

<b>Course Number and Name</b>												
BEE4L2 & Linear & Digital Integrated Circuits Laboratory												
<b>Credits and Contact Hours</b>												
2 & 45												
<b>Course Coordinator's Name</b>												
Dr.V.Jayalakshmi												
<b>Course Objectives</b>												
<ul style="list-style-type: none"> <li>Analyze and design various applications of Op-Amp</li> <li>Design and construct waveform generation circuits</li> <li>Design timer and analog and digital circuits using op amps.</li> <li>To design combinational logic circuits using digital IC's</li> </ul>												
<b>Prerequisites</b>						<b>Co-requisites</b>						
Nil						Linear Integrated Circuits						
required, elective, or selected elective (as per Table 5-1)												
Required												
<b>Course Outcomes (COs)</b>												
CO1: Ability to design the techniques of DC power supply suitable to electronic circuits												
CO2: Analyze the performance characteristics of linear ICs.												
CO3: Design amplifier, oscillator, signal conditioning circuits, combinational circuits and Sequential circuits for given requirement												
<b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	l
CO1	H	H			H	H		H	M		L	
CO2			H		H		L		L			M
CO3	H	H	H	M	H		L			L		