Digital Image Processing Lab

Department of Printing Engineering

Final Year Second Semester
Lab 6:
Image filtering in spatial domain
(Assessed number of days – 02)

Objectives

Understanding the basic of image filtering in spatial domain and applying filters to the images.

Topics under this lab

- Filter generation using fspecial
- Filter of user defined coefficients
- Applying filter to image

Assignments

Report – Submit a report on the overview described in the lab.
Perform the following programs

A13. Write a function/code that will apply Gaussian, Laplacian and 3 x 3 average filters to the images and show the results.

A14. Write a function/code that will apply ordered statistics filtering to the given image and show the output.