A diagram of a process

Description automatically generated

FIGURE 2. The overview operation of the SHA-256 algorithm

A diagram of a block diagram

Description automatically generated

FIGURE 1. The generation of a SHA-256 hash value for a long message

A graph of a file size

Description automatically generated

Figure: 4.1  
File size v/s Encryption & Decryption Time for .txt files for  
Proposed Algorithm

A comparison of a graph

Description automatically generated

Figure 13. Comparison of computational cost of different ECC curves. (a) Computational cost  
(sec). (b) Computational cost (KB)

A graph of numbers and a number of binary code

Description automatically generated

Figure 3. Comparative encryption time of AES-128 and  
AES-256

A graph with numbers and a bar chart

Description automatically generated

Figure 4. Comparative decryption time of AES-128 and  
AES-256

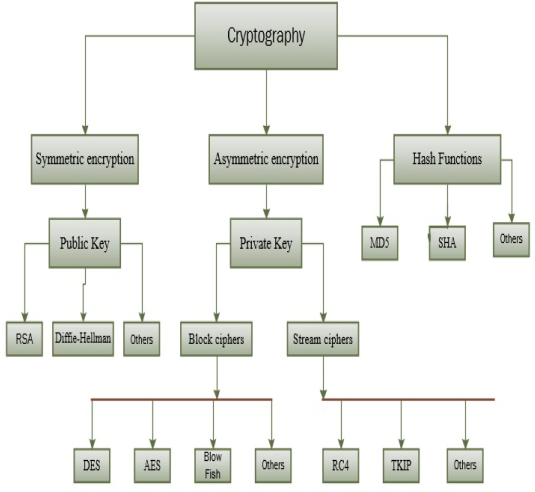


Figure 1 Types of Cryptography