

Course Number and Name												
BEC002 - Wireless Networks												
Course Objectives												
<ul style="list-style-type: none"> To study about Wireless networks, protocol stack and standards. To study about fundamentals of 3G Services, its protocols and applications. To study about evolution of 4G Networks, its architecture and applications 												
Prerequisites						Co-requisites						
BEC504- Communication Engineering-I, BMA504- Random process						BEC601- Computer Communication and networks						
Course Outcomes (COs)												
CO1: Conversant with the latest 3G/4G and Wi-MAX networks and its architecture.												
CO2: Design and implement wireless network environment for any application using latest wireless protocols and standards.												
CO3: Implement different type of applications for smart phones and mobile devices with latest network strategies												
CO4: Compare and contrast multiple division techniques, mobile communication systems, and existing wireless networks.												
CO5: Classify network protocols, ad hoc and sensor networks, wireless MANs, LANs and PANs												
CO6: Apply wireless ID technologies, in particular RFID work.												
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		
CO2	M	L	H					L				
CO3	M			M					H			
CO4	L				H		M				M	
CO5		M										
CO6						H						