

----- Program Structure -----

M.Sc. (Cyber Security) SEMESTER I										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
P24/CS1MCT1	Major Core	Mobile Applications & Services	5	-	40	60	100	4	-	4
P24/CS1MCT2		Intrusion Detection & Prevention System	5	-	40	60	100	4	-	4
P24/CS1MCT3		Digital Image Processing	3	-	20	30	50	2	-	2
P24/CS1MCP1		Lab course on Mobile Applications & Services	-	4	20	30	50	-	2	2
P24/CS1MCP2		Lab course on Intrusion Detection & Prevention System	-	4	20	30	50	-	2	2
P24/CS1META	Major Elective	Wireless Security	3	-	20	30	50	2	-	2
P24/CS1MEPA		Lab course on Wireless Security	-	4	20	30	50	-	2	2
OR		OR								
P24/CS1METB		Digital Payments & Security	3	-	20	30	50	2	-	2
P24/CS1MEPB		Lab course on Digital Payments & Security	-	4	20	30	50	-	2	2
P24/CS1MNT1	RM	Research Methodology	4	-	40	60	100	4	-	4
Total			20	12	220	330	550	16	6	22

M.Sc. (Cyber Security) SEMESTER II										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
P24/CS2MCT1	Major Core	Malware Analysis	5	-	40	60	100	4	-	4
P24/CS2MCT2		Incident Handling	5	-	40	60	100	4	-	4
P24/CS2MCT3		Cyber Security Architecture	3	-	20	30	50	2	-	2
P24/CS2MCP1		Lab on Malware Analysis	-	4	20	30	50	-	2	2
P24/CS2MCP2		Lab course on Incident Handling	-	4	20	30	50	-	2	2
P24/CS2META	Major Elective	Fundamentals of DevSecOps	3	-	20	30	50	2	-	2
P24/CS2MEPA		Lab course on Fundamentals of DevSecOps	-	4	20	30	50	-	2	2
OR		OR								
P24/CS2METB		Tools & Technology for Cyber Security	3	-	20	30	50	2	-	2
P24/CS2MEPB		Lab on Tools & Technology for Cyber Security	-	4	20	30	50	-	2	2
P24/CSS2OJTP	OJT	On Job Training	4	2	40	60	100	-	4	4
Total			20	18	220	330	550	12	10	22

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M.Sc. (Cyber Security) SEMESTER III										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
P24/CS3MCT1	Major Core	Penetration Testing	5	-	40	60	100	4	-	4
P24/CS3MCT2		Virtualization & Forensics	5	-	40	60	100	4	-	2
P24/CS3MCT3		Security Audit	3	-	20	30	50	2	-	2
P24/CS3MCP1		Lab on Penetration Testing	-	4	20	30	50	-	2	2
P24/CS3MCP2		Lab course on Virtualization & Forensics	-	4	20	30	50	-	2	2
P24/CS3META	Major Elective	Mobile Forensic	3	-	20	30	50	2	-	2
P24/CS3MEPB		Lab course on Mobile Forensic	-	4	20	30	50	-	2	2
OR		OR								
P24/CS3METB		Advanced DevSecOps	3	-	20	30	50	2	-	2
P24/CS3MEPB		Lab course on Advanced DevSecOps	-	4	20	30	50	-	2	2
P24/CS3PR	Research-Project	Research Project	-	2	40	60	100	-	4	4
Total			16	14	220	330	550	12	10	22

M.Sc. (Cyber Security) SEMESTER IV										
Subject Code	Course Type	Course Name	Teaching Scheme Hrs/Week		Examination Scheme and Marks			Credits		
			TH	P	CCE	EE	Total	TH	P	Total
P24/CS4MCP1	Major Core	Full Time Industrial Training	5	12	120	180	300	-	12	12
P24/CS4MET1	Major Elective	Online Course / MOOC	5	-	40	60	100	4	-	-
P24/CS4RP	ResearchProject	Research Project	3	6	60	90	150	-	6	6
Total			13	18	220	330	550	4	18	18