# IIVP Lab -7

**Do not use inbuilt function**                                    **Time: 1:30 Hr**

1. Apply alpha trimmed mean filter on image 1.jpg with salt & pepper image with a frequency of 25% and show the result
   a. Apply median filter on the output and show the result
   b. Apply mean filter on the output and show the result
2. Apply salt and pepper noise on image 1.jpg and then apply contra harmonic filter on it with
   a. Q = -1.5 and
   b. Q = 1.5 and show the results
3. Use adaptive mean filter and use 9x9, 7x7 and 3x3 filters and show the results on image 2.jpg with a salt and pepper noise with a frequency of 50%
4. Take aerial_periodic image and use appropriate filter to remove the noise of the image.