

CURRICULUM

Master of Science in Artificial Intelligence and Machine Learning

Semester	Sr no	CourseCode	Course	CourseCredit
Sem-1	1	MSCAI 111	Mathematical Foundation	4
	2	MSCAI 112	Problem Solving With Python	6
	3	MSCAI 113	Artificial Intelligence	4
	4	MSCAI 114	Object Oriented Concepts & Programming using C++	6
	5	MSCAI 115	Linear Algebra and Numerical Methods	6
	6	MSCAI 116	Project - I	6
Sem-2	1	MSCAI 121	Numerical Optimization	4
	2	MSCAI 122	Advanced Python	6
	3	MSCAI 123	Machine Learning	6
	4	MSCAI 124	Computer Vision	6
	5	MSCAI 125	Statistical Foundation	4
	6	MSCAI 126	Project - II	6
Sem-3	1	MSCAI 211	Deep Learning Fundamentals	6
	2	MSCAI 212	Elective-I	4
	3	MSCAI 213	Elective-II	6
	4	MSCAI 214	Project-III	14
	5	MSCAI 212(1)	Reinforcement Learning	4
	6	MSCAI 212(2)	Recommendation Systems	4
	7	MSCAI 212(3)	MOOCs	4
	8	MSCAI 213(1)	Natural Language Processing	6
	9	MSCAI 213(2)	Internet of Things	6
	10	MSCAI 213(3)	SQL for Machine Learning	6
Sem-4	1	MSCAI 221	Major Project	28