

Course Number and Name												
BEC6L2 - ELECTRONICS SYSTEM DESIGN LAB												
Course Objectives												
<ul style="list-style-type: none"> To understand the design procedure of different power supplies. To know to design transreceiver and voltage regulator. To understand the working of Microprocessor and DSP based system design 												
Prerequisites						Co-requisites						
BEC402-Electronics Circuits and BEC5L3-Communication engineering I Lab						BEI601-Control system						
Course Outcomes (COs)												
CO1: Design different forms of power supply.												
CO2: Design Voltage regulators												
CO3: AM/FM transreceiver.												
CO4: Know the design procedure of Instrumentation amplifier and Digital Indicator.												
CO5: Learn CAD based PCB layout design.												
CO6: Understand the working of modems and timers.												
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						
CO2	M	L	H				H	H	L	H		
CO3	M	H		H		M		L	M	M	H	
CO4	M	H		M	H			M	M			
CO5	M	M	M		H	M	M					
CO6	M			M		H				M	M	