**Minor project on Information security:-**

**Implementation of different cryptography algorithm**

**Requirement analysis:**

1. As in today’s world excessive information is being produced, some of them may be very crucial and important so in this situation there is a high chance of data theft.
2. Information security secure our data/information from data theft
3. There are many cryptography algorithm for information security like

AES, RSA, DES, TRIPLE DES, TWOFISH, BLOWFISH etc.

1. A software is being developed with all this algorithm, user can give the file as input and get a encrypted file or vice verse.
2. User had to give give already created file for encryption or decryption
3. After encryption of files user can store the encrypted files in in hardware storage devices (hard disk etc) or virtual storage devices (cloud storage) .

**Symmetric encryption and decryption:**

-AES:-

-DES:-

-TRIPLE DES:-

-TWOFISH:-

**Asymmetric Encryption and decryption:**

-RSA:-