

<b>MECHANICAL ENGINEERING DEPARTMENT</b>	
<b>FLUID MECHANICS LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	METACENTRIC HEIGHT
2	CO-EFFICIENT OF Cd,Cc AND Cv APP.
3	NOZZLE METER
4	BERNOULI THEOREM APP.
5	PITOT TUBE
6	VENTURIMETER TEST
7	LOSSES IN PIPE APP.
<b>TURBO MACHINERY LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	CENTRIFUGAL PUMP TEST
2	HYDRAULIC RAM TEST
<b>MATERIAL SCIENCE LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	HYDRAULIC PRESS 5000KGF
2	DOUBLE DISC POLISH MACHINE
<b>MECHANICS OF SOLIDS LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	IZOD IMPACT TESTING M/C
2	ROCKWELL HARDNESS TESTER
3	FATIGUE TESTING M/C
4	TORSION TESTING M/C
5	SPRING TESTING M/C
6	UNIVERSAL TESTING M/C
<b>VIBRATION LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	CRITICAL SPEED OF SHAFT APP. WITH TECHOMETER
2	UNIVERSAL VIBRATION APPARATUS WITH ACC.
<b>THERMAL ENGG. - IV (RAC LAB)</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	TWIN CYLINDER AIR COMPRESSOR
2	MECHANICAL HEAT PUMP
3	SUN PATH RECORDER
4	PARALLEL AND COUNTER FLOW HEAT EXCHANGER
<b>THERMAL ENGG. LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	4 STROKE SINGLE CYLINDER DIESEL ENGINE WITH ELECTIC DYNAMOMETER
2	MODEL OF FUEL SUPPLY SYSTEM FOR PETROL ENGINE
3	MODEL OF FUEL SUPPLY SYSTEM FOR DIESEL ENGINE
4	COOLING SYSTEM
5	LUBRICATING SYSTEM OF AUTOMOBILE
6	IGNITION SYSTEM OF AUTOMOBILE
7	MODEL OF LANCASHIRE BOILER
8	MODEL OF LOCOMOTIVE BOILER
9	MODEL OF BABCOCK AND WILCOX BOILER
10	MODEL OF COCHRAN BOILER
11	ROPE BRAKE DYNAMOMETER
12	2 STROKE SINGLE CYLINDER PETROL ENGINE ROPE BRAKE DYNAMOMETER
13	MODEL OF FOUR STROKE DIESEL ENGINE
<b>THERMAL ENGG. LAB - III (H.M.T.)</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	THERMAL CONDUCTIVITY OF INSULATING POWDER APP.

2	EMMISSIVITY MEASUREMENT APP.
3	STEFAN'S BOLTZMAN CONSTANT APP.
4	PINFIN IN NATURAL AND FORCED CONVECTION APP.
5	FREE/NATURAL CONVECTION APP.
6	THERMAL CONDUCTIVITY OF METAL ROD
<b>DYNAMICS OF MACHINE LAB-I</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	MODEL OF OLDHAN COUPLING
2	MODEL OF SCOTCH YOKE MECHANISM
3	MODEL OF RECIPROCATING ENGINE MECHANISM
4	MODEL OF OSCILLATING CYLINDER MECHANISM
5	MODEL OF WITHWORTH QUICK RETURN MECHANISM
6	FOUR BAR LINK MECHANISM
7	MODEL OF CAM AND FOLLOWER
8	MOMENT OF INERTIA BY FLYWHEEL
<b>DYNAMICS OF MACHINE LAB-II</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	GYROSCOPE
2	GOVERNOR APP.
3	STATIC AND DYNAMIC BALANCING MACHINE
4	GEAR BOX WITH OPERATING LEVER
<b>PRODUCTION ENGG. AND WORKSHOP PRACTICE LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	MUFFLE FURNACE
2	SINGLE PHASE TRANSFORMER (WELDING)
3	CENTRE LATHE MACHINE (BELT DRIVE)
4	CENTRE LATHE MACHINE (GEAR DRIVE)
5	BENCH GRINDER
6	PIPE CUTTER M/C
7	SHAPER M/C
8	DRILLING (BENCH)
9	DRILLING (RADIAL)
10	UNIVERSAL MILLING M/C
11	SAND PERMABILITY TEST
12	SHIEVE SHAKER M/C
13	DIGITAL WEIGHTING M/C
14	POWER HACKSAW
15	UNIVERSAL BEVEL PROTECTOR
16	SLIP GAUGE SET
17	CALIPERS (DIGITAL, DIAL & MECHANICAL TYPE)
18	SINE BAR (150 & 300 MM)
19	VERNIER HEIGHT GAUGE
20	COMBINATION SET
21	MICROMETER (INSIDE AND OUTSIDE)
22	SURFACE PLATE
<b>CNC LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	CNC TRAINER T100 MACHINE
<b>CAD &amp; MAT LAB</b>	
<b>S.No</b>	<b>APPARATUS</b>
1	COMPUTER