Course Type	Course Code	Name of Course	L	T	P	Credit
DP	MMC204	THERMODYNAMICS AND FLUID MECHANICS LAB	0	0	2	2

Thermodynamics lab	
1	To Study the Construction and Operation of a 2-Stroke S.I. Engine Model.
2	To Study the Construction and Operation of a 4-Stroke C.I. Engine Model.
3	To Study the Construction and Operation of a 4-Stroke S.I. Engine Model.
4	To Study the Construction and Operation of Various Type of Boilers.
5	To Study the Performance Characteristics of a 4-Stroke Diesel Engine. (***Experimental***)
6	Performance Study of a Single Cylinder 4-Stroke Petrol Engine with DC Generator. (***Experimental***)
7	Determination of Calorific Value using Bomb Calorimeter. (***Experimental***)
8	To Verify the First Law of Thermodynamics for a Closed System using Joules Experiment. (***Experimental***)
9	Determination of dryness fraction of steam using Throttling and Separating Calorimeter. (***Experimental***)

Fluid Mechanics Lab	
10	Determination of coefficient of velocity, coefficient of contraction, and coefficient of discharge for an orifice
11	Determination of coefficient of discharge for a venturimeter
12	Verification of Bernoulli's theorem
13	Determination of frictional head loss for flow through pipe