

Course Number and Name												
BEC016 - COGNITIVE RADIO												
Course Objectives												
<ul style="list-style-type: none"> Learn the design of the wireless networks based on the cognitive radios Understand the concepts of wireless networks and next generation networks. 												
Prerequisites						Co-requisites						
BEC601- Computer Communication and Networks						Nil						
Course Outcomes (COs)												
CO1: Describe the basics of the software defined radios.												
CO2 : To learn the hardware and software architecture of software defined radio												
CO3 : Design the wireless networks based on the cognitive radios.												
CO4 : Gives an understanding of cognitive radio architecture												
CO5: Explain the concepts behind the wireless networks and next generation networks												
CO6 : To have a better understanding of cognitive techniques												
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		H	M	H		
CO2	M	M	M		M		H					
CO3	M	H		M		M						H
CO4	M	H		L			M	M		M		
CO5		M	M		H	M		M	M			M
CO6				M	H	H			M			