Course Type	Course Code	Name of Course	L	T	P	Credit
DP	MMC205	SOLID MECHANICS AND THEORY OF MACHINES LAB	0	0	2	2

Solid Mechanics Lab	
1	To determine Tensile strength of Mild steel specimen
2	To determine compressive strength of Cast iron specimen
3	To determine stiffness of closed coiled helical spring
4	To determine BHN and VHN of given specimen
5	To determine Impact strength of Charpy and Izod Test

Theory of Machines Lab	
6	To study the damped free vibration of spring mass system
7	To study the free undamped vibration of spring mass system
8	To study the forced undamped vibration of spring mass system
9	To find out the coefficient of friction between sliding belt (rope) and a fixed pulley
10	To find out efficiency of a screw jack by raising & lowering conditions
11	To draw Characteristic curves for a Porter Governer