

M.Tech. (CS) Course Structure 2024 and Onwards

Semester I	Semester II		Semester III	Semester IV
	Specialization in AI & ML	Specialization in DS		
Machine Learning with Python (4 credits)	Artificial Intelligence (4 credits)	Data Mining and Warehousing (4 credits)	Elective - I (4 credits)	Thesis-III (20 credits)
Advanced Computer Algorithms (4 credits)	Natural Language Processing (4 credits)	Natural Language Processing (4 credits)	Elective-II (4 credits)	
Research Methodology & Technical Writing (3 credits)	Deep Learning (4 credits)	Deep Learning (4 credits)	Optimization Techniques (4 credits)	
Mathematical Methods for Data Science and AI & ML (4 credits)	Image and Vision Processing (4 credits)	Big Data Analytics and Visualization (4 credits)	Thesis -II (8 credits)	
Competitive Coding - I (2 credits)	Competitive Coding - II (2 credits)	Competitive Coding - II (2 credits)		
Yoga and Fitness (1 credits)	Thesis-I (2 credits)	Thesis-I (2 credits)		
Essentials of Professional Communications (3 credits)				
21 credits	20 credits		20 credits	20 credits

Minimum 80 credits are required for M. Tech.