

Department of Civil Engineering :

Lab. : Engineering Mechanics Lab : E 406 Area : 88.77

Sr.No	Particulars
1	Single Purchase Crab
2	Double Purchase Crab
3	Worm & Worm Wheel
4	Two Sheave three Sheave
5	Screw Jack
6	Differential axle & wheel
7	LAMI'STHEOREM
8	LAW OF MOMENT APPARATUS
9	BEAM REACTION APPARATUS
10	FRICITION : INCLINED PLANE
11	WESTON'S DIFFERENTIAL PULLEY

Lab. : Testing of Material Lab. : E-404 Area : 85.99

Sr.No	Particulars
1	Universal testing machine
2	Brinell Hardness testing
3	Los angles apparatus
4	Crushing value apparatus
5	Vicat apparatus
6	Cube mould 150 X 150
7	Bulk density apparatus
8	Slump test apparatus
9	compaction factor apparatus
10	Soundness Le chatelier's apparatus
11	Tray
12	Vibrating table

Lab. : Geo-Tech. Lab. : E 409 A Area : 85.99

Sr. No	Particulars
1	Core cutter
2	Pearmeability apparatus
3	Shrinkage limit test apparatus
4	Liquid limit test machine
5	Triaxial test machine
6	Direct shear test machine
7	CBR test machine
8	Unconfined compression test apparatus
9	Electric oven thermostatically
10	Casagrande's apparatus
11	Mechanical sieve shaker
12	Set of IS sieve
13	Soil sample extruder

Lab. : Surveying Lab. : E 403 Area : 59.18

Sr. No	Particulars
1	Auto -level
2	Theodolite
3	Prismatic compass
4	Dumpy level
5	Digital planimeter
6	Tilting level
7	OPTICAL SQUARE
8	CHAIN
9	PLANE TABLE WITH ACCESSORIES
10	Theorodolit 20sec accurcracy with aluminium stand
11	LINE RANGER
12	TOTAL STATION

Lab. : Environmental Lab. : E409 B

Area : 60.00

Sr. No	Particulars
1	TURBIDITY METER
2	BOD Inner chembar apparatus
3	COD apparatus
4	Jar Test apparatus (6 Jar)

Lab. : Computer Laboratory : E-404

Area : 78.77

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Department of Chemical Engineering :

Lab : Heat Transfer Operations : E - 514

Area : 75.24

Sr. No	Item
1	Thermal conductivity of metal rod
2	Stefan Boltzmann
3	Lagged pipe
4	Drop And Film Wise Condensation
5	Plate heat exchanger
6	Composite wall unit
7	Forced convection
8	Emissivity
9	Double pipe heat exchanger
10	Shell and tube heat exchanger
11	Finned tube heat exchanger

Lab : Mass Transfer Operations : E - 517

Area : 50.16

Sr. No	Item
1	Gas absorption
2	Liquid extraction
3	Reynolds setup
4	Simple distillation
5	Packed bed distillation
6	Diffusion in air
7	Batch crystallization
8	Tray drier
9	Gas absorption
10	Liquid extraction

Lab : Mechanical Operations-1 : C- 101

Area : 129.48

Sr. No	Item
1	Sieve shaker
2	Set of sieves
3	Ball mill
4	Sedimentation apparatus
5	Plate and frame filter press
6	Vaccum leaf filter
7	Jaw crusher
8	Hammer mill
9	Froth flotation cell
10	Basket centrifuge

Lab : Mechanical Operations-2 : W/S- 103 Area : 105.35

Sr. No	Item
1	Sieve shaker
2	Set of sieves
3	Ball mill
4	Sedimentation apparatus
5	Plate and frame filter press
6	Vaccum leaf filter
7	Jaw crusher
8	Hammer mill
9	Froth flotation cell
10	Basket centrifuge

Lab : Chemical Process Technology Laboratory : C-103 Area : 99.54

Sr. No	Item
1	Burett's,Pipette's,Beakers,Conical Flask,Volumetric Flask,Hydrometer,Parafin Bath,Spirit Lamp,Thermo

Lab : Computer Laboratory : E-502 Area : 63.32

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Department of Computer Technology :

Lab : Programming Laboratory - 01 : E- 216 Area : 75.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Programming Laboratory - 02 : E- 217 Area : 75.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Programming Laboratory - 03 : E- 220 Area : 50.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Database Laboratory : E- 212 Area : 69.11

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Programming Laboratory – 04 : E- 213 A Area : 64.40

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Hardware & Networking Laboratory : E- 213 B Area : 75.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Department of Electrical Engineering :

Lab : Computer Laboratory : E-308

Area : 75.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Electrical Engineering Laboratory : E-309

Area : 69.11

Sr. No	Item
1	Ammeters, Voltmeters, wattmeters, Experiment kits.3 phase and single phase autotransformer

Lab : Electrical Machine Laboratory : E-310A

Area : 61.60

Sr. No	Item
1	3-Phase induction motor coupled DC generator , Single phase I.M. ,DC shunt motor, DC series Motor, 3_Phase Alternator –coupled DC Generator, 3-Phase Autotransformer

Lab : Electrical Measurement Laboratory : E-310B

Area : 52.40

Sr. No	Item
1	Ammeters, Voltmeters, wattmeters, Experiment kits. Demonstration kit, CT , PT, Megger, Energy Meter. 3 phase and single phase autotransformer

Lab : Electrical Power System Laboratory : E-316

Area : 75.60

Sr. No	Item
1	IDMT relay, Single Phase Preventer, HRC fuse. MCCB.

Lab : Electrical Workshop Laboratory : E-313

Area : 50.40

Sr. No	Item
1	Tool Kit. Conduits,Accessories board, Types of wires, Types of switches .

Department of Mechanical Engineering :

Lab : Thermal Engineering Laboratory : E-512 Area : 79.80

Sr. No	Item
1	Model of Lamont, Babcock and Wilcox boiler, Boiler mountings and accessories, Impulse and reaction turbine, Set up for thermal conductivity of metal rod, Model of Heat exchangers, Solar Water Heater

Lab : Automobile Engineering Laboratory : WS-02 Area : 58.55

Sr. No	Item
1	Working Model of Synchromesh gearbox, Differential, Single plate and diaphragm clutch.

Lab : Theory of Machines Laboratory : E-109 Area : 78.51

Sr. No	Item
1	Working model of 2 wheeler braking system, Multi-plate clutch, Centrifugal governor and Mechanisms .

Lab : Heat Power Laboratory : E-116 Area : 71.26

Sr. No	Item
1	Test rig of Single cylinder 4 stroke petrol engine, Multi cylinder 4 stroke diesel engine, Carburetor, Test rig of 2 cylinder reciprocating air compressor, Model of Jet engine. Mini Air condition Tutor, Vapour Compression Test Rig. Water Cooler Test Rig, Window A/C Demo Model Cut Section of Hermetically Sealed Compressor.

Lab : CAD Laboratory : E-413 Area : 91.80

Sr. No	Item
1	20 PC's, AutoCAD & ProE software .

Lab : Metrology & Quality Control Laboratory : E-109 Area : 78.51

Sr. No	Item
1	Pneumatic Comparator, snap gauge, Auto collimator, Optical profile, Tool makers micrometer, Gear tooth vernier caliper, tally surf, Sine centre, Floating carriage dial micrometer.

Lab : Fluid Mechanics And Machinery Laboratory : E-107 Area : 75.60

Sr. No	Item
1	Setup for Verification of Bernoulli's Theorem, Venturimeter & Orifice meter, Losses in Pipe Fittings, Pitot Tube, Meta centric Height of Ship, Centrifugal Pump Test Rig, Reciprocating Pump, Pelton Wheel Turbine test rig, Francis Turbine, Impact of Jets.

Department of General Science :

Lab : Applied Chemistry Laboratory : E-119 Area : 75.60

Sr. No	Item
1	Oven,chemical balance,electronics balance,furnace,distillation column,PH meter,conductivity tester

Lab : Applied Physics Laboratory : E-509B Area : 106.40

Sr. No	Item
1	Travelling Microscope,Viscosity meter, ,Potentiaometer,Spectrometer,Resonance Tube, Power Suupy,

Lab : Language Laboratory : E-307 Area : 75.60

Sr. No	Item
1	Computers Lenovo
2	Printer HP 1020 Laserjet
3	Network Switch D Link

Lab : Dark Room Laboratory : E-404B Area : 10.22

Sr. No	Item
1	Searle's apparatus,Surface tension Kit, Sprectrometer, Bar Pendulum,RC Circuit Kit,Optical Bench

Department of Workshop :

Lab : Workshop-Welding : WS-102A Area : 98.40

Sr. No	Item
1	Tig Welding,Mig Welding,Arc Welding,Resistance Welding M/cs, Hand Tools,Saftey Equipments

Lab : Workship-Fitting Shop : WS-202A Area : 95.40

Sr. No	Item
1	Drilling machine,Work Benches, Tools, Power Saw, Saftey tools

Lab : Additional Ws Cutting & Power Tools : WS-102C Area : 64.30

Sr. No	Item
1	Hand grinder, Hand drill, Hand Cutters, Power Tools, Power Hacksaw, Bench Drill

Lab : Additional Ws Tin Smithy : WS-202B Area : 101.65

Sr. No	Item
1	Open Hearth, Blower, Crank type Hammer, Saftey Tools, Hand Tools,Anvil

Lab : Additional Ws Milling And Grinding : WS-102A Area : 98.40

Sr. No	Item
1	CNC Milling Trainer MILLING MACHINE SHAPING MACHINES GRINDING MACHINES

Lab : Additional Ws Moulding : WS-B01 Area : 163.40

Sr. No	Item
1	Moulding MACHines, Patterns, Mould Box,

Lab : Additional Worksho-Machining : WS-101A Area : 197.40

Sr. No	Item
1	Geared Lathes, Power saw,CNC lathe,Hand Tools, Cutting Tools, Saftey tools

Lab : Additional Workshop-Carpentry : WS-201A Area : 165.45

Sr. No	Item
1	Wood working lathe,planer & saw machines,tools,work benches

Lab : Additional Workshop-Plumbing : WS-201B Area : 83.60

Sr. No	Item
1	Pipe bending machine,pipe vice,pipe wrench,work benches, sheet bending, press break, fly press, tool

Department of Information Technology :

Lab : Information Technology Laboratory : E-222 Area : 75.60

Sr. No	Item
1	Computers, Printer, Scanner, Network Switch

Department of Electronics & Telecommunications :

Lab : Basic Electronics Laboratory : E-510 Area : 79.80

Sr. No	Item
1	Single Out Power Supply,CR Oscilloscope 30 MHz,Function Generator, LCR Q Meter