

K.D.K. COLLEGE OF ENGINEERING

Department of Electronics Engineering

B. E. Sixth Semester Electronics Engineering

Subject : Digital Signal Processing

Subject Code : BEENE602P

Duration : 2 Hr.

College Assessment : 25 Marks

University Assessment : 25 Marks

List of Experiments:

1. Introduction to MATLAB for the classification of DSP signal and system.
2. Write a MATLAB program to generate various standard Discrete Time Signals.
3. Write a MATLAB program to perform the signal manipulations.
4. Write a MATLAB program to perform the linear convolution of the two sequences.
5. Write a MATLAB program to compute the Circular convolution.
6. Write a MATLAB program to perform the Auto Correlation of the discrete time signal.
7. Write a MATLAB program to perform the Cross Correlation of the discrete time signal.
8. Write a MATLAB program to find the Z-transform, inverse Z-transform and plot the stability and Frequency response of the given function.
9. Write a MATLAB program to find DFT and IDFT of given sequence.
10. Write a MATLAB Program to Design and Implement IIR Filter.

Signature of the Lab Incharge

Signature of the Subject Teacher