

<b>Course Number and Name</b>													
BME4L1 - METROLOGY & METALLURGY LAB													
<b>Course Objective</b>													
To make the students understand the concept of standardization and interchangeability													
To familiarize the students with metallographion structures of different materials.													
<b>Prerequisites</b>							<b>Co-requisites</b>						
Nil							Metrology						
<b>Course Outcomes (COs)</b>													
CO1	Students will understand the difference between accuracy and precision												
CO2	Students will be aware of different measuring equipments .												
CO3	Student will have hands on experience in handling a metallurgical microscope .												
CO4	Student will understand metallographic structures of different materials.												
CO5	Student will understand crystallographic structures of different materials.												
CO6	Students will learn to measure the profile of a gear.												
<b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>													
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l	
CO1	H								M				
CO2											H	L	
CO3									M				
CO4												L	
CO5													
CO6					H				M				