** V I T**

**U N I V E R S I T Y**

(Estd. u/s 3 of UGC Act 1956)

Vellore - 632 014, Tamil Nadu, India

School of Information Technology & Engineering

B.Tech – Information Technology

**ITE320 Network and Information Security**

***ASSIGNMENT ASSESSMENT SCHEME***

1. Algorithms**(3 Marks)**
2. Logic/design elements used in the algorithm**(3 Marks)**
3. Cryptanalysis of Algorithm **(7 Marks - one mark for each of the following)**
   1. Strength of the algorithm
   2. Weakness of the algorithm
   3. Attacks possible
   4. Attacks impossible
   5. Benefits
   6. Drawbacks
   7. Computational power and other resources required
   8. Limitations of the system, Research issues and research gaps identified, features\properties\functionalities missing
4. Applications **(1 Mark)**
5. Suggestions/proposal for Extension/Enhancement/Improvement/Modification of this Cryptosystem **(2 Marks)**
6. Program: C/C++/Java code **(7 Marks)**
7. Sample input and Output **(2 Marks)**
8. References