Digital Image Processing

Syllabus

(This module introduces the student to the concepts of digital images. Topics in such course include: Image representation, model, attributes and resampling. Geometrical, spatial, and frequency transformation are given. Then the enhancement techniques by smoothing and sharpening in both spatial and frequency domains are also given. Later, an introductory about simple image compression methods is demonstrated. Laboratory programs will be used to reinforce the theoretical concepts discussed in lectures. The Lab. practical programs are collected in one project to be involved the implementation of simple final project.)

Reading List: