MTech. (Cyber Security) Annexure 1.

Program Name: Master of Technology (02)								Program Code: CE (007) Software Engineering				
Semester / Year : First Year Master of Technology – Semester I								Effective From Academic Year: 2022-23				
Subject Code	Course Type	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
				L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
10070101	Core I	Advance Software Engineering	4	3	0	2	5	60	40	30	20	150
10070102	Core II	Advance Data Structures & Algorithms	4	3	0	2	5	60	40	30	20	150
10000153	Audit Course	Constitution of India	0	2	0	0	2	0	50	0	0	50
10000151	MLC	Research Methodology and IPR	3	1	1	2	4	0	0	80	20	100
	Program Elective I	-	4	3	0	2	5	60	40	30	20	150
	Program Elective II	-	4	3	0	2	5	60	40	30	20	150
			19				26					750

10070103	Program Elective I	Data Science
10070104	Program Elective I	Data Warehousing & Data Mining
10070105	Program Elective I	High Performance Computing
10070106	Program Elective II	Image Processing
10070107	Program Elective II	Wireless Sensor Network
10070108	Program Elective II	Data Security & Access Control

Subject Code	Course Type	Subject Name	Credit	L	T	P	Total	Theory (Marks) University Assessment	Theory (Marks) Continuous Assessment	Practical (Marks) University Assessment	Practical (Marks) Continuous Assessment	Total (Marks)
Program Name: Master of Technology (02)								**Program Code: CE (007) Software Engineering**				
Semester / Year : First Year Master of Technology - Semester II								**Effective From Academic Year: 2022-23**				
10000251	Audit Course	Technical Writing	0	2	0	0	2	0	50	0	0	50
10070201	Core III	Software Project Management	4	3	0	2	5	60	40	30	20	150
10070202	Core	Research Review & Seminar	3	0	0	6	6	0	0	0	100	100
10070203	Core IV	Distributed Systems	4	3	0	2	5	60	40	30	20	150
	Program Elective III	-	4	3	0	2	5	60	40	30	20	150
	Program Elective IV	-	4	3	0	2	5	60	40	30	20	150
			19				28					750

10070204	Program Elective III	Machine Learning	
10070205	Program Elective III	Data Visualization	
10070206	Program Elective III	Blockchain Technology	
10070207	Program Elective IV	Computer Vision	
10070208	Program Elective IV	Cloud Computing	
10070209	Program Elective IV	Natural Language Processing	

Program Name: Master of Technology (02)							Program Code: CE (007) Software Engineering					

Semester / Year : Second Year Master of Technology - Semester III | **Effective From Academic Year: 2023-24**

Subject Code	Course Type	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
				L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
10070301	Internal Review	Internal Review I	2	0	0	4	4	0	0	0	100	100
10070302	Dissertation	Dissertation Phase I	14	0	0	28	28	0	0	100	0	100
			16				32					200

Semester / Year : Second Year Master of Technology - Semester IV | **Effective From Academic Year: 2023-24**

Subject Code	Course Type	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
				L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
10070401	Internal Review	Internal Review II	2	0	0	4	4	0	0	0	100	100
10070402	Dissertation	Dissertation Phase II	14	0	0	28	28	0	0	100	0	100
			16				32					200