

Course Number and Name												
BEC5L3 - COMMUNICATION ENGINEERING LABORATORY-I												
Course Objectives												
<ul style="list-style-type: none"> To practice the basic theories of analog communication system. To use computer simulation tools such as P-SPICE, or Matlab to carry out design experiments as it is a key analysis tool of engineering design. To give a specific design problem to the students, which after completion they will verify using the simulation software or hardware implementation. 												
Prerequisites						Co-requisites						
Nil						BEC504-COMMUNICATION ENGINEERING - I						
Course Outcomes (COs)												
CO1 To develop practical knowledge about theories of analog communication												
CO2 To develop practical knowledge about simulation software												
CO3 To provide hands-on experience to the students, so that they are able to apply theoretical concepts in practice.												
CO4 Demonstrate various pulse modulation techniques												
CO5 Evaluate analog modulated waveform in time /frequency domain and also find modulation index												
CO6 Develop understanding about performance of analog communication systems												
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		L	M		L	
CO2	M											
CO3	M	M	M	H						L		
CO4	M	M	M		H		M		H		H	
CO5		L	M					M				
CO6	M					H				H		