## **School of Computing Science & Engineering**

## **Program name: M.Tech Computer Science & Engineering**

## **Program Structure 2023-25**

Year:	M.Tech- 2023-25 batch (1st Semester)							
Subject Code		Name of the Course	Teaching Scheme			Credits		
Su	bject code	Ivame of the Course		T	P	Credits		
		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		0	0	3		
5	MCSE1150	MCSE1150 ADVANCED SOFTWARE ENGINEERING		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	121 ADVANCED COMPUTER NETWORKS LAB		0	2	1		
4	MCSE1152	MCSE1152 TECHNICAL SEMINAR		0	4	2		
		Total:	15	1	10	22		

Year:	M.Tech- 2023-25 batch (2nd Semester)						
Subject Code	Name of the Course		Teaching Scheme				
Subject Code	value of the Course	L	Т	P	Credits		
Theory							

1	MCSE1250	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING		0	0	3
2	MCSE1235	CLOUD COMPUTING TECHNOLOGY		0	0	3
3	MCSE1260	RESEARCH METHODOLOGY	3	0	0	3
		Practical				
4	MCSE1252	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	2	1
7	SLMC5012	012 ENGLISH PROFICIENCY AND APTITUDE BUILDING - 2		0	4	2
	Elective-1					
8	MAIM9112	INTERNET OF THINGS	3	0	0	3
8	MCSE9261	BIG DATA SYSTEM		0	0	3
	Elective-2					
9	MCSE9260	9260 FOUNDATIONS OF INFORMATION SECURITY		0	0	3
9	MCSE9370 DATA SCIENCE AND ITS APPLICATIONS		3	0	0	3
		Total:	15	0	14	22

Year:	Year: M.Tech- 2023-25 batch (3rdSemester)						
Subject Code		N CA C	Teaching Scheme			C 1'4-	
		Name of the Course		Т	P	Credits	
Theory							
1	1 MCSE2323 Requirement Analysis & Project Management 3 0		0	0	3		
		Elective-3					
2	MCSE9350	SOCIAL NETWORK ANALYSIS	3	0	0	3	
2	2 DEEP LEARNING TECHNIQUES		3	0	0	3	
	Elective-4						

3		SECURITY PRACTICES	3	0	0	3
3	3 ADVANCED DATABASES					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:	Year: M.Tech- 2023-25 batch (4 thSemester)							
Subject Code		Name of the Course		Teaching Scheme		Credits		
54	bject Code	Traine of the course		Т	P	Credits		
	Project							
1	MCSE2581	M. Tech Dissertation-Final	0	0	30	15		
		Total:	0	0	30	15		

Total Credits 77
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