

Course Number and Name													
BME601 - MACHINE DESIGN II													
Course Objective													
To gain knowledge on the principles and procedure for the design of power Transmission components. To understand the standard procedure available for Design of Transmission sip terms													
Prerequisites							Co-requisites						
MACHINE DESIGN I							Nil						
Course Outcomes (COs)													
CO1	Upon completion of this course, the students can able to successfully design components for a system												
CO2	Design gears												
CO3	Understand bearings and design												
CO4	Understand belt drives and chain drives												
CO5	Understand the principle behind design												
CO6	Learn calculation of speed reduction , kinematic and ray diagrams												
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	L					M	M		H	H	
CO2	H	H	L					M	M		H	H	
CO3	H	H						M	M		H	H	
CO4	H	M	L					M	M		H	H	
CO5	M	H	L					M	M		M	M	
CO6	M	H	L					M	M		M	M	