



<b>Module-5</b>	<b>10 hours</b>
Domain keys Identified Mail. IP Security: IP Security overview, IP Security Policy, Encapsulating Security Payload, Combining security associations, Internet key exchange	
<b>TextBooks:</b>	
William Stallings, “Cryptography and Network Security”, Pearson Publication, Seventh Edition.	
<b>Reference Books:</b>	
<ol style="list-style-type: none"> <li>1. Keith M Martin, “Everyday Cryptography”, Oxford University Press</li> <li>2. V.K Pachghare, “Cryptography and Network Security”, PHI, 2nd Edition</li> </ol>	
<b>Course outcomes:</b> The students should be able to:	
CO1: Explain the basic concepts of Cryptography and Security aspects	
CO2: Apply different Cryptographic Algorithms for different applications	
CO3: Analyze different methods for authentication and access control.	
CO4: Describe key management, key distribution and Certificates.	
CO5: Explain about Electronic mail and IP Security.	
<b>Continuous Internal Evaluation:</b> For the Assignment component of the CIE, there are 25 marks and for the Internal Assessment Test component, there are 25 marks.	

### The Correlation of Course Outcomes (CO's) and Program Outcomes (PO's)

[illegible]

**The Correlation of Program Specific Outcome's (PS0's) and Course Outcome (CO's)**

<b>Subject Code: BCS703</b>		<b>Title: CRYPTOGRAPHY &amp; NETWORK SECURITY</b>		
<b>List of Course Outcome's</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>Total</b>
<b>CO-1</b>	-	-	-	
<b>CO-2</b>	-	2	-	<b>2</b>
<b>CO-3</b>	-	2	-	<b>2</b>
<b>CO-4</b>	-	-	-	
<b>CO-5</b>	-	-	-	
<b>Total</b>	-	<b>4</b>	-	<b>4</b>

**Note:** 3 = Strong Contribution    2 = Average Contribution    1= Weak Contribution    - = No Contribution