**CRYPTOGRAPHY & NETWORK SECURITY**

**Paper Code: ETIT-455**

**Paper: Cryptography & Network Security**

**List of Experiments:**

1. Write a program for encryption and decryption for Monoalphabetic cipher.
2. Write a program for Ceaser cipher a.
3. Write a program for Playfair matrix algorithm
4. Write a program for Vigenere Cipher (Polyalphabetic substitution).
5. Write a program for Rail fence Cipher
6. Write a program to implement Vernam Cipher.
7. Write a program to implement S-DES algorithm for data encryption
8. Write a program to implement RSA algorithm.
9. Write a program to implement Diffie Hellman algorithm.
10. Write a program to implement Hill Cipher algorithm.
11. Wite a program to implement the hash code using MD5.
12. Write a program to encrypt and decrypt with Knapsack Problem.