

Security is becoming more concern in this eternally changing world of global data communications for the safe and secure change of information. The encryption schemes convert plain text into unreadable form. In existing system the raster scan ,store and forward methods are used for key generation. In order to provide security, functions like ceaser cipher substitution method, column wise retrieval, nibble swapping are implemented. The limitations of the existing method can be overcome in the proposing method by applying the F-function for key generation and further mutation, bit flipping are implemented for providing better security.



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## Cryptographic Based Enhanced Encryption by F-Function & Bit Flipping



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