

A Review on Digital Image Processing

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Abstract: *Digital Image Processing (DIP) has changed how we see and use visual information. It offers smart ways to improve, analyse, and compress images. With the help of math and computer techniques, DIP has opened up new possibilities for visual data in areas like healthcare, aerospace, and industrial automation. The journey of DIP started in the 1920s, with important progress made in the 1960s and 1970s aimed at getting better images and faster processing. Nowadays, DIP is essential for things like medical imaging, satellite monitoring, security systems, and multimedia communication. This paper explores the basics, features, and uses of DIP, looking at how it has developed and what lies ahead.*

Keywords: RGB images, Deblurring techniques, Face recognition, Gabor filter