

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING - CYBER SECURITY

Course with Code: Advanced Cyber Security Lab BCYL504				Faculty: Dr Pavithra M S		Semester & Section: V		
Lab No.	Date Planned (DD/MM)	Topics to be covered	TLP Planned	Lab No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
Lab Exercises								
1.		Introduction						
2.		Password Cracking	Execution					
3.		Cross-Site Scripting (XSS)	Execution					
4.		Insecure Direct Object References (IDOR)	Execution					
5.		- File Upload Vulnerabilities - Command Injection	Execution					
6.		Man-in-the-Middle (MITM) Attack	Execution					
7.		Privilege Escalation	Execution					
8.		Buffer Overflow Exploitation	Execution					
9.		XML External Entity (XXE) Injection	Execution					
10.		Session Hijacking and Fixation	Execution					

11.		Digital Forensics	Execution					
12.		Acquisition of Mobile Data	Execution					
13.		LAB IA	Conduction					

	Activity	Planned	Actual	Remarks
1	Practical Classes	13		
2	Assignments/ Quizzes/ Self-study	-		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	01		
5	ICT based Teaching (% of usage in Curriculum)	100%		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	



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