

M.Tech Curriculum
Computer Science and Engineering
2019 Batch onwards

Semester - I

S.No	Course No	Course Name	L-T-P-C
1.	CS5101	Advanced Data Structures and Algorithms	3-0-0-3
2.	CS5103	Artificial Intelligence and Machine Learning	3-0-0-3
3.	CS5105	Distributed Systems	3-0-0-3
4.	CS5191	Advanced Data Structures and Algorithms Laboratory	0-0-3-2
5.	CS5193	Artificial Intelligence and Machine Learning Laboratory	0-0-3-2
6.	MA5105	Linear Algebra and Probability Theory	3-1-0-4
Total			17

Semester – II

S.No	Course No	Course Name	L-T-P-C
1.	CS5202	Computer System Architecture	3-0-0-3
2.	CS5204	Cloud Computing	3-0-0-3
3.	CS5206	Industrial Software Engineering	3-0-0-3
4.	CS5210	Seminar	- - - 1
5.	CS5292	Computer System Architecture Laboratory	0-0-3-2
6.	CS5294	Cloud Computing Laboratory	0-0-3-2
7.	DPE	Department Elective	3-0-0-3
Total			17

Semester - III

S.No	Course No	Course Name	L-T-P-C
1.	FRE	Free Elective	3-0-0-3
2.	CS6150	Project Phase-I	- - - 10
Total			13

Semester - IV

S.No	Course No	Course Name	L-T-P-C
1.	CS6250	Project Phase-II	- - - 15
Total			15

Total Credits - 62

Department Electives:

1. CS5021 Advanced Computer Networks
2. CS5022 Algorithmic Engineering
3. CS5023 Computational Complexity Theory
4. CS5024 Data Science for Software Engineering
5. CS5025 Predictive Data Modelling
6. CS5026 Performance Evaluation of Computer Systems
7. CS5027 Computational Geometry