

Signal /Image Processing Laboratory

- **List of Experiments:**

1. **Image Processing**

1. Basic operations of image processing
2. Program for histogram & equalized histogram on given image
3. Image enhancement & suppression
4. Image thresholding
5. Program for edge detection using different operators for image
6. Program to insert noise in image

2. **Signal Processing**

1. Verification of sampling theorem
2. Computation of DFT
3. Circular convolution using DFT
4. Designing of FIR filter
5. Calculation of Z-transform
6. Obtain pole-zero plot
7. Verification of down sampling

- **List of software:**

1. SCILAB5.2.2
2. MATLAB 2012
3. MATLAB 7.3

