

Course Number and Name												
BEC4L2 - LINEAR INTEGRATED CIRCUITS LAB												
Course Objectives												
<ul style="list-style-type: none"> To apply operational amplifiers in linear and nonlinear applications. To acquire the basic knowledge of special function ICs. To use SPICE software for circuit design. 												
Prerequisites						Co-requisites						
BEE1L1-Basic Electrical &Electronics Engineering practices lab						BEC405-Linear Integrated circuits						
Course Outcomes (COs)												
CO1: Design and analyse the various linear application of op-amp.												
CO2 : Design and analyse the various non-linear application of op-amp.												
CO3 : Design and analyse filter circuits using op-amp												
CO4 : Design and analyse oscillators and multivibrator circuits using op-amp												
CO5: Design and analyse the various application of 555 timer.												
CO6 : Analyse the performance of oscillators and multivibrators 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		L			
	CO2	H		H	H					M	L	
	CO3	M	M	M	H	M			H	M	M	
	CO4	M		M	H					M		
	CO5	M		M	H					H		
	CO6	H	M	M	H	M				H	M	