School of Computing Science & Engineering

M.Tech Computer Science & Engineering

Program Structure 2022-24

Year :	M.Tech- 2022-24 batch (1st Semester)				
Subject Code	**Name of the Course**	**Teaching Scheme**			**Credits**
		L	**T**	**P**	
Theory					
1	MATH5001	ADVANCE NUMERICAL AND STATISTICAL METHODS	3	1	0	4
2	MCSE1110	ADVANCED DESIGN AND ANALYSIS OF ALGORITHMS	3	0	0	3
3	MCSE1120	ADVANCED COMPUTER NETWORKS	3	0	0	3
4	MCSE1130	ADVANCED OPERATING SYSTEMS	3	0	0	3
5	MCSE1150	ADVANCED SOFTWARE ENGINEERING	3	0	0	3
Practical					
1	CENG5001	PROFESSIONAL AND COMMUNICATION SKILLS	0	0	4	2
2	MCSE1111	ADVANCED DESIGN AND ANALYSIS OF ALGORITHMS LAB	0	0	2	1
3	MCSE1121	ADVANCED COMPUTER NETWORKS LAB	0	0	2	1
4	MCSE1152	TECHNICAL SEMINAR	0	0	4	2
		Total:	**15**	**1**	**10**	**22**

Note: The subject code and course name columns are combined under the structure above; the first numeric column is the serial number.

Year :	M.Tech- 2022-24 batch (2nd Semester)			
Subject Code	**Name of the Course**	**Teaching Scheme**		**Credits**
		L	**T**	**P**	
Theory					

			L	T	P	Credits
1	MCSE1240	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	3	0	0	3
2	MCSE1235	CLOUD COMPUTING TECHNOLOGY	3	0	0	3
3	MCSE1260	RESEARCH METHODOLOGY	3	0	0	3
Practical						
4	MCSE1242	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LAB	0	0	4	2
5	MCSE1236	CLOUD COMPUTING TECHNOLOGY LAB	0	0	4	2
6	MCSE1261	CERTIFICATION COURSE/TERM PAPER	0	0	2	1
7	SLMC5012	ENGLISH PROFICIENCY AND APTITUDE BUILDING - 2	0	0	4	2
Elective-1						
8	MAIM9112	INTERNET OF THINGS	3	0	0	3
8	MCSE9261	BIG DATA SYSTEM	3	0	0	3
Elective-2						
9	MCSE9260	FOUNDATIONS OF INFORMATION SECURITY	3	0	0	3
9	MCSE9370	DATA SCIENCE AND ITS APPLICATIONS	3	0	0	3
		Total:	**15**	**0**	**14**	**22**

Year :	M.Tech- 2022-24 batch (3rd Semester)					
Subject Code	**Name of the Course**	**Teaching Scheme**			**Credits**	
		L	**T**	**P**		
Theory						
1	MCSE2322	Requirement Analysis & Project Management	3	0	0	3
Elective-3						
2	MCSE9350	SOCIAL NETWORK ANALYSIS	3	0	0	3
2	MCSE9360	BIO-INSPIRED COMPUTING	3	0	0	3
Elective-4						
3	MCSE9130	BIG DATA MINING AND ANALYTICS	3	0	0	3

3	MCSE9110	IOT TECHNOLOGY AND APPLICATIONS	3	0	0	3
Practical						
4	SLMT5001	Quantitative and Communication Proficiency	0	0	4	2
5	MCSE2321	Software Development Lab	0	0	4	2
6	MCSE2381	M. Tech Dissertation Part-1	0	0	10	5
		Total:	**9**	**0**	**16**	**18**

Year :	M.Tech- 2022-24 batch (4th Semester)				
Subject Code	**Name of the Course**	**Teaching Scheme**			**Credits**
		L	**T**	**P**	
Project					
1	MCSE2481	M. Tech Dissertation-Final	0	0	30	15
		Total:	**0**	**0**	30	15

Total Credits	**77**