



**Scheme of Examination - FIFTH SEMESTER**

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	22CS501T	Theory of Computation	3	1	-	4	30	70	100
2	22CS502T	Security Policy and Implementation	3	1	-	4	30	70	100
3	22CS503T	Network Vulnerability Analysis and Penetration Testing	3	-	-	3	30	70	100
4	22CS503P	Network Vulnerability Analysis and Penetration Testing Lab	-	-	2	1	25	25	50
5	22CS504T	Professional Elective- I	3	-	-	3	30	70	100
6	22CS561O	Open Elective -I	3	-	-	3	30	70	100
7	22CS505P	Computer Lab -III	-	-	2	1	25	25	50
8	22AS501T	Economics and Management	3	-	-	3	30	70	100
9	22CS506P	Technical Skill Development-II	-	-	2	1	50	-	50
10	22CS507T	Career Development-III	2	-	-	0	Audit		
<b>Total</b>			<b>20</b>	<b>2</b>	<b>6</b>	<b>23</b>	<b>280</b>	<b>470</b>	<b>750</b>

22CS504T	Professional Elective - I	22CS561O	Open Elective - I
22CS504T(i)	PE-I Introduction to Cloud Security	22CS561O (i)	OE-I Basics of Ethical Hacking
22CS504T(ii)	PE-I Security Strategies in Windows & Linux	22CS561O (ii)	OE-I Security in IOT
22CS504T(iii)	PE-I IOT and Security	22CS561O (iii)	OE-I Fundamentals of Cryptography

		July 2024	1	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



**Scheme of Examination - SIXTH SEMESTER**

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		Total
			L	T	P		Continual Assessment	ESE Exam	
1	22CS601T	Design Analysis and Algorithms	3	-	-	3	30	70	100
2	22CS601P	Design Analysis and Algorithms Lab	-	-	2	1	25	25	50
3	22CS602T	Software Engineering	3	-	-	3	30	70	100
4	22CS603T	Foundations of Blockchain	3	-	-	3	25	25	50
5	22CS603P	Cyber Security Lab	-	-	2	1	25	25	50
6	22CS604T	Professional Elective -II	3	-	-	3	30	70	100
7	22CS661O	Open Elective -II	3	-	-	3	30	70	100
8	22H104	Foundational Humanities Elective	2	-	-	-	Audit		
9	22AS502T	English for Engineers	2	-	-	2	15	35	50
10	22CS605P	Project - I	-	-	2	1	50	50	100
11	22CS606T	Career Development - IV	2	-	-	0	Audit		
12	22CS607P	Capstone Course - I*	-	-	2	1	50	-	50
<b>Total</b>			<b>21</b>	<b>0</b>	<b>8</b>	<b>21</b>	<b>310</b>	<b>440</b>	<b>750</b>

22CS604T	Professional Elective - II
22CS604T (i)	PE-II Intrusion Detection and Prevention System
22CS604T (ii)	PE-II Security Strategies in Windows and Linux
22CS604T (iii)	PE-II Security Policy & Implementation

22CS661O	Open Elective - II
22CS661O (i)	OE-II Intrusion Detection and Prevention System
22CS661O (ii)	OE-II Security Strategies in Windows and Linux
22CS661O (iii)	OE-II Security Policy & Implementation

22H104	Foundational Humanities Elective
22H104(i)	Development of Societies
22H104(ii)	Philosophy

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