
M. TECH. COMPUTER SCIENCE

M. Tech. (CS) Course Structure 2022

Semester I	Semester II		Semester III	Semester IV
	Specialization in AI	Specialization in DS		
Machine Learning (Linear Algebra and Probability & Statistics) with Python (5 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 (4 credits)	Deep Learning (4 credits)	Deep Learning (4 credits)	Optimization Techniques (4 credits)	
Computational Linguistics- (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)		
20	20	20	20	20

Total 80 credits are required for M. Tech.

1 credit for 1 hour theory, 1 credit for 1 hour tutorial, 1 credit for 2 hours lab per week