School of Computing Science and Engineering

M.Tech

Artificial Intelligence and Machine Learning

Scheme: 2024 – 2026

Curriculum

Sl. No	Course Code	Name of the Course	L	T	P	C
1	Will be given by ERP	PROFESSIONAL COMMUNICATION SKILLS	0	0	2	1
2	Will be given by ERP	ADVANCED NUMERICAL AND STATISTICAL METHODS	3	1	0	4
3	Will be given by ERP	ADVANCED DATA STRUCTURES	3	0	2	4
4	Will be given by ERP	ADVANCED COMPUTER NETWORKS	3	0	0	3
5	Will be given by ERP	ADVANCED OPERATING SYSTEMS	3	0	2	4
6	Will be given by ERP	ADVANCED DATABASE SYSTEMS	3	0	2	4
7	Will be given by ERP	TECHNICAL SEMINAR	0	0	4	2
TOTAL CREDITS						**22**

Sl No	Course Code	Name of the Course	L	T	P	C
1	Will be given by ERP	MACHINE LEARNING	3	0	2	4
2	Will be given by ERP	NATURAL LANGUAGE PROCESSING	3	0	2	4
3	Will be given by ERP	RESEARCH METHODOLOGY	3	0	0	3
4	Will be given by ERP	PROGRAM ELECTIVE-1	3	0	0	3
5	Will be given by ERP	TECHNICAL TRAINING	3	0	1	4
6	Will be given by ERP	TERM PAPER	0	0	4	2
7	Will be given by ERP	ENGLISH PROFICIENCY AND APTITUDE BUILDING	0	0	2	1
TOTAL CREDITS						**21**

Sl No	Course Code	Name of the Course	L	T	P	C
1	Will be given by ERP	REQUIREMENT ANALYSIS & PROJECT MANAGEMENT	3	0	0	3
2	Will be given by ERP	MOOC COURSE	3	0	0	3
3	Will be given by ERP	PROGRAM ELECTIVE-2	3	0	0	3
4	Will be given by ERP	PROGRAM ELECTIVE-3	3	0	0	3
5	Will be given by ERP	QUANTITATIVE AND COMMUNICATION PROFICIENCY	0	0	2	1
6	Will be given by ERP	SOFTWARE DEVELOPMENT LAB	0	0	4	2
7	Will be given by ERP	M. TECH DISSERTATION PART-1	0	0	0	7
TOTAL CREDITS						**22**

Sl No	Course Code	Name of the Course	L	T	P	C
1	MCSE2481	M. TECH DISSERTATION-FINAL	0	0	30	15
TOTAL CREDITS						**15**

List of Electives

Sl No	Program Elective	Name of the Electives	L	T	P	C
1	I	INTERNET OF THINGS	3	0	0	3
2		BIG DATA ANALYTICS	3	0	0	3
3	II	DEEP LEARNING TECHNIQUES	3	0	0	3
4		SECURITY PRACTICES	3	0	0	3
5	III	QUANTUM COMPUTING	3	0	0	3
6		SOFT COMPUTING	3	0	0	3

OVERALL CREDITS	80