INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
M. Tech. Curriculum: Computer Science and Engineering
From the Academic Year 2020-21

Semester-I

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CS503L	Advanced Data Structures and Algorithms	3-0-0-3	CS5101	4
2.	CS519L	Machine Learning	3-0-0-3	CS5103	12
3.	CS520L	Parallel Computing	3-0-0-3	CS5105	12
4.	CS515L	Computational Methods in Optimization	3-0-0-3	CS5107	12
5.	CS503P	Advanced Data Structure and Algorithms Laboratory	0-0-3-2	CS5191	5
6.	MA501L	Linear Algebra for Engineers	2-0-0-2	MA5021	12
7.	MA503L	Probability Theory for Engineers	2-0-0-2	MA5022	12
Total Credits				**18**	

Semester-II

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CS506L	Computer System Architecture	3-0-0-3	CS5202	6
2.	CS514L	Artificial Intelligence	3-0-0-3	CS5204	12
3.	CS522L	Industrial Software Engineering	3-0-0-3	CS5206	12
4.	CS523L	Distributed Systems	3-0-0-3	CS5208	12
5.		Department Elective	3-0-0-3	DPE	
6.	CS519P	Intelligent Systems Laboratory	0-0-3-2	CS5292	12
Total Credits				**17**	

Semester-III

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.		Free Elective	3-0-0-3	FRE	
2.	CS693G	Seminar	- - - 1	CS6110	4
3.	CS691G	Project Phase-I	- - - 10	CS6150	4
Total Credits				**14**	

Semester-IV

S.No.	Course Code	Course Name	L-T-P-C	Course Code (prior to Jul 2022)	Senate
1.	CS692G	Project Phase-II	0-0-0-15	CS6250	4
Total Credits				**15**	

Total Credits - 64