

Course Number and Name												
BEC6L3-COMMUNICATION ENGINEERING-II LAB												
Course Objectives												
<ul style="list-style-type: none"> To demonstrate digital communication concepts using hands-on experience and using simulation environments such as PSPICE /Multisim, or Matlab/Simulink, or LabVIEW. To use commercial, modular systems which have some distinct advantages over bread boarding to examine more complex communication topics and to deliver a hands-on laboratory experience. 												
Prerequisites						Co-requisites						
BEC5L3-Communication engineering-I Lab						BEC604-Communication Engineering-II						
Course Outcomes (COs)												
CO1: To understand linear time invariant system with random inputs, and optimum receiver for AWGN channel.												
CO2: To understand the Discrete channel models and its properties												
CO3: To understand the Continuous channel models and its properties												
CO4: Execute hardware implementation												
CO5: They will have knowledge of basic types of digital modulation (ASK, FSK, and PSK) from mathematical description												
CO6: Develop understanding about performance of digital 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		L	M		L	
CO2	M	L	H									
CO3	M			H						L		
CO4	M				H		M		H		H	
CO5		L						M				
CO6						H				H		