

**Department of Electronics & Communication Engineering
Faculty of Engineering, Integral University, Lucknow**

Assignment Sheet 3

Digital Image Processing (EC-024)

Due Date : **02-03-2014**

Problems : **5**

- Q1.** Draw the basic block diagram of the image restoration process and explain each block. Discuss the algebraic method for Image Restoration.
- Q2.** What do you mean by Image Segmentation? What are the different ways in which segmentation algorithms can be classified.
- Q3.** Explain technique of Thresholding for Segmentation.
- Q4.** Explain gradient based segmentation methods.
- Q5.** In how many ways you can structure the Segmented Image.