staff,Cross staff,Ranging rods,
42	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	BASIC ELECTRICAL ENGINEERING LAB	Induction motors,Dc RPS,Function Generators, Oil test kit,DC.rectifier power source,Ansys software, A
43	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	CONTROL AND INSTRUMENTAION	"AC&DC Meters,National Instrument equipments, MY RIO,MY DAQ,Measurments Equipment,Sensors,CRO,Func ti
44	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	DIGITAL LAB	IC Teaster,IC Digital Trainer Kit
45	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	DRIVES AND CONTROL LAB(UG & PG)	"DC Motor position control system (ITB-PEC01) AC Servo position control system (PEC-2) 230/12V"
46	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL MACHINES LAB	DC & AC Meters, Wattmeters, DC & AC Machines and Transformers, Auto Transformers, Rectifier unit, po

47	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL WORKSHOP	Transformer oil testing kit, Single-phase and Three-phase Induction Motor with Loading set, Panel mo
48	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POST GRADUATE	EMBEDDED SYSTEMS	EMBEDDED SYSTEMS LAB(UG & PG)	STM32F401RE Nucleo, ARM7 LPC2148, Raspberry Pi 4B (8GB RAM), Arduino Nano 33BLE Sense, Uno, Mega, D
49	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	MICROCONTROLLE R LABORATORY	PIC16F877A Development Boards, 8085, 8086, 8051 Kits & Interface boards , ADALM2000 Module
50	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POST GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER ELECTRONICS LAB(UG & PG)	3 phase Advance Power Quality and Energy Analyzer (FLUKE), 12KVA 3 phase Air cooled servo stabilizer
51	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	POWER SYSTEM LAB	PSV30 Relay,DC.rectifier power source,DSO,General Riprose Inverter Control,Meters
52	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	PROJECT LAB	Soldering station, Drilling machine, PCB making, Basic controller boards, Sensors
53	ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	POST GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	RENEWABLE ENERGY LABORATORY(RET) (UG & PG)	DC Motor- Alternator 1 KVA
54	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	POST GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	BIOMEDICAL INSTRUMENTATION LAB	ECG Simulator/Trainer; Hantek 1008A 250KHz Analog Band Width, 8-Channel 2.4MS/s real time sampling P
55	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	COMMUNICATION ENGINEERING LAB	Digital Storage Oscilloscopes(50,70&100MHz), Arbitrary Function Generator(25MHz),USRP X300 Kit, Daug
56	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	DIGITAL DESIGN LAB	Digital Storage Oscilloscope 50MHz & 70MHz, Digital Trainer kit, Regulated power supply, Cathode Ray
57	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	DIGITAL SIGNAL PROCESSING LAB	MATLAB Software with Toolboxes; Xilinx Development Kit, VIVADO System Edition
58	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	ELECTRONIC CIRCUITS LAB	Digital Storage Oscilloscope 50MHz & 70MHz, Regulated power supply, Cathode Ray Oscilloscope 30MHz,
59	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	ELECTRONICS HARDWARE LAB	Digital Storage Oscilloscope 50MHz; PCB Fabrication Machine
60	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	EMBEDDED COMPUTUNG LAB	30MHz Dual Channel Analog Oscilloscope, Pic programmer and Development board, Proteus VSM simulator
61	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION	INTELLIENT ELECTRONICS SYSTEM LAB	PC - PID Multi Process Control System Trainer, GPU - Work station,Ardiuno, STM32, Raspberry pi board

		ENGINEERING		ENGINEERING		
62	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	MICROWAVE & ANTENNA LAB	Anechoic Chamber - 40 GHz; VNA - 20 GHz; Microwave benches , Digital Storage oscilloscope 50MHz & 10
63	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	POST GRADUATE	VLSI DESIGN	VEHICULAR ELECTRONICS LABORATORY	ACE_MABXII, 3D- LIDAR VLP-16, Jetson Boards, dSPACE CANoE
64	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	POST GRADUATE	VLSI DESIGN	VLSI DESIGN LAB (PG)	Cadence, Synopsys, Keysight MSOX3014A 100MHz, 4+16-Channel Mixed Signal Oscilloscope, FPGA boards
65	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	POST GRADUATE	VLSI DESIGN	VLSI DESIGN LAB (UG)	Zybo ZynqTM-7000 Development Board, Keysight EDUX1002G 50MHz Digital storage oscilloscope, UEF - SD
66	ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	ELECTRONICS AND COMMUNICATION ENGINEERING	WIRELESS SYSTEM DESIGN LAB	Ansyz-HFSS, USRP N210 Kit and it's Accessories, Mixed Domain Oscilloscope (MDO4024C)
67	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	ADVANCED MULTIFUNCTIONAL MATERIALS AND ANALYSIS LABORATORY (AMMAL)	1. 884 Computrace 2. UV-Visible spectrophotometer
68	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	ADVANCED PHYSICS LAB	Fourprobe Setup,HallEffect Setup,Photo Electric effect setup, LCR Meter
69	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	POST GRADUATE	Others	AMRITA BIOMEDICAL ENGINEERING CENTRE	High-Speed Linear Machining Centre -Sodick, Japan,Electrical Discharge Machining - Sodick, Japan,3D
70	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	AMRITA LAB	Gas Chromatography,Tubular furnace
71	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	POST GRADUATE	Others	BIOSENSOR RESEARCH LAB (UG AND PG)	Electrochemical Work Station -CH Instruments, USA, Electrochemical Analyzer - CH Instruments, USA
72	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	CERAMICS RESEARCH LAB	Flash Sintering Furnace (Top load) Flash sintering Furnace with dilatometer (Front load)
73	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	CHEMISTRY LABORATORY	Muffle furnace
74	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	DHANVANTHRI LABORATORY	Flash purification system (Biotage),Microwave reactor (Anton Paar),Rotary evaporator (Heidolph)
75	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	ELECTRONICS LAB	Spectrometer,Michaelson Interferometer,Optical Fiber Experiment Setup,Traveling Microscope
76	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	ENERGY TECHNOLOGY LABORATORY	Tubular Furnace,Thermal Evaporator,Spin Coater,Solar Evaporator,3 Probe,Photoluminescence
77	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	ENGINEERING PHYSICS LAB - A AND B	Spectrometer,Travelling Microscope,Helmholtz Coil Setup,Photo Electric Effect Setup,Energy bandgap of

78	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	FUNCTIONAL MATERIALS LABORATORY	Micro Raman Spectroscopy,FT-IR (Fourier Transform Infrared Spectrometer),Hall Measurement System
79	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	LANGUAGE LAB	HP Computers - 80, SANAKO 1200 SOFTWARE, HEADPHONES, .Network Switch, Audio Visual Equipment,Project
80	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	MECHANICS AND ELECTRICITY MAGNETISM	Spectrometer,Travelling Microscope,Helmholtz Coil Setup,Photo Electric Effect Setup,Energy bandgap of
81	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	MECHANICS AND PROPERTIES OF MATTER AND HEAT	Spectrometer,Travelling Microscope,Helmholtz Coil Setup,Photo Electric Effect Setup,Energy bandgap of
82	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	MODERN PHYSICS LAB	Spectrometer,Michaelson Interferometer,Optical Fiber Experiment Setup,Traveliing Microscope
83	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	NEST LAB (NANOMATERIALS FOR ENERGY STORAGE TECHNOLOGY, (OLD PHYSICAL CHEMISTRY LAB)	Origalys Electrochemical Workstation,Hydraulic Crimping Machine,Tubular Furnace - 1200 o C, Table to
84	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	OPTICS LAB	Spectrometer,Michaelson Interferometer,Optical Fiber Experiment Setup,Traveliing Microscope
85	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	PHYSICS LAB I	Spectrometer,Travelling Microscope,Helmholtz Coil Setup,Photo Electric Effect Setup,Energy bandgap of
86	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	SOLID STATE AND THERMODYNAMIC S	Spectrometer,Travelling Microscope,Helmholtz Coil Setup,Photo Electric Effect Setup,Energy bandgap of
87	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	UNDER GRADUATE	Others	SPECTROSCOPY LAB	Fourprobe Setup,Halleffect Setup,Photo Electric effect setup, LCR Meter
88	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	WELDING RESEARCH LAB	GMAW/GTAW LINEAR CIRCULAR AUTOMATED GANTRY WELDING STATION GMAW/GTAW(AC/DC) POWER SOURCE
89	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	AARTC LAB	CHILLER, COOLING TOWER , AIR HANDLING UNIT, CASSETTE UNITS, VALVE UNITS, WATER PUMPS, EXHAUST SYSTEM
90	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	ADDITIVE MANUFACTURING LAB	FDM CUM PASTE EXTRUSION 3DPRINTER, FDM 3D PRINTER, SLA 3D PRINTER, 3D SCANNER, SLS 3D PRINTER
91	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	AUTOMATION LAB	PNEUMATIC & ELECTEO-PNEUMATIC TRAINING KIT,AIR CONTROL ASSY, PLC, MODULAR PRODUCTION SYSTEM
92	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	AUTOMOTIVE ELECTRONICS LAB	BQ79606 EVM - POWER MANAGEMENT IC DEVELOPMENT TOOLS, S32V234 EVM - NXP

						DEVELOPMENT BOARDS AND KITS
93	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	CAD LAB	COMPUTERS - 96 NOS - CORE I7, 16GB RAM, SSD-500GB WITH GRAPHICS CARD
94	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	COMBUSTION RESEARCH LAB	MASS FLOW CONTROLLERS (6 NOS),TEMPERATURE REGULATOR BATH (HOT AND COLD),IR CAMERA
95	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	CONDITION MONITORING RESEARCH LAB	GEARBOX TEST-RIG, TRI AXIAL ACCELEROMETER,MICROPHONE,VIBPILOT DAQ + SO ANALYSER
96	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	DYNAMICS LAB	MULTI VIBRATION APPARATUS,PHOTON TWO CHANNEL FFT ANALYSER HARDWARE & SOFTWARE
97	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	ENGINEERING DESIGN LAB	NANO BENCH TOP CHAMBER,KINOVA LITE 4-CHANNEL NVH DATA ACQUISITION UNIT (SN71606) & SOFTWARE (SN207-3
98	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	FLUID MECHANICS & MACHINERY LAB	PELTON TURBINE TEST RIG, FRANCIS TURBINE TESTRIG,KAPLAN TURBINE TESTRIG
99	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	FOUNDRY LAB	CONCRETE PERMEABILITY TESTER, UNIVERSAL STRENGTH MACHINE (DIGITAL),TOP OPENING COPPER MELTING FURNA
100	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	INSTRUMENTATION & CONTROL SYSTEMS LAB	SENSORS & DATA ACQUISITION AND ACCESSORIES,LEVEL PROCESS & FLOW PROCESS CONTROLLER, DIFFUSED LIGHT R
101	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	MANUFACTURING PROCESSES LAB	CENTRELESS GRINDING MACHINE,SURFACE GRINDING MACHINE,CYLINDRICAL GRINDING MACHINE,DRILLING MACHINE,
102	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	MATERIALS PROCESSING LAB	HIGH TEMPERATURE FURNACE,VACUUM BRAZING FURNACE,VACUUM HOT PRESS, WATER CHILLER
103	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	MECHATRONICS LAB	ARM AND STM32 DEVELOPMENT BOARDS
104	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	METAL CASTING RESEARCH LAB	HEAT TREATMENT FURNACE,MELTING FURNACE
105	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	METAL FORMING LAB	MECHANICAL PRESS (50T) WITH LUBRICATION PUMP, HYDRAULIC PRESS (50T), HYDRAULIC POWER PACK AND ACCES
106	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	METAL JOINING LAB	GTAW AC/DC LINEAR WELDING SYSTEM, MIG LINEAR / CIRCULAR PIPE WELDING SYSTEM
107	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	METALLURGY LAB	EPIMET-3 INVERTED METALLURGICAL MICROSCOPE, ZEISS AXIOVERT 25CA INVERTED METALLURGICAL MICROSCOPE

108	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	METROLOGY LAB	FLOATING CARRIAGE DIAMETER MEASURING MACHINE, PROFILE PROJECTOR- METZ - 807 A, SLIP GAUGE
109	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	ROBOTICS LAB	INDUSTRIAL ROBOT MANIPULATOR, ROBO ANALZER WITH SIMULATION AND RESEARCH SOFTWARE, FLEXIBLE MANUFACTURI
110	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	THERMAL ENGINEERING & HEAT TRANSFER LAB	SINGLE CYLINDER FOUR STROKE HORIZONTAL DIESEL ENGINE WITH ROPE BRAKE DYNAMOMETER, MULTI CYLINDER PET
111	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	UNDER GRADUATE	MECHANICAL ENGINEERING	TRIBOLOGY RESEARCH LABORATORY	ELECTRIC FURNACE WITH STIRRER, COPPER MELTING FURNACE, TIG WELDING MACHINE & ACCESSORIES

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