




Department of Electronics and Communication Engineering
Innovative Teaching Methods

Activity Title	Role Play
Faculty Name/Department	Mrs. M.A. Aysha Sufreen / IT
Mapped Course Name & Code	EC 3401 Networks and Security
Date	11.04.23
Benefitted Students (Year / Sem / Dept)	III/V/ECE
Topic	Rivest Shamir Adleman Algorithm
Description	<p>Role play exercises give students the opportunity to assume the role of a process or concept. These roles can be performed by individual students, in pairs, or in groups help to understand engineering concepts.</p> <p>In the above activity students from A batch Encrypted the message and students from B batch Decrypted the message to perform the process of securing the message for sending sender to receiver. Using both Public and Private to encrypt and Decrypt the message.</p>
Course Outcomes (CO)	CO3: Explain the Process of Encryption and Decryption using RSA Algorithm.
Performance Indicator (PI)	1.4.1
Mail ID (for review)	cse.ayshasufreen@msajce-edu.in
Activity Photos	

Topics/ Questions:

1. Public key and Private of Sender A.
2. Public key and Private of Receiver B.

Marks:

Group Name	Reg. No.	Topic	Marks		Total (20)
			Presentation (10)	Subject Knowledge (10)	
A	Roll no: 1-11	Using Public key and Private of Sender A Encryption.	10	9	19
B	Roll no: 12-22	Using Public key and Private of Receiver B Decryption.	10	9	19

Outcome:

1. Better understanding of Key Generation.
2. Better understanding of Encryption and Decryption .