PEOPLE'S UNIVERSITY
(Established Under MP Act 17 of 2007)

Course Outcomes	Department -	Cyber Security
Course Title:	Advanced Operating System & Linux	
Course Code:	MTCY - 101	
Program:	M Tech (CY)	Semester - I
Credits:	T- 4 P-0	Total- 4
Course Outcome		
1	To learn the fundamentals of Operating Systems.	
2	To learn the mechanisms of OS to handle processes and threads and their communication	
3	To learn the mechanisms involved in memory management in contemporary OS	
4	To know the components and management aspects of concurrency management	
5	To learn programmatically to implement simple OS mechanisms	

Course Outcomes	Department -	Cyber Security
Course Title:	Advanced Data Structures And Algorithms	
Course Code:	MTCY- 102	
Program:	M Tech (CY)	Semester -I
Credits:	T-4 P-0	Total-4
Course Outcome		
1	Understand the concept of Dynamic memory	
2	Understand basic data structures such as arrays, linked	
3	Describe the hash function and concepts of collision andits resolution methods	
4	Solve problem involving graphs, trees and heaps	
5	Apply Algorithm for solving problems like sorting,searching, insertion and deletion of data	

Course Outcomes	Department -	Cyber Security
Course Title:	Advanced Computer Network	
Course Code:	MTCY - 103	
Program:	M Tech (CY)	Semester -I
Credits:	T-4 P-0	Total -4
Course Outcome		
1	To master the terminology and concepts of the OSI reference model and the TCP-IPreference model.	
2	To master the concepts of protocols, network interfaces	
3	To be familiar with wireless networking concepts	
4	To be familiar with contemporary issues in networking technologies	
5	To be familiar with network tools and network programming	

Course Outcomes	Department -	Cyber Security
Course Title:	Secure Software Engineering	
Course Code:	MTCY- 104	
Program:	M Tech (CY)	Semester - I
Credits:	T- 4 P-0	Total- 4
Course Outcome		
1	Use a variety of scripting tools and languages to automate routine tasks	
2	Install, configure, troubleshoot, maintain, and upgrade	
3	Follow, monitor, and document data storage procedures designed	
4	Provide efficient and effective technical support to clients in a manner	
5	Apply knowledge of security issues to the implementation	

Course Outcomes	Department -	Cyber Security
Course Title:	Advance Digital Computer Organization	
Course Code:	MTCY- 105	
Program:	M Tech (CY)	Semester -I
Credits:	T-4 P-0	Total-4
Course Outcome		
1	Master the binary and hexadecimal number systems including computer arithmetic	
2	Be familiar with the history and development of modern computers	
3	Be familiar with the Von Neumann architecture	
4	Be familiar with the cache subsystem	
5	Be familiar with assembly language programming	

Course Outcomes	Department -	Cyber Security
Course Title:	LAB-1	
Course Code:	MTCY - 106	
Program:	M Tech (CY)	Semester -I
Credits:	T-0 P-6	Total -6
Course Outcome		
1	Study of Compiler and its Phases	
2	Implementation of Machine Op- code table using Two pass Assembler	
3	Study of Lexical Analyzer	
4	Implementation of FIFO, LRU and Optimal Page Replacement Algorithms	
5	Implementation of Banker's Algorithm	

Course Outcomes	Department -	Cyber Security
Course Title:	LAB-II	
Course Code:	MTCY - 107	
Program:	M Tech (CY)	Semester -I
Credits:	T-0 P-6	Total -6
Course Outcome		
1	Study of different types of Network cables	
2	Study of Network IP	
3	Study of TCP/UDP Performance	
4	Study the working of BGP and formation of BGP Routing table.	
5	Study of Network Devices in Details	