



FACULTY OF BASIC LIFE & APPLIED SCIENCES

DEPARTMENT OF MATHEMATICS

Teaching Scheme Session 2022 Onwards

Program Name: Master of Science

Course: M.Sc. (Mathematics)

YEAR/SEMESTER: I/I

S. No.	Subject Code	Subject Title	Credit
Theory Papers			
1	BS203101	Algebra-I	4
2	BS203102	Real Analysis	4
3	BS203103	Differential Equations-I	4
4	BS203104	Differential Geometry	4
5	BS203105	Dynamics of Rigid Bodies	4
6	BS203106	Calculus of Variation And Special Function-I	4
Practical Papers			
1	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



Dr Sagar Mal Juniwal's
APEX UNIVERSITY[®]
JAIPUR



FACULTY OF BASIC LIFE & APPLIED SCIENCES

DEPARTMENT OF MATHEMATICS

Teaching Scheme Session 2022 Onwards

Program Name: Master of Science

Course: M.Sc. (Mathematics)

YEAR/SEMESTER: I/II

S. No.	Subject Code	Subject Title	Credit
Theory Papers			
1	BS203201	Algebra-II	4
2	BS203202	Topology	4
3	BS203203	Differential Equations-II	4
4	BS203204	Riemannian Geometry And Tensor Analysis	4
5	BS203205	Hydrodynamics	4
6	BS203206	Special Functions-II	4
Practical Papers			
1	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



FACULTY OF BASIC LIFE & APPLIED SCIENCES

DEPARTMENT OF MATHEMATICS

Teaching Scheme Session 2022 Onwards

Program Name: Master of Science

Course: M.Sc. (Mathematics)

YEAR/SEMESTER: II/III

S. No.	Subject Code	Subject Title	Credit
Theory Papers			
1	BS203301	Functional Analysis- I	4
2	BS203302	Viscous Fluid Dynamics- I	4
3	BS203303	Integral Transform	4
Elective Courses (Any Three)			
4	BS203304	Continuum Mechanics- I	4
5	BS203305	Mathematical Programming-I	4
6	BS203306	Numerical Analysis- I	4
7	BS203307	Mathematical Statistics-I	4
Practical Papers			
1	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



FACULTY OF BASIC LIFE & APPLIED SCIENCES

DEPARTMENT OF MATHEMATICS

Teaching Scheme Session 2022 Onwards

Program Name: Master of Science

Course: M.Sc. (Mathematics)

YEAR/SEMESTER: II/IV

S. No.	Subject Code	Subject Title	Credit
Theory Papers			
1	BS203401	Functional Analysis- II	4
2	BS203402	Viscous Fluid Dynamics- II	4
3	BS203403	Integral Equations	4
Elective Courses (Any Three)			
4	BS203404	Continuum Mechanics- II	4
5	BS203405	Mathematical Programming-II	4
6	BS203406	Numerical Analysis- II	4
7	BS203407	Mathematical Statistics-II	4
Practical Papers			
1	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1