

DEPARTMENT OF MATHEMATICS(UNAIDED)
M.Sc. MATHEMATICS
CONTENTS

Sl. No.	Course Title	Course Code	Page No.
1	Groups Rings & Fields	18PCMA11	3
2	Real Analysis - I	18PCMA12	4
3	Mathematical Statistics	18PCMA13	5
4	Ordinary & Partial Differential Equations	18PCMA14	6
5	A) Classical Mechanics	18PEMA1A	7
6	B) Discrete Mathematics	18PEMA1B	8
7	Linear Algebra	18PCMA21	9
8	Real Analysis - II	18PCMA22	10
9	LaTex and MATLAB	18PCMA23	11
10	LaTex and MATLAB Practical	18PCMA2P	12
11	A) Calculus of Variations and Integral Equation	18PEMA2A	13
12	B) Numerical Analysis	18PEMA2B	14
13	Graph Theory	18PCMA31	15
14	Complex Analysis	18PCMA32	16
15	Measure Theory and Integration	18PCMA33	17
16	Operations Research	18PCMA34	18
17	A) Differential Geometry	18PEMA3A	19
18	B) Analytical Number Theory	18PEMA3B	20
19	Topology	18PCMA41	21
20	Functional Analysis	18PCMA42	22
21	Project	18PCMA43	23
22	A) Programming in C++ and Data Structures	18PEMA4A	24
23	B) Java Programming	18PEMA4B	25
24	A) Programming in C++ and Data Structures Practical	18PEMA4P1	26
25	B) Java Programming Practical	18PEMA4P2	29
26	Advanced Discrete Mathematics	18PIMA21	30
27.	Numerical and Statistical Method	18PIMA31	31

NUMBER OF COURSES = 6