

DIGITAL SIGNALS AND IMAGE PROCESSING PRACTICAL LIST

IT DEPT- SEM 7

YEAR:2011-12

Experiment No	Topic	Title
1	Image Enhancement	Point Processing Techniques
2	Image Enhancement	Histogram Equalization
3	Image Enhancement	Low Pass Averaging Filter
4	Image Enhancement	Sharpening Filter
5	Image Segmentation	Edge detection: Roberts, Prewitts and Sobels operators
6	Image Enhancement	Image Subtraction
7	Morphological Processing	Dilation and Erosion
8	Morphological Processing	Boundary Extraction
9	Image Enhancement	Discrete Cosine Transform and Inverse
10	Image Enhancement	Discrete Fourier Transform and Inverse
11	DSP	Linear and Circular Convolution
12	Image Compression	Run Length Encoding Technique
13	Image Segmentation	Region Growing
14	Application	Digital Watermarking