**Cryptography and Network Security**

**UNIT-2**

**ASSIGNMENT QUESTIONS**

1. Differentiate between (a) block cipher and stream cipher (b) Confusion and diffusion. (c) Substitution and permutation.
2. Explain with a block diagram the feistel structure of encryption and decryption.
3. Explain the DES algorithm in detail with a neat diagram.
4. Explain the double and triple DES in detail.
5. Explain block cipher design principles.
6. Explain AES algorithm in detail with neat diagram.
7. Explain RC4 method.
8. Explain any block cipher modes of operations.