

Course Number and Name												
BEC4L1 - ELECTRONIC CIRCUIT DESIGN LAB												
Course Objectives												
<ul style="list-style-type: none"> To gain hands on experience in designing electronic circuits. To learn simulation software used in circuit design. To learn the fundamental principles of amplifier ,Oscillator and multivibrator circuits Construct waveform generation circuits 												
Prerequisites						Co-requisites						
BEC3L1-Electronics Devices and circuits Lab						BEC402-Electronic Circuits						
Course Outcomes (COs)												
CO1: Analyse the characteristics of amplifiers.												
CO2 : Analyse the characteristics of Oscillators.												
CO3 : Analyse the characteristics of Multivibrators.												
CO4 : Analyse the characteristics of tuned amplifiers.												
CO5: Analyse the frequency response of amplifiers using pSpice.												
CO6 : Model the design of electronic circuits using PSpice.												
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		H	H		M			M		
	CO2	H	M	H	H		M		M	M	L	
	CO3	M	M		H							
	CO4	M			H			M				
	CO5			M		H						
	CO6	L	H	H		H	H		M	M	M	