

Course Number and Name												
BEE022 & Fiber Optics and Laser Instrumentation												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Mr.Uma Mageshwaran												
Course Description												
To contribute to the knowledge of Fiber optics and Laser Instrumentation and its Industrial and Medical Application.												
Prerequisites						Co-requisites						
Control System						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: To expose the students to the basic concepts of optical fibers and their properties CO2: To provide adequate knowledge about the Industrial applications of optical fibers CO3: To expose the students to the Laser fundamentals CO4: To provide adequate knowledge about Industrial application of lasers. CO5: To provide adequate knowledge about holography and Medical applications of Lasers.												
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	H	M	M	H	M		M		H	L	L	M
CO2	H	M	M	H	H		M		H	L	L	M
CO3	H	M		H	H		M		H	L	L	M
CO4	H	M		H	H		M		H	L	L	M
CO5	H	M	M	H	H		M		H	L	L	M