

Prog	Code	Sem	Course Code	Course Title	L	T	P	Credit	FM
MAPG	CMT	1		First Semester					
MAPG	CMT	1	MA611	Mathematical Modelling in Industry	3	0	0	3	100
MAPG	CMT	1	MA612	Mathematical Method in Industry	3	0	0	3	100
MAPG	CMT	1	MA613	Numerical Solutions of PDE	3	0	0	3	100
MAPG	CMT	1	CS601	Data Structure and Algorithm/ Advanced Data Structure and File Systems	3	0	0	3	100
MAPG	CMT	1	DD6xx	Open Elective - I	3	0	0	3	100
MAPG	CMT	1	MA691	Advance Computational Lab - I	0	0	6	4	100
MAPG	CMT	1		Semester Total				19	600
MAPG	CMT								
MAPG	CMT	2		Second Semester					
MAPG	CMT	2	MA615	Numerical Linear Algebra	3	0	0	3	100
MAPG	CMT	2	MA616	Optimization Techniques	3	0	0	3	100
MAPG	CMT	2	MA617	Statistical Simulation and Data Analysis	3	0	0	3	100
MAPG	CMT	2	MA618	Computational Fluid Dynamics	3	0	0	3	100
MAPG	CMT	2	MA6xx	Departmental Elective – I	3	0	0	3	100
MAPG	CMT	2	MA692	Advance Computational Lab - II	0	0	6	4	100
MAPG	CMT	2		Semester Total				19	600
MAPG	CMT								
MAPG	CMT	3		Third Semester					
MAPG	CMT	3	MA619	Stochastic Methods in Industry	3	0	0	3	100
MAPG	CMT	3	MA695	Seminar & Comprehensive Viva - I	0	0	3	2	100
MAPG	CMT	3	MA697	Dissertation (To Continue in 4th Sem)	0	0	10	7	100
MAPG	CMT	3		Semester Total				12	300
MAPG	CMT								
MAPG	CMT	4		Fourth Semester					
MAPG	CMT	4	MA696	Seminar & Comprehensive Viva - II	0	0	3	2	100
MAPG	CMT	4	MA698	Dissertation	0	0	12	10	100
MAPG	CMT	4		Semester Total				12	200
MAPG	CMT			Grand Total				62	1700
MAPG	CMT			List of Electives:					

MAPG	CMT	EL-x	MA621	Optimization	3	0	0	3	100
MAPG	CMT	EL-x	MA622	Finite Element Theory and Applications	3	0	0	3	100
MAPG	CMT	EL-x	MA623	Mathematics of Financial Derivatives	3	0	0	3	100
MAPG	CMT	EL-x	MA624	Parallel Computing	3	0	0	3	100
MAPG	CMT	EL-x	MA625	Advanced Numerical Technique	3	0	0	3	100
MAPG	CMT	EL-x	MA626	nerics of Singularly Perturbed Differential Equat	3	0	0	3	100
MAPG	CMT	EL-x	MA627	Dynamical Systems	3	0	0	3	100
MAPG	CMT	EL-x	MA628	Statistical Methods and Time Series Analysis	3	0	0	3	100
MAPG	CMT	EL-x	MA629	Probability, Statistics and Stochastic Processes	3	0	0	3	100