

M.Tech. Curriculum

Semester I

	Course No.	Course Title	L	T	E	P	O	C	Cat
1	MA New	Applied Maths and Modeling	3	1	0	0	6	10	P
2	MA New	Statistical Inference & Learning	3	1	0	0	6	10	P
3	MA Mod	Numerical Linear Algebra	3	1	0	0	6	10	P
4	MA Mod	Data Structures & Algorithms	3	1	0	0	8	12	P
5	MA New	Scientific Computing & Advanced Programming Lab	3	0	0	3	6	12	P
		Credits for Semester I						54	

Semester II

	Course No.	Course Title	L	T	E	P	O	C	Cat
1	MA New	Regression and Time Series Analysis	3	1	0	0	6	10	P
2	MA Mod	Applied Stochastic Processes	3	1	0	0	6	10	P
3	MA Mod	Numerical Optimization	3	1	0	0	6	10	P
4		Free Elective I	3	0	0	0	8	9	E
5		Free Elective II	3	0	0	0	8	9	E
		Credits for Semester II						48	

Semester III

	Course No.	Course Title	L	T	E	P	O	C	Cat
1	MA Mod	Mathematical Finance: Theory & Implementation	3	1	0	0	6	10	P
2		Free Elective III	3	0	0	0	6	9	E
3		Free Elective IV	3	0	0	0	6	9	E
4	MA	M.Tech. Project Phase I	0	0	0	0	20	20	P
		Credits for Semester III						48	

Semester IV

	Course No.	Course Title	L	T	E	P	O	C	Cat
1	MA Mod	M.Tech. Project Phase II	0	0	0	0	50	50	P
		Credits for Semester IV						50	

Semester	I	II	III	IV	Total
Credits	54	48	48	50	200