

Course Number and Name													
BME404 – ENGINEERING METROLOGY AND INSTRUMENTATION													
Course Objective													
To impart knowledge on the structure, properties, treatment, testing and applications of metals and non-metallic materials so as to identify and select suitable materials for various engineering applications.													
Prerequisites							Co-requisites						
Manufacturing Technology I							Nil						
Course Outcomes (COs)													
CO1	Upon completion of this course, the Students can demonstrate different measurement techniques												
CO2	Learn form measurement												
CO3	Use of different measuring methods in Industrial environment.												
CO4	Understand the application of sensors & transducers												
CO5	Student will know the advance measuring systems												
CO6	Understand principles of Laser												
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						L							
CO2		H							L				L
CO3				H									
CO4						H			M		M		
CO5									H		M		
CO6									M		H		