

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Name of the Subject : Cryptography and Network Security

Subject Code : CS603PC

Year/Sem : III-II

Regulation : R16

<b>CO1</b>	Understand and apply the cryptographic algorithms to safeguard from intruders
<b>CO2</b>	Compare and contrast symmetric and asymmetric encryption systems and their vulnerability to attack
<b>CO3</b>	Implement the various key distribution, management and message authentication schemes to send the messages with security
<b>CO4</b>	Identify information system requirements for Transport level, wireless network, E-Mail and IP
<b>CO5</b>	Design a network security system by implementing all the concepts of encryption and decryption algorithms

**Mapping Matrix of CO's and PO's:**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	P11	P12	PSO1	PSO2
<b>CO1</b>	X	X	X	X	X	X						X	X	
<b>CO2</b>	X	X	X	X	X	X						X	X	
<b>CO3</b>	X	X	X	X	X	X							X	
<b>CO4</b>	X	X	X	X	X	X						X	X	
<b>CO5</b>	X	X	X	X	X	X			X			X	X	X

Course  
Coordinator

Program  
Coordinator

HOD