



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Winter Semester 2024-25

Digital Assessment – 2

SLOT: L53+L54

Programme Name & Branch: B.Tech & SCOPE

Course Name & code: Cryptography and Network Security Lab - BCSE309P

Class Numbers: VL2024250504976

Faculty Name: Dr. A.Suresh

Maximum Marks: 10

Due Date: 13-Feb-2025

General Instruction(s):

- Student name and reg number should be written in the assignment.
- The students are requested to follow the below questions and submit their answers. 1. Handwritten format 2. Work with the Programming Language, take screen shots, and create a PDF
- Final One document in PDF format should be uploaded by the students.
- The student should submit the Assessment on or before the due date.

ASSIGNMENT NUMBER 2: CNS LAB

- 1. Write the difference between Symmetric and Asymmetric cryptography**
- 2. Write a Program to find DES encryption using 8 bit plaintext and 10 bit key with single round. (Take all predefined Table from book/class notes)**
- 3. Write a Program to find AES encryption using 16 bit plaintext and 16 bit key with single round. (Take all predefined Table from book/class notes)**
- 4. Write a Program to implement RC4 algorithm.**