

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING - CYBER SECURITY

Course with Code: VULNERABILITY ASSESSMENT AND PENETRATION TESTING -BCY701				Faculty: Dr Pavithra M S		Semester & Section: 7th		
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.		Monitoring Network Traffic	Execution					
3.		Host & Services Discovery using Nmap	Execution					
4.		Vulnerability Scanning using OpenVAS	Execution					
5.		Internal Penetration Testing	Execution					
6.		External Penetration Testing	Execution					
7.		Different Types of Vulnerability Scanning	Execution					
8		Vulnerability Scanning with Nessus	Execution					
9		Web Application Assessment with Nikto & Burp Suite	Execution					
10		LAB IA	Conduction					

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	Activity	Planned	Actual	Remarks
1	Practical Classes	10		
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:	