



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Accredited by NBA & NAAC, an ISO 9001:2015 Certified Institution
Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project on
"Message encryption and decryption on Mobile
Phones"

Abstract:

During the last decades, information security has become a major issue. Encrypting and decrypting data have recently been widely investigated and developed because there is a demand for stronger encryption and decryption which is very hard to crack. Cryptography plays a major role in the fulfillment of these demands.

Many researchers have proposed many encryption and decryption algorithms such as AES, DES, RES, and others. But most of the proposed algorithms encountered some problems such as lack of robustness and a significant amount of time added to packet delay to maintain the security on the communication channel between the terminals.

In this paper, the security goals were enhanced via "A NEW Approach for complex Encrypting and Decrypting Data" which maintains the security on the communication channels by making it difficult for attacker to predicate a pattern as well as speed of the encryption /decryption scheme.

H/W and S/W Requirements:

- RAM:1GB, Hard disk: 10GB
- Pybase ,Operating System: Windows

*Dept R&D: NO

*If No: GNITS



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