

M.Tech - Artificial Intelligence and Data Science

SI.No	Course Code	Course Name	L	T	P	S	Cr	CH
1	22CS5109	MATHEMATICAL PROGRAMMING - 1	3	2	0	0	5	5
2	22CS5110	COMPUTATIONAL THINKING FOR OBJECT ORIENTED DESIGN	3	0	4	0	5	7
3	22CS5111	BIG DATA ANALYTICS	3	0	2	0	4	5
4	22CS5112	MACHINE LEARNING & REINFORCEMENT LEARNING	3	0	2	0	4	5
5		ELECTIVE – 1	2	0	2	4	4	8
6		ELECTIVE – 2	2	0	2	0	3	4
7	22IE 5149	SEMINAR	0	0	4	0	2	4
8	22CS5113	MATHEMATICAL PROGRAMMING - 2	2	2	0	0	4	4
9	22CS5114	DATA STRUCTURES & ALGORITHMS	3	0	4	4	6	11
10	22CS5115	ADVANCED DATABASES	3	0	2	0	4	5
11	22CS5116	DEEP LEARNING	3	0	4	4	6	11
12		ELECTIVE-3	3	0	2	0	4	5
13		ELECTIVE-4	3	0	2	0	4	5
14	22IE5250	TERMPAPER	0	0	4	0	2	4

15	22IE6050	DISSERTATION	0	0	72	0	36	72
		TOTAL	33	4	106	12	93	155

ELECTIVE COURSES LIST								
Sl No	Course Code	Course Name	L	T	P	S	Cr	CH
ELECTIVE-1								
1	22CS51E1	CLOUD INFRASTRUCTURE & SERVICES	2	0	2	4	4	8
	22CS51E2	PARALLEL & DISTRIBUTED COMPUTING	2	0	2	4	4	8
2	22CS51E3	CLOUD DEVOPS	2	0	2	4	4	8
ELECTIVE-2								
1	22CS51F1	COMPUTER VISION & PERCEPTION	2	0	2	0	3	4
	22CS51F2	SOFT COMPUTING	2	0	2	0	3	4
2	22CS51F3	ARTIFICIAL NEURAL NETWORKS	2	0	2	0	3	4
ELECTIVE-3								
1	22CS51G1	DATA WAREHOUSING & MINING	3	0	2	0	4	5
2	22CS51G2	GRAPH & WEB ANALYTICS	3	0	2	0	4	5

3	22CS51G3	BIG DATA OPTIMIZATION	3	0	2	0	4	5
ELECTIVE-4								
1	22CS52H1	COGNITIVE COMPUTING	3	0	2	0	4	5
2	22CS52H2	NATURAL LANGUAGE PROCESSING	3	0	2	0	4	5
3	22CS52H3	EDGE COMPUTING	3	0	2	0	4	5