

Mechanical Workshop

S.No	Item description
1	All geared light duty lathe machine
2	All geared medium duty lathe machine – 3 nos
3	Flat Bed CNC lathe machine
4	Surface grinder machine
5	Cylindrical grinding machine
6	Hydraulic hacksaw machine
7	Radial drilling machine
8	Universal Milling machine
9	CNC milling machine

Thermodynamics Laboratory Equipment's

S.No	Item description
1	Air conditioning test rig
2	4 stroke diesel engine cut section
3	2 stroke petrol engine test rig
4	4 stroke petrol engine test rig
5	4 stroke diesel engine test rig
6	Refrigeration test rig
7	4 stroke diesel engine test rig

Material Science and Metallurgy Laboratory Equipment's

S.No	Item description
1	Vickers hardness tester
2	Cyclic corrosion tester
3	Brinell hardness tester
4	Belt grinder

Strength of Materials Laboratory

S.No	Item description
1	Digital Spring Testing Machine
2	Pendulum Impact Testing Machine
3	Fatigue Testing Machine
4	Torsion Testing Machine

Fluid Mechanics Laboratory

S.No	Item description
1	Digitalized Reynolds Apparatus (SS Tanks) Closed circuit
2	Free & Forced Vertex Flow Apparatus (SS Tanks) Closed circuit
3	Digitalized Combined Major Losses & Minor Losses Set Up (SS Tanks) Closed circuit
4	Digitalized Bernoulli's Apparatus (SS Tanks) Closed circuit
5	Digitalized Impact of Jet on Vanes (SS Tanks) Closed circuit
6	Digitalized Venturimeter & Orifice meter Set Up (SS Tanks) Closed circuit
7	Digitalized Pitot Tube Set Up (SS Tanks) Closed circuit

3D Printing Laboratory

S.No	Item description
1	Flash forge Inventor - II
2	Flash forge Inventor

Machine Design Laboratory

S.No	Item description
1	Journal bearing model
2	Universal vibration lab model
3	Whirling of shaft apparatus

Measurements and Instrumentation Laboratory

S.No	Item description
1	Surface roughness tester
2	Profile projector
3	Slip gauge set
4	Autocollimator