



SRI VASAVI ENGINEERING COLLEGE(Autonomous)

PEDATADEPALLI, TADEPALLIGUDEM-534 101

Department of Computer Science & Engineering(Accredited by NBA)

ASSIGNMENT QUESTIONS AND THEIR MAPPING WITH COURSE OUTCOMES

ACADEMIC YEAR: 2022-23

SEM: VI

COURSE NAME: Cryptography and Network Security **COURSE CODE:** V20CSTPE08

BRANCH: CSE

SECTIONS:A, B, C & D

Assignment -I

S. No	Assignment Questions	Knowledge Level	Mapped COs
1	Illustrate Fermat's theorem proof with an example.	K2	CO1
2	Illustrate Diffie-Hellman scheme with a common prime $q=11$ and a primitive root $\alpha = 2$ 1.If User A has public key $Y_A=9$,What is A's private key X_A ? 2.If User B has public key $Y_B=3$,What is the shared key K?	K2	CO2
3	Discuss SHA-512 in detail.	K2	CO3

Course Coordinator

Module Coordinator

Head of the Department

Vision: To evolve as a centre of academic and research excellence in the area of Computer Science and Engineering.

Mission: To utilize innovative learning methods for academic improvement.

To encourage higher studies and research to meet the futuristic requirements of Computer Science and Engineering.

To inculcate Ethics and Human values for developing students with good character.



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Assignment -II

S. No	Assignment Questions	Knowledge Level	Mapped COs
1	Discuss in detail about HMAC.	K2	CO3
2	Demonstrate PGP and S/MIME.	K3	CO4
3	Discuss the two security protocols(AH,ESP) in detail.	K2	CO5

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