Government Engineering College, Rajkot Department of Computer Engineering

B.E. VIIth Semester

Information and Network Security (2170709) Enrollment No. 170200107003

**I NDEX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR**  **No.** | **Title** | **Date** | **Page No.** | **Sign** |
| 1. | Implement Caesar cipher encryption-decryption. | 30/6/2020 | 1 |  |
| 2 | Implement Monoalphabetic cipher encryption-decryption | 7/7/2020 | 3 |  |
| 3 | Implement Playfair cipher encryption-decryption. | 14/7/2020 | 5 |  |
| 4 | Implement Polyalphabetic cipher encryption-decryption. | 21/7/2020 | 10 |  |
| 5 | Implement Hill cipher encryption-decryption. | 28/7/2020 | 13 |  |
| 6 | Implement Rail Fence Cipher. | 4/8/2020 | 16 |  |
| 7 | To implement Simple DES or AES. | 18/8/2020 | 19 |  |
| 8 | Implement Diffi-Hellmen Key exchange Method. | 25/8/2020 | 26 |  |
| 9 | Implement RSA encryption-decryption algorithm. | 1/9/2020 | 28 |  |
| 10 | Write a program to generate SHA-1 hash. | 8/9/2020 | 32 |  |
| 11 | Implement a digital signature algorithm. | 15/9/2020 | 33 |  |
| 12 | Perform various encryption-decryption techniques with cryptool. | 29/9/2020 | 34 |  |
| 13 | Study and use the Wireshark for the various network protocols. | 6/10/2020 | 38 |  |

**Lab In-charge Computer Engineering**