

Course Number and Name												
BEC015 - ASIC DESIGN												
Course Objectives												
<ul style="list-style-type: none"> <li>To acquire knowledge about different types of ASICs design.</li> <li>To study about various types of Programmable ASICs architectures and interconnects</li> </ul>												
Prerequisites						Co-requisites						
BEC302-Principles of Digital Electronics						Nil						
Course Outcomes (COs)												
CO1: Recognize need for programmable devices.												
CO2 : Describe architecture of programmable devices..												
CO3 : Explain programmable methodologies.												
CO4 : Recall IC fabrication techniques vis-à-vis CMOS switch.												
CO5: Relate design and implementation flow for PLDs.												
CO6 : low power design techniques and methodologies.												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	H		M		M	M	M	H	M		L	
CO2	M	L	H				H		L	H		
CO3	M	H	M				M	M	M		H	
CO4	M	H	H		M				M		M	
CO5		L			M	M	M		L		M	
CO6				M	M	H	M					