

Course Number and Name												
BEC003 - SATELLITE COMMUNICATION												
Course Objectives												
<ul style="list-style-type: none"> To enable the student to become familiar with satellites and satellite services. Study of satellite orbits and launching. Study of earth segment and space segment components Study of satellite access by various users. 												
Prerequisites						Co-requisites						
BEC504- Communication Engineering I BEC604- Communication Engineering II						Nil						
Course Outcomes (COs)												
CO1: Define orbital mechanics and launch methodologies												
CO2 : Describe satellite subsystems												
CO3 : Design link power budget for satellites												
CO4 : Compare competitive satellite services												
CO5: Explain satellite access techniques												
CO6 : DTH and compression standards												
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					