**Anjuman-I-Islam’s**

**M.H. Saboo Siddik College of Engineering**

**Department Of Information Technology**

NAME: ROLL NO: BATCH :

COURSE NAME: SECURITY LAB COURSE CODE: ITL502 FACULTY: PROF. FARIDA ATTAR

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| **SR. NO.** | **EXPERIMENT LIST** | **LO’s** | **DOP** | **DOS** | **MARKS OBTAINED (15)** | **SIGN** |
| 1 | Breaking the Mono-alphabetic Substitution Cipher using  Frequency analysis method. | LO1 |  |  |  |  |
| 2 | Poly alphabetic Substitution Cipher using Playfair, vigenere technique | LO1 |  |  |  |  |
| 3 | Study of any Two network reconnaissance tools. | LO3 |  |  |  |  |
| 4 | Study of packet sniffer tool wireshark | LO3 |  |  |  |  |
| 5 | Study of nmap tool | LO4 |  |  |  |  |
| 6 | Encrypt messages using various modes of operation using  AES or DES | LO2 |  |  |  |  |
| 7 | Cryptographic Hash Functions and Applications (HMAC | LO2 |  |  |  |  |
| 8 | Implementation and analysis of RSA cryptosystem and Digital  signature scheme using RSA. | LO2 |  |  |  |  |
| 9 | Keylogger attack using a keylogger tool. | LO5 |  |  |  |  |
| 10 | Set up Snort and study the logs | LO6 |  |  |  |  |
| **SR. NO.** | **ASSIGNMENT TITLE** | **DOS** | **ASSESSMENT MARKS (5)** | **SIGN** |
| 01 | Use the NESSUS/ISO Kali Linux tool to scan the network for vulnerabilities. |  |  |  |
| 02 | Explore the GPG tool to implement email security |  |  |  |

NAME & SIGN OF COURSE INCHARGE :