LAB NAME: Vibration Laboratory

Sl.No	EQUIPMENTS	CONFIGRATION / SPECIFICATIONS	QUANTITY
1.	Forced Vibration Apparatus	To study the forced vibration of the beam for different damping	02
2.	Compound Pendulum Apparatus	To determine the radius of gyration 'k' of a given compound pendulum.	02
3.	Trifilar Suspension Apparatus	To determine the radius of gyration of trifilar suspension.	02
4.	Bi-Filler Suspension Apparatus	To determine the radius of gyration of given bar using bi-filler suspension.	02
5.	The Dunker Lay's Rule Verification Set Up	To verify the dunker lay's rule.	02
6.	Pressure Profile Of Lubricating Conditions System	To study the pressure profile of lubricating conditions of load and speed.	02
7.	Torsional Vibration Of A Single Rotor Shaft System.	To determine the natural frequency of undamped torsional vibration of a single rotor shaft system.	02
8.	Torsional Vibration Of Two Rotor Shaft System.	To determine the natural frequency of undamped torsional vibration of two rotor shaft system.	02
9.	Free Vibration Of An Equivalent Spring Mass System.	To determine the frequency of undamped free vibration of an equivalent spring mass system.	02
10.	Damped Force Vibration Of A Spring Mass System	To determine the frequency of damped force vibration of a spring mass system.	02