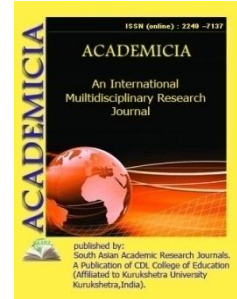




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A BRIEF STUDY ON CRYPTOGRAPHY

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ABSTRACT

Data security has become a top worry for everyone linked to the internet, as it has merged with our lives and grown at a breakneck pace over the past few decades. Data security guarantees that only the intended recipients have access to our information and prohibits any data modification or change. Various techniques and approaches have been developed to attain this degree of security. Cryptography is a set of methods for encrypting data using particular algorithms that render the data unreadable to the naked eye until decoded using preset procedures by the sender. In order to secure personal, financial, medical, and ecommerce data while maintaining a reasonable degree of privacy, cryptography will continue to be used in IT and business strategies. Cryptography is an ancient technology that is continuously being explored, with historical origins.

KEYWORDS: *Cryptography, Security, Algorithm, Cipher, Decryption, Data Security.*

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