

Assignment-1

- 1] Explain OSI Security Architecture
- 2] Describe Network Security Model in Detail.

Assignment-2

- 1] Explain any 2 substitution technique with an example.
- 2] Describe advance encryption standard.

Assignment-3

- 1] For $a=161$ and $b=42$, Calculate $\gcd(a,b)$ and also the values of x and y to satisfy the extended ~~ext~~ euclidean algorithm.
- 2] Given two Prime Number $P=17$ and $Q=29$ find out N, E and D in RSA encryption process.

Assignment-4

- 1] Explain MD5 algorithm in detail.
- 2] Give difference between PGP and S/MIME.

Assignment-5

- 1] Give need of Firewall and ~~the~~ What are Firewall characteristics and access policy.
- 2] OCW Assignment
Refer Given IEEE paper to ^{do a case} study on ~~also~~ Network-based Intrusion Detection System (NIDS)

Assignment - 6

- 1] Give classification of cyber crimes.
- 2] Write short note on phishing, password cracking and key loggers.