

Course Number and Name													
BME5L3 - INSTRUMENTATION AND DYNAMICS LAB													
Course Objective													
To supplement the principles learnt in kinematics and Dynamics of Machinery To understand how certain measuring devices are used for dynamic testing.													
Prerequisites							Co-requisites						
Metrology and Instrumentation							Nil						
Course Outcomes (COs)													
CO1		Students will gain knowledge in kinematics and Dynamics of Machinery											
CO2		Students will understand how certain measuring devices are used for dynamic testing.											
CO3		Students will gain knowledge regarding various types of forces and reactions.											
CO4		Students will understand the concepts of vibration											
CO5		Students will learn balancing of rotors students learn how to use a tachometer											
CO6		Students gain hands on experience in the use of instruments											
Student Outcomes (SOs) from Criterion 3 covered by this Course													
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
	CO1	H											
	CO2		H										
	CO3									H			
	CO4										L		
	CO5				M							L	
	CO6							M					L