**Abstract**

Digital Image Processing is always an interesting field as it gives improved pictorial information for human interpretation & processing of image data for storage, transmission and representation for machine perception. Image processing is a technique to enhance raw images received from cameras/sensors placed on satellites, space probes and aircrafts or pictures taken in normal day-to-ay life for various applications. This field of image processing significantly improved in recent times and extended to various fields of science & technology. The Image Processing mainly deals with image acquisition, Image Enhancement, Image Segmentation, Feature Extraction, and Image Classification. A number of Image Processing techniques, in addition to enhancement techniques can be applied to improve the data usefulness. Techniques include convolution edge detection, mathematics, filters, trend removal & image analysis. The various image enhancements and image processing techniques will be discussed in this paper.