

# A NOVEL CRYPTOGRAPHIC ARCHITECTURE

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## ABSTRACT

The goal of cryptography is to make it possible for two people to exchange a message in such a way that other people cannot understand the message. There is no end to the number of ways this can be done, but here we will be concerned with methods of altering the text in such a way that the recipient can undo the alteration and discover the original text. Today the modern cryptography is based on efficient algorithms for encryption that is used to provide better security. Asymmetric and Symmetric are nowadays are designed with some complex function or key generations concept to provide security service in better manner. But, still now there are some attacks are reported even on modern cryptographic algorithms. Hence, in this paper we are going to propose a Novel Cryptographic architecture that uses IDEA & BLOWFISH algorithm for encryption purposes and using of SHA-I for generating hash value for cipher text in order to provide a strong cryptographic architecture.

**KEYWORDS:** *Cryptographic architecture, hybrid approach, Block cipher, hashing algorithm*