

M. Tech. (CS) Course Structure

Semester I	Semester II		Semester III	Semester IV
	Specialization in AI	Specialization in DS		
Mathematics for Machine Learning (Linear Algebra and Probability & Statistics) (4 credits)	Artificial Intelligence (4 credits)	Data Mining and Warehousing (4 credits)	Research Methodology & Technical Writing (3 credits)	Elective - II (4 credits)
Advanced Computer Algorithms (4 credits)	Reinforcement Learning (4 credits)	Data Visualization with R (4 credits)	Intellectual Property Rights (1 credits)	Thesis - 2 (8 credits)
Python Programming (4 credits)	Natural Language Processing (4 credits)	Big Data Analytics (4 credits)	Elective - I (4 credits)	
Deep Learning (4 credits)	Image and Vision Processing (4 credits)	Cryptography & Network Security (4 credits)	Thesis - 1 (8 credits)	
Machine Learning (4 credits)	AI for IoT (4 credits)	Capstone Project (4 credits)		
Competitive Coding - I (2 credits)	Competitive Coding - II (2 credits)	Competitive Coding - III (2 credits)		
22	22	22	16	12