

M.Sc. Mathematics Course Structure (W.E.F. 2017-18)

M.Sc. (Mathematics)-I year (CBCS Pattern)

SEMESTER-I

Course No.	Course	Course Title	Theory/ Practical Paper	No. of Credits	Marks@ 25/Credit	Internal Component (50%)	Semester End Component (50%)	Grand Total
MTU-101	Core I	Group Theory	L/T	4	100	50	50	100
MTU-102	Core II	Real Analysis	L/T	4	100	50	50	100
MTU-103	Core III	Complex Analysis	L/T	4	100	50	50	100
MTU-104	Core IV	Ordinary Differential Equations	L/T	4	100	50	50	100
MTU-105	Elective	Advanced Discrete Mathematics	L/T	4	100	50	50	100
MTU-106	Elective	Probability and Statistics	L/T	4	100	50	50	100
MTU-107	Practical I	Latex Typesetting	p	3	75	25	50	75
Elective (Intra/ Inter)	Select any one Elective from ELE 1 to 7	ELE-1 R Computing-1 (Intra)	L/T	2	50	25	25	50
		ELE- 2 French (Inter)	L/T	2	50	25	25	50
		ELE-3 Soft Skill (Inter)	L/T	2	50	25	25	50
		ELE-4 Drama (Inter)	L/T	2	50	25	25	50
		ELE-5 Script Writing (Inter)	L/T	2	50	25	25	50
		ELE-6 Dance (Inter)	L/T	2	50	25	25	50
		ELE-7 Music (Inter)	L/T	2	50	25	25	50
		Total						625

SEMESTER-II

Sr. No.	Course	Course Title	Theory/ Practical Paper	No. of Credits	Marks@ 25/Credit	Internal Component (50%)	Semester End Component (50%)	Grand Total
MTU-201	Core I	Linear Algebra	L/T	4	100	50	50	100
MTU-202	Core II	Measure and Integration	L/T	4	100	50	50	100
MTU-203	Core III	Topology	L/T	4	100	50	50	100
MTU-204	Core IV	Partial Differential Equations	L/T	4	100	50	50	100
MTU-205	Elective	Elementary Number Theory	L/T	4	100	50	50	100
MTU-206	Elective	Graph Theory	L/T	4	100	50	50	100
MTU-207	Practical II	Programming in Scilab	p	3	75	25	50	75
Elective (Intra/ Inter)	Select any one Elective from ELE 1 to 7	ELE-1 R Computing-2 (Intra)	L/T	2	50	25	25	50
		ELE- 2 French (Inter)	L/T	2	50	25	25	50
		ELE-3 Soft Skill (Inter)	L/T	2	50	25	25	50
		ELE-4 Drama (Inter)	L/T	2	50	25	25	50
		ELE-5 Script Writing (Inter)	L/T	2	50	25	25	50
		ELE-6 Dance (Inter)	L/T	2	50	25	25	50
		ELE-7 Music (Inter)	L/T	2	50	25	25	50
		Total						625