

Course Number and Name													
BME203 & Basic Mechanical Engineering													
Credits and Contact Hours													
2 & 30													
Course Coordinator's Name													
Mr.Saravana Kumar													
Course Description													
<ul style="list-style-type: none"> • The program educational objectives (PEOs) for the mechanical-engineering program are to educate graduates who will be ethical, productive, and contributing members of society. • The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context. • The ability to apply principles of engineering, basic science, and mathematics to design and realize physical systems, components, or processes 													
Prerequisites							Co-requisites						
+2 Level Maths& Physical Science							Nil						
required, elective, or selected elective (as per Table 5-1)													
Required													
Course Outcomes (COs)													
<p>Co1: an ability to apply knowledge of mathematics</p> <p>Co2: an ability to apply knowledge of science, and engineering</p> <p>Co3: ability to design and conduct experiments, as well as to analyze and interpret data.</p> <p>Co4: an ability to function on multi-disciplinary teams</p> <p>Co5: to provide basic knowledge of basic manufacturing process.</p> <p>Co6: an ability to identify, formulate, and solve engineering problems</p>													
Student Outcomes (SOs) from Criterion 3 covered by this Course													
COs/POs	a	b	c	d	e	f	g	h	i	j	k	l	
CO1	M	M	M	H	M		M			L	L	M	
CO2	H	M	M	H	H		M			L	L	M	
CO3	H	M		H	H		M			L	L	M	
CO4	H	M		H	H		M			L	L	M	
CO5	H	M	M	H	H		M			L	L	M	
CO6	H			H	H		M			L	L	M	