krunal dhavle

TyCS-713

**Information and Network Security**

Name : Krunal Dhavle

Class : TYCS

Roll No : 713

Subject : Information and Network Security

Teacher : Rasika Sawant Maam

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| **SR NO** | **DATE** | **PRACTICAL AIM** | **PG. NO** | **REMARK** |
| 1 | 21/08/2020 | WAP in Java to implement the following Substitution Cipher Techniques 1) Caesar cipher 2)Monoalphabetic Cipher | 1-6 |  |
| 2 | 02/09/2020 | Write program to implement the following Substitution Cipher Techniques a)Vernam Cipher b)Playfair Cipher. | 7-13 |  |
| 3 | 28/08/2020 | Write program to implement the following Transposition Cipher Techniques a)Rail Fence Cipher  b)Simple Columnar Technique | 14-19 |  |
| 4 | 11/09/2020 | Write program to encrypt and decrypt strings using  1) DES Algorithm 2) AES Algorithm | 20-23 |  |
| 5 | 29/09/2020 | Write a program to implement RSA algorithm to perform encryption / decryption of a given string. | 24-26 |  |
| 6 | 06/10/2020 | Write a program to implement the Diffie-Hellman Key Agreement algorithm to generate symmetric keys. | 27-31 |  |
| 7 | 23/10/2020 | Write a program to implement the MD5 algorithm compute the message digest. | 32 |  |
| 8 | 16/10/2020 | Write a program to calculate HMAC-SHA1 Signature | 33-34 |  |
| 9 | 07/11/2020 | Configure windows firewall to block 1) A port  2) An Program 3) A Website | 35-50 |  |