

MESSAGE SECURITY USING CRYPTOGRAPHY AND LSB ALGORITHM OF STEGANOGRAPHY

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ABSTRACT

In this paper, a new approach of information security is discussed. In which, Cryptography and Steganography are used as integrated part along with newly developed enhanced security module. In Cryptography, AES algorithm is being used to encrypt a message, and in Steganography we are using LSB (Least significant Bit) method to hide the message in an image object. The proposed system is experimented on various scenarios in order to evaluate its performance. In all the cases, proposed system exhibits satisfactory results.

KEYWORDS: Cryptography, Steganography, Least Significant Bit, Advance Encryption Standard, Cipher Text, Plain Text, Stego Image, Cover Image