

Digital Signal Processing Laboratory (0-0-3) Subject code: ECC304

SL No	Name of the Experiments	No of Week
1	Generation of discrete-time signals, convolution and difference equation	14 week
2	Sampling and reconstruction of signals	
3	Design and simulation of IIR filters	
4	Design and simulation of FIR filters	
5	Digital Filter Structures	
6	Computation of DFT and spectral analysis using DFT	
7	Multirate signal processing – up and down-sampling, approximation and detail using wavelets	
8	Real-time processing of signals using DSKs/FPGAs	
09	Mini project based on DSP.	
10	End Semester Lab Examination and Viva – Voce	