

### Suggested Micro-Project Topics for NIS

- Implement Ceasar cipher using any programming language
- Implement Simple Columnar Transposition technique using any programming language
- Using JCRYPT tool demonstrate Asymmetric, Symmetric Crypto algorithm
- Create and verify Digital Signature using tool
- Create and verify Digital Certificate using tool
- Use steganography to encode and decode the message (either audio/video file)
- Demonstrate Intrusion Detection System (IDS) using any tool. eg. SNORT
- Setup a HONEYPOT and monitor it on network using any tool eg. KF sensor