

SL NO.	DEPARTMENT	NAME OF LABORATORY	NAME OF MAJOR EQUIPMENT	EXPERIMENTAL SETUP
1	MECHANICAL ENGG.	HEAT POWER & THERMAL LAB	4 STROKE PETROL ENGINE	TO MEASURE INDICATED POWER, BRAKE POWER AND MECHANICAL EFFICIENCY OF THE PETROL ENGINE
2			AIR COMPRESSOR	TO DETERMINE THE MECHANICAL EFFICIENCY
3			REFRIGERATOR	STUDY THE CONSTRUCTION FEATURES OF DOMESTIC REFRIGERATOR
4	MECHANICAL ENGG.	FM & HM LAB	HYDRAULIC BENCH	VERIFICATION OF BERNOULLIS THEOREM
5			VENTURI METER	DETERMINATION OF CD FROM VENTURI METER
6			ORIFICE METER	DETERMINATION OF CC, CD , CV
7			IMPULSE TURBINE	PERFORMANCETEST OF IMPULSE TURBINE & FIND OUT EFFICIENCY
8			FRANSIS TURBINE	PERFORMANCETEST OF FRANSIS TURBINE & FIND OUT EFFICIENCY
9			CENTRIFUGAL PUMP	PERFORMANCE TEST OF CENTRIFUGAL PUMP

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10	MECHANICAL ENGG.	ME LAB	TORTION TESTING MACHINE	DETERMINATION OF TORSIONAL RIGIDITY OF THE SHAFT USING TORTION TESTING MACHINE
11			IMPACT TESTING MACHINE	DETERMINATION OF TOUGHNESS USING IMPACT TESTING MACHINE
12			SEARLS APPARATUS	DETERMINATION OF YOUNGS MODULUS
13	MECHANICAL ENGG.	WELDING SHOP	ARC WELDING MACHINE	TO PREPARE LAP JOINT AND BUTT JOINT
14	MECHANICAL ENGG.	MACHINE SHOP	LATHE MACHINE	INTERNAL EXTERNAL THREADING, KNURLING, TAPERING, CHAMFERING, CENTERING
15			DRILLING MACHINE	JOB IN EVOLVING DRILLING & BORING
16			SHAPER MACHINE	PREPARATION OF V-BLOCK
17			MILLING MACHINE	PREPARATION OF SPUR GEAR
18			SLOTTER MACHINE	PREPARATION OF KEYWAY