

Mechanical Engg.-Lab Details

Sr. No.	Laboratory Name	Location of Laboratory	Area of Laboratory	Laboratory Resources/Equipment
1	Metallurgy	D-005	59 sq meter	Universal testing machine Belt grinder Double disc publishing machine
2	CAD/CAM/CAE	A-208A	73 sq meter	Celling Mount kit,Projector(LCD)
		A-208B	73 sq meter	ANSYS Academic Teaching Introductory 25 tasks CATIA Software
3	Dynamics Of Machinery	D-004	65 sq meter	Universal Vibration Lab (Vibration lab) Test Rig. Whirling of Shaft apparatus Motorised Gyroscope
4	Applied Thermodynamics	D-001	68 sq meter	Gas calorimeter Bomb calorimeter Two Stage Air Compressor
5	Fluid Mechanics/Industrial Fluid Power	D-001A	66 sq.meter	Venturimeter & Orifice meter Bernoulli's apparatus Electro Hyd. Trainer Gear Pump Test Rig Electro Pneumatic Trainer
6	Fluid Machinery	B-104	54 sq meter	Francis turbine test rig. Pelton wheel turbine test rig
7	Theory Of Machine	D-006	66 sq meter	Universal Governor Apparatus Rope brake Dynamometer
8	Heat Transfer	D-007	68 sq meter	Forced convection apparatus Pin-fin apparatus
9	Refrigeration And	D-002	68 sq meter	Air conditioning

	Air Conditioner			Vapor absorption refrigeration
10	Mechatronics/ Metrology & Quality Control	D-003	67 sq meter	P.I.D Trainer
11				P.L.C Trainer/Sensors
				Profile Projector
				Surface Plate, TMM, PP
12	Internal Combustion Engine/ AT	D-001	68 sq meter	Smoke Meter & Three Way Gas Analyzer Engine test Set up VCR
13	Workshop	B-105 Workshop	200 sq meter	Milling Machine Radial Drilling Lathe Machines
14	PG CAD Lab	A-209A	73 sq meter	PC(DELL) On Rent basis ANSYS-13.0 CATIA- V5
15	Flexible Manufacturing & Automation Lab (FMA)	B-101	108 sq meter	CNC Lathe Trainer CNC Mill Trainer Educational Robot Automatic Storage And Retrieval System Automatic Guided Vehicle Assembly Station