

Course Number and Name												
BEC3L2 - DIGITAL ELECTRONICS LAB												
Course Objectives												
<ul style="list-style-type: none"> <li>To know the concepts of Combinational circuits.</li> <li>To understand the concepts of flipflops, registers and counters</li> </ul>												
Prerequisites						Co-requisites						
BEE1L1-Basic Electrical & Electronics Engineering practices Lab						BEC302-Principle of Digital Electronics						
Course Outcomes (COs)												
CO1	Learn the basics of gates.											
CO2	Construct basic combinational circuits and verify their functionalities											
CO3	Apply the design procedures to design basic sequential circuits											
CO4	Learn about counters											
CO5	Learn about Shift registers											
CO6	To understand the basic digital circuits and to verify their operation											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	M			H		M			M			
CO2	H		H	H			M			M		
CO3	H		H	H			M		M	M		
CO4	M	M	H	H	H							
CO5	M	L		H								
CO6	H	H	H	H		H			M			