

SR UNIVERSITY
School of CS & AI
R25 Course Structure-MSc(CS)

I SEM						
S.No.	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	25MCA202PC501	Data Science for Intelligent System	2	-	2	3
2	25MSC402PC502	Data Structures and Algorithms using python	4	-	2	5
3	25CAI302PC503	Modern Operating System and Computer Networks	3	-	2	4
4	25CAI206CR501	AI Assisted Problem Solving Using Python	2	-	6	5
5	25BUS400RM501	Sustainability, Critical Thinking, Research Methodology	4	-	0	4
6	25HUM302CR502	Life Skills: Entrepreneurship, Language, Communication and Personality	3	-	2	4
Total			16	0	14	25
II SEM						
S.No.	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	25MCA402PC504	Generative AI	4	-	2	5
2	25MCA302PC505	Advance Database Management Systems	3	-	2	4
3	25MSC302PC506	Advanced Reinforcement Learning	3	-	2	4
4	25MCA302PC507	Applied Natural Language Processing	3	-	2	4
5		Specialization Elective	3	-	2	4
6	25HUM204CR503	Aptitude and Reasoning	2	-	4	4
Total			18	0	14	25
III SEM						
S.No.	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	25MSC012PR601	Capstone Project	-	-	12	6
2		Program Elective-I	2	0	2	3
3		Program Elective-II	2	0	2	3
4		Open Elective	3	0	0	3
		OR				
	25MSC030PR602	Industrial Project/R&D Project/Industry Internship/Start-up/Externship	-	-	30	15
Total						15
Total Credits						80
IV SEM						
S.No.	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	25MSC030PR603	Major Project/Industrial Project/R&D Project/Industry Internship/Start-up/Externship	-	-	30	15
Total						15
Specialization Electives						
Sl.No	Course Code	Course	Hours/Week			
			L	T	P/D	C
1	25MSC302SE501	Image Processing and Analytics	3	-	2	4
2	25MSC302SE502	Modern Perspective of HCI	3	-	2	4
3	25MSC302SE503	Software Project Management	3	-	2	4
Program Electives						
S.No.	Course Code	Program Electives I & II	Hours / Week			
			L	T	P/D	C
1	25MCA202PE601	Network and Information Security	2	-	2	3
2	25MSC202PE601	Cloud Technologies and Applications	2	-	2	3
3	25CAI202PE603	Business Intelligence and Predictive Analytics	2	-	2	3
4	25MSC202PE602	AI in HealthCare	2	-	2	3
Open Electives						
S.No.	Course Code	Course	Hours / Week			
			L	T	P/D	C
1	25PEL300OE601	Energy Systems & Management	3	-	-	3
2	25PEL300OE602	Renewable Energy Technologies	3	-	-	3
3	25CAI300OE603	Cybersecurity Law and Policy	3	-	-	3
4	25CAI300OE604	Block Chain Technology	3	-	-	3
5	25AMS300OE605	Operations Research	3	-	-	3
6	25AMS300OE606	3D Printing	3	-	-	3
7	25ECE300OE607	Internet of Things and IIoT	3	-	-	3
8	25ECE300OE608	Pattern Recognition and Vision Systems	3	-	-	3
9	25CTM300OE609	Disaster Management	3	-	-	3
10	25CTM300OE610	Smart Cities	3	-	-	3