

Course Number and Name													
BME305 – MANUFACTURING TECHNOLOGY I													
Course Objective													
To understand the concept and basic mechanics of metal cutting, working of standard machine tools such as lathe, shaping and allied machines, milling, drilling and allied machines, grinding and allied machines and broaching													
Prerequisites							Co-requisites						
Basic Mechanical Engineering							Nil						
Course Outcomes (COs)													
CO1	Upon completion of this course, the students can able to learn different manufacturing process.												
CO2	Understand means of component production												
CO3	Students will be able to have hands on experience on machineries												
CO4	Understand metal working concepts												
CO5	Learn the theory of metal operations cutting												
CO6	Will know how to perform simple lathe												
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		H	H
	CO6	M	H	L					M	M		H	H