

Course Number and Name												
BEE007 & Bio-Medical Instrumentation												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Dr.S.Prakash												
Course Description												
Discuss the internal circuitry of medical instruments and its maintenance.												
Prerequisites						Co-requisites						
Biology For Engineers												
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Describe the physiology and anatomy of human system.												
CO2: Recognize the technical concepts and operation of medical instrumentation.												
CO3: With widespread use and requirements of medical instruments, this course gives knowledge of the principle of operation and design of biomedical instruments.												
CO4: It attempts to render a broad and modern account of biomedical instruments.												
CO5: It gives the introductory idea about human physiology system which is very important with respect to design consideration												
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	M	M	M		M		M			M	L	M
CO2	H		H		H						M	M
CO3	M			H	M		M					
CO4	H	M		H	M					M		
CO5		M	M		M					L	M	M