

M. Sc Mathematics Program (Two Years)

COURSES

M.A/M.Sc. Part-I &Part-II (Semester I to IV)

Examinations in Mathematics

M.Sc. Part-I (Semester-I) (Semester-I & II)

Class	Semester-I	Semester-II
M.Sc.-I	Compulsory Papers	
	1MTH-1: Real Analysis	2MTH-1: Measure and Integration Theory
	1MTH-2: Advanced Abstract Algebra	2MTH-2: Advanced Linear Algebra and Field Theory
	1MTH-3: Complex Analysis	2MTH-3: Integral Equations
	1MTH-4: Topology-I	2MTH-4: Topology-II
	Optional Papers: Choose Any One	
	1MTH-5 (i) : Differential Geometry	2MTH-5 (i) : Riemannian Geometry
	1MTH-5 (ii) : Advanced Discrete Mathematics-I	2MTH-5 (ii) : Advanced Discrete Mathematics-II

M.Sc. Part-II Semester-III and IV (Semester-III & IV)

M.Sc.-II	Semester-III	Semester-IV
	Compulsory Papers	
	3MTH-1: Functional Analysis-I	4MTH-1:Functional Analysis-II
	3MTH-2: Advanced Mechanics	4MTH-2: Partial Differential Equations
	Optional Papers: Choose Any One	
	3MTH-3: Operations Research	4MTH-3: Numerical Analysis
	3MTH-4: General Relativity	4MTH-4: Relativistic Cosmology
	3MTH-5: Fluid Dynamics-I	4MTH-5: Fluid Dynamics-II
	3MTH-6: Difference Equations-I	4MTH-6: Difference Equations-II
	3MTH-7: Fuzzy Sets and Applications-I	4MTH-7: Fuzzy Sets and Applications- II
	3MTH-8: Advanced Complex Analysis	-----
	3MTH-9: BanachAlgebra-I	4MTH-8: Banach Algebra-II