

LIST OF EXPERIMENTS

CS703-CIS

- a) Caesar Cipher
- b) Playfair Cipher
- c) Hill Cipher
- d) Vigenere Cipher
- e) Rail fence – row & Column Transformation
- 2. Implement the MD5 algorithm.
- 3. Apply DES algorithm for practical applications.
- 4. Apply AES algorithm for practical applications
- 5. Implement RSA Algorithm using HTML and JavaScript
- 6. Implement the Diffie-Hellman Key Exchange algorithm for a given problem.
- 7. Calculate the message digest of a text using the SHA-1 algorithm
- 8. Implement the SIGNATURE SCHEME - Digital Signature Standard.
- 9. Demonstrate intrusion detection system (ids) using any tool eg. Snort or any other s/w.
- 10. Automated Attack and Penetration Tools Exploring N-Stalker, a Vulnerability Assessment Tool
- 11. Defeating Malware - Building Trojans, Rootkit Hunter
- 11. Implement the following SUBSTITUTION & TRANSPOSITION TECHNIQUES concepts