



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING - CYBER SECURITY

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

Course with Code: ETHICAL HACKING – BCY702					Faculty: Mr. Chetan G		Semester & Section: 7 th	
Module	Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Date of Conduct ion (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
MODULE-1	1		Hacking Impacts, The Hacker	Power Point Presentation (PPT) With projection				
	2		Planning the test, Sound Operations, Reconnaissance					
	3		Enumeration, Vulnerability Analysis					
	4		Exploitation, Final Analysis					
	5		Deliverable, Integration.					
	6		The Process of Information Security					
	7		Component Parts of Information Security Program					
	8		Risk Analysis and Ethical Hacking.					





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MODULE-2	9		Business Objectives, Security Policy	Power Point Presentation (PPT) With projection				
	10		Previous Test Results, Business Challenges.					
	11		Inherent Limitations, Imposed Limitations					
	12		timing is Everything, Attack Type, Source Point					
	13		Required Knowledge, Multi-Phased Attacks					
	14		Teaming and Attack Structure, Engagement Planner					
	15		The Right Security Consultant, The Tester					
	16		Logistics, Intermediates, Law Enforcement.					





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MODULE-3	17		Technical Preparation	Power Point Presentation (PPT) With projection				
	18		Technical Preparation - Attacking Network					
	19		Managing the Engagement.					
	20		Social Engineering					
	21		Social Engineering - Prowling and Surfing					
	22		Physical Security					
	23		Internet Reconnaissance					
	24		Internet Reconnaissance - Technical Reconnaissance					





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MODULE-4	25		Enumeration Techniques, Soft Objective.	Power Point Presentation (PPT) With projection				
	26		Looking Around or Attack, Elements of Enumeration.					
	27		Preparing for the Next Phase, Intuitive Testing,					
	28		Evasion, Threads and Groups.					
	29		Operating Systems, Password Crackers					
	30		Rootkits, Applications, Wardialing					
	31		Network, Services and Areas of Concern					
	32		Services and Areas of Concern - Simple Network Management Protocol					





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MODULE-5	33		The Deliverable	Power Point Presentation (PPT) With projection				
	34		The Document, Overall Structure					
	35		Aligning Findings					
	36		Presentation.					
	37		Integrating the Results, Integration Summary, Mitigation					
	38		Defense Planning					
	39		Incident Management					
	40		Security Policy.					



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	Activity	Planned	Actual	Remarks
1	Theory Classes	40		
2	Assignments/Quizzes/ Self study	3/5		
3	Tutorials/ Extra classes	0		
4	Internal Assessments	3		
5	ICT based Teaching (% of usage in Curriculum)	100%		
Planning			Execution	
Faculty Signature: Mr. Chetan G			Faculty Signature: Mr. Chetan G	
HOD Signature:			HOD Signature:	

