Department of Electronics & Communication Engineering

Faculty of Engineering, Integral University, Lucknow

Assignment Sheet -1

Digital Image Processing

Faculty :   Mohammad Arshad
Due Date:
Section: EC-1
Problems: 5
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1) What do you mean by image digitization?

2) Explain Scan-In and Scan-Out digitization technique in detail.

3) Explain the characteristic the image digitizer.

4) What is sampling explain two dimensional sampling theorem in detail.

5) What are the image processing software.Explain software development process in detail.

Do the Assignment on A-4 sheet only. Use both side of the page
After the last date of the submission, assignment will not be accepted and zero marks will be allotted to the student who fails to submit the assignment on due date.
For help student can take reference reading of the book Digital Image Processing by Kenneth R. Castleman/ PHI and Digital Image Processing by Gonzalez & P. Wint