

Importance of Digital Image Processing in Modern Satellite Communication Technology

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Abstract: *In this paper we will discuss satellite communication using Digital Image Processing (DIP). We will also discuss satellite configuration and other things. A high resolution camera is used in the satellite to click the earth surface or urban areas. It can help in many sectors like traffic, disaster management, weather, communication etc. This kind of technique is known as satellite image processing. Nowadays Machine learning and artificial intelligence are trying to get more accurate output. In Satellite communication electromagnetic waves are used as carrier signals and these carrier signals can carry audio, video or voice between space or ground. These satellites also help in defense sectors.*

Keywords: Remote sensing, Electromagnetic waves, pixel, carrier, Machine Learning, Satellite Imagery.

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