

Digital Signal Processing Lab
ECC-351

List Of Experiments

1. Write Program to compute N point DFT of a given sequence and to plot magnitude and phase spectrum.
2. To implement Circular Time shifting and time reversal property of DFT
3. To find linear convolution of two given sequences.
4. To find circular convolution of two given sequences
5. To perform linear convolution from circular convolution and vice versa
6. To design LP FIR filter using windowing techniques
7. To design HP FIR filter using windowing techniques
8. To design LP IIR Butterworth filter for given specifications
9. To design LP IIR Chebyshev type-1 filter for given specifications
11. To verify the decimation of a given sequence
12. To verify the interpolation of a given sequence