

School of Computing Science & Engineering

Program name: M.Tech Computer Science & Engineering in AIML

Program Structure 2023-26 (3 Years) - Weekend Program

Semester I						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		ADVANCED DESIGN AND ANALYSIS OF ALGORITHMS	3	0	0	3
2		ADVANCED COMPUTER NETWORKS	3	0	0	3
3		ADVANCED OPERATING SYSTEMS	3	0	0	3
4		ADVANCED DESIGN AND ANALYSIS OF ALGORITHMS LAB	0	0	1	1
5		ADVANCED COMPUTER NETWORKS LAB	0	0	1	1
6		TECHNICAL SEMINAR	0	0	4	2
			9	0	6	13

Semester II						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		ARTIFICIAL INTELLIGENCE & MACHINE LEARNING	3	0	0	3
2		OPTIMIZATION TECHNIQUES	3	0	0	3
3		ARTIFICIAL INTELLIGENCE & MACHINE LEARNING LAB	0	0	2	1
4		RESEARCH METHODOLOGY	3	0	0	3
5		Python Programming	1	0	4	3
			10	0	6	13
Semester III						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		NATURAL LANGUAGE PROCESSING	3	0	0	3
2		DEEP LEARNING	3	0	0	3

3		DEEP LEARNING LAB	0	0	2	1
4		Program Elective-1	3	0	0	3
5		M.Tech-SPL-MOOC-1	3	0	0	3
			12	0	2	13

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Semester IV						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		KNOWLEDGE BASED DECISION SUPPORT SYSTEM	3	0	0	3
2		Program Elective-2	3	0	0	3
3		TERM PAPER	0	0	2	1
4		M.Tech-SPL-MOOC-2	3	0	0	3
5		INTELLIGENT LAB/ MULTI DISIPLINARY PROJECT	0	0	8	4
			9	0	10	14

Semester V						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		AI & ROBOTICS	3	0	0	3
2		AI & ROBOTICS LAB	0	0	2	1
3		M.Tech-SPL-MOOC-3	3	0	0	3
4		M. TECH DISSERTATION PART-1	0	0	0	5
			6	0	2	12
Semester VI						
Sl. No	Course Code	Name of the Course				
			L	T	P	C
1		M. TECH DISSERTATION-FINAL	0	0	30	15
			0	0	30	15
TOTAL CREDITS			80			

List of Electives						
Sl No	Elective	Name of the Electives	L	T	P	C
1	Program Elective-I	PATTERN MATCHING AND IMAGE ANALYSIS	3	0	3	3
2		DATA SCIENCE AND ITS APPLICATION	3	0	3	3
3		INTERNET OF THINGS	3	0	3	3
4		SOFT COMPUTING	3	0	3	3
5	Program Elective-II	REINFORCEMENT LEARNING	3	0	3	3
6		BIG DATA SYSTEM	3	0	3	3
7		QUANTUM COMPUTING	3	0	3	3
8		CLOUD COMPUTING TECHNOLOGY	3	0	3	3

