

M.Tech (CS) Course Structure

Semester I	Semester II	Semester III
Mathematics for Machine Learning	Elective I	Elective V
Advanced Computer Algorithm and Analysis	Elective II	Elective VI
Software Systems	Elective III	Elective VII
Advanced Computer Network and Architecture	Elective IV	Elective VIII

Pool of Electives

Artificial Intelligence	Data Science
1. Machine Learning	1. Data Analytics
2. Soft Computing	2. Machine Learning
3. Vision & Image Processing	3. Tools & Applications of Data Science
4. Intelligent Agents & Planning	4. Cryptography & Information Security
5. Algorithmic Graph Theory	5. Computational Methods of optimization
6. Approximation Algorithms	6. Big Data Analysis
7. Expert Systems	7. Data Compression
	8. Pattern Analysis & Data Mining