

Course Number and Name												
BEI704 & Virtual Instrumentation												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Ms.Venkateswari												
Course Description												
Course Designed by – Dept. of Electronics & Instrumentation Engineering												
Prerequisites						Co-requisites						
Microprocessor & Microcontroller						Nil						
required, elective, or selected elective (as per Table 5-1)												
Required												
Course Outcomes (COs)												
CO1: Define virtual instrumentation concepts.												
CO2: Describe acquisition methodologies.												
CO3: Compare traditional and virtual instrumentation.												
CO4: Discuss operating systems required for virtual instrumentation.												
CO5: Illustrate implementation methods for instrumentation.												
CO6: Familiarize the basics and interfacing of VI												
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				H	M				M		
CO2	M	L	H				M	L				
CO3	M			H					H			H
CO4	M										M	
CO5		L										
CO6						H						