

Course Number and Name												
BEC5L1 -DIGITAL SIGNAL PROCESSING LABORATORY												
Course Objectives												
<ul style="list-style-type: none"> <li>To implement Linear and Circular Convolution</li> <li>To implement FIR and IIR filters</li> <li>To study the architecture of DSP processor.</li> </ul>												
Prerequisites						Co-requisites						
BCS4L3-Object Oriented Programming & data Structures Lab						BEC505-Digital Signal Processing						
Course Outcomes (COs)												
CO1 Experiment concepts of DSP and its applications using MATLAB Software												
CO2 To understand about the basic signal generation												
CO3 To learn Fourier Transform Concepts												
CO4 To design FIR filters												
CO5 To design IIR filters.												
CO6 Demonstrate their abilities towards DSP processor based implementation of DSP systems												
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		M	H	M			M			
CO2	L		M		H		M					
CO3	M				H		M		M	M		
CO4	M	M	M		H		M		M	M		
CO5	M	M	M		H				M			
CO6	L			M						H		