

Course Number and Name												
BME202 - ENGINEERING MECHANICS												
Credits and Contact Hours												
3 & 60												
Course Coordinator's Name												
Mr.D.Ravi												
Course objective												
<ul style="list-style-type: none"> To understand the concept of basic engineering mechanism 												
Prerequisites						Co-requisites						
Engineering Physics –I Engineering Mathematics I						Engineering Mathematics II						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Students will understand the concepts of engineering mechanics											
CO2	Students will understand the vectorial representation of forces and moments											
CO3	Students will gain knowledge regarding center of gravity and moment of inertia and apply them for practical problems.											
CO4	Students will gain knowledge regarding various types of forces and reactions and to draw free body diagram to quicker solutions for complicated problems.											
CO5	Student will gain knowledge in solving problems involving work and energy											
CO6	Student will gain knowledge on friction on equilibrium and its application.											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1	H	H	L	H		H		L		H	H
	CO2						H	H	L			
	CO3						H	H	L		M	
	CO4						H	H	L		M	
	CO5						H	H	L		M	
	CO6						H	H	L		M	