

Course Number and Name													
BME505 – MANUFACTURING TECHNOLOGY II													
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 To understand the basic concepts of non-traditional machining processes.													
Prerequisites							Co-requisites						
MANUFACTURING TECHNOLOGY -I							Nil						
Course Outcomes (COs)													
CO1	Upon completion of this course, the students will be able to understand and compare the functions and applications of different metal cutting tools.												
CO2	Learn programming languages using G-Codes and M-codes												
CO3	To demonstrate the programming in CNC machining												
CO4	Upon completion of this course, the students can able to apply the different metal removing ,finishing and super finishing and for component production												
CO5	Learn the basic concepts of NTM.												
CO6	Learn surface finishing techniques.												
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	M	H			L	L	L	L	L	L	H
	CO2	H	M	H			L	L	L	L			H
	CO3	H	M	M									
	CO4	H	M	H			L	L	L	L			
	CO5	H	M	H									H
	CO6	H	M	H			L	L	L	L			H