M.G.M's College of Engineering, Nanded

Department of Computer Science & Engineering

Academic Year 2019-20(EVEN Semester)

Class: BE(CSE)-I & II   **Sub: Cryptography & Network Security Lab**

List of Programming Assignments

1. Write a program to implement General Caesar cipher.

2. Write a program to implement Mono-alphabetic cipher.

3. Write a program to implement Vigenere cipher (Poly alphabetic cipher).

4. Write a program to find *multiplicative inverse modulo m* using Euclidean algorithm.

5. Write a program to implement Hill cipher.

6. Write a program to implement Transposition cipher.

7. Write a program to implement RSA encryption algorithm.

8. Write a program to implement Diffie-Hellman Key exchange algorithm.

9. Write a program to implement ElGamal encryption algorithm.

10. Study of digital certificate management in various web browsers.

Subject Incharge

Dr. M. Y. Joshi   BE(CSE)-II

Md. Aijaz Ahmed   BE(CSE)-II