



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING - CYBER SECURITY

Lesson Plan & Work-done Diary for AY: 2025-26, Even Semester

Course with Code: Network Security Lab -BCYL606				Faculty: Mrs. Suhasini			Semester & Section: 6 th	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
EXPERIMENTS								
1.		Implement RSA Algorithm	Execute	1.				
2.		Implement Caesar Cipher substitution method	Execute	2.				
3.		Implement Mono alphabetic cipher	Execute	3.				
4.		Implement Poly alphabetic Cipher	Execute	4.				
5.		Encrypt the given text using Play fair Cipher	Execute	5.				
6.		Implement Encryption and Decryption techniques in Hill Cipher	Execute	6.				
7.		Single and Double Transposition techniques	Execute	7.				
8.		Simple DES/DES Algorithm	Execute	8.				



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LAB EXPERIMENTS								
9		Pseudo random numbers using Linear Congruential method	Execute	9				
10		Generate Pseudo random numbers using Blum Blum Shub Generator	Execute	10				
11		Diffie Hellman Key exchange Algorithm	Execute	11				
12		Implement Fermat's and Euler's Theorem	Execute	12				



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	Activity	Planned	Actual	Remarks
1	Practical Classes	12		
2	Assignments/ Quizzes/ Self-study	-		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	2		
5	ICT based Teaching (% of usage in Curriculum)	100		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	