**List of Experiment**

**Sub- Digital Signal and Image Processing Lab Sem- VII**

1. Construction of standard DT signals(Sine,Cosine,Unit Step, Unit Impulse, Ramp) and perform different operations ( addition ,subtraction , multiplication & Time scaling > 1 & Time scaling <1 ) on the signal
2. To perform Discrete Auto/Cross Correlation between two signals
3. To perform Discrete Convolution ( Linear and Circular)
4. To apply Discrete Fourier Transform on DT signal
5. To implement Image negative, Gray level Slicing and Thresholding
6. Implementation of Contrast Stretching ,Dynamic range compression & Bit plane Slicing
7. Implementation of Histogram Stretching
8. Implementation of Histogram Equalization
9. Implementation of Image smoothing/ Image sharpening
10. Implementation of Edge detection using Sobel and Prewitt masks

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