Sr. No	Title of the Practicals	Date	Pg. No	Signature

1	**Basics of Image Processing**
	   a. Image Representation
	   b. Sampling (Spatial resolution). & Quantization (Intensity resolution).
		25/02/25	**1-7**	

2	**Mathematical tools for Image Processing**
	   a. Arithmetic operations on digital images
	   b. Discrete Cosine Transformation.
		20/02/25	**8-11**	

3	**Image Enhancement in Spatial Domain.**
	   a. Basic Intensity Transformation on images.
	   b. Histogram Processing.
	   c. Spatial Filtering- Smoothing (LPF) & Sharpening (HPF) Filters.
		03/03/25	**12-23**	

4	**Image Enhancement in Frequency Domain.**
	   a. Discrete Fourier transformation (DFT) & Inverse DiscreteFourier Transformation (IDFT).
	   b. Low Pass Filters- Ideal, Gaussian & Butterworth.
	   c. High Pass Filters- Ideal, Gaussian & Butterworth.
		04/03/25	**24-31**	

5	**Applications of Image Denoising Techniques.**
	   a. Image Deblurring Using Inverse Filters.
	   b. Image Deblurring Using Wiener Filters.
		10/03/25	**32-34**	

6	**Illustrations of various Segmentation Techniques.** a. Edge Detection using sobel, prewitt,canny & Laplacian Operators.	**11/03/25**	**35-36**	
7	**Applications of Morphological operations on Images.** a. Apply Erosion, Dilation, Opening and Closing operations on images.	**24/03/25**	**37-38**	