

Course Number and Name													
BME301 – KINEMATICS OF MACHINES													
Course Objective													
To understand the concept of machines, mechanisms and related terminologies. To analyse a mechanism for displacement, velocity and acceleration at any point in a moving link.													
Prerequisites							Co-requisites						
Engineering Mechanics							Nil						
Course Outcomes (COs)													
CO1	Upon completion of this course, the students can understand mechanism and its applications in various field of work												
CO2	Students will be able to draw velocity and acceleration diagrams graphically and analytically.												
CO3	Understand the analysis method for optimum design.												
CO4	Understand the importance of friction in machine elements.												
CO5	Understand control mechanism												
CO6	Study of gears and its applications												
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	H	H			H		L	H		M	M
	CO2						H		L			M	
	CO3						H		L			M	M
	CO4						H		L			M	M
	CO5						H		L			M	M
	CO6	H	H	H			H		L	H		M	M