Program Structure of B.Sc. Honours in Mathematics/B.Sc. Honours with Research in Mathematics+ 1 OR 2 Year PG

(With Effect From: 2024 – 25)

Diploma in Mathematics **Year: Second / Semester: Third (Odd Semester)**

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1	B030301T/ MT228	Algebra & Mathematical Methods	Theory	Core Major (Compulsory)	4	2	0	15	10	25	75	100	06	✓		✓					
2	B030302T/ MT242	Theory of real function	Theory		4	2	0	15	10	25	75	100	06	✓		✓					
3	I030302V/MT234	Introduction to R Or MOOCs-SWAYAM etc	Theory + Practical	Vocational	2	0	2	-	-	-	100	100	03	✓		✓					
4	A040405T/LN234	Indian / Regional Language	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	
				TOTAL	**12**	**4**	**2**	**45**	**30**	**75**	**325**	**400**	**17**								

Program Structure of B.Sc. Honours in Mathematics/B.Sc. Honours with Research in Mathematics+ 1 OR 2 Year PG

(With Effect From: 2024 – 25)

Diploma in Mathematics **Year: Second / Semester: Fourth (Even Semester)**

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1	B030401T/ MT229	Differential Equation & Mechanics	Theory	Core Major (Compulsory)	4	2	0	15	10	25	75	100	06	✓		✓					
2	B030402T/MT243	Reimann Integration and series of function	Theory		4	2	0	15	10	25	75	100	06	✓		✓					
3	(a) B060401T /MT232 (b) B020401T /CH239 (c) B070401T/ CS275	(a) Testing of hypothesis & Applied Statistics (b) Quantum Mechanics and Analytical Techniques (c) Computer System Architecture	Theory	Minor elective	3	1	0	15	10	25	75	100	04	✓	✓	✓			✓	✓	
4	Z040401T	Physical Education and Yoga	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	
PRACTICAL																					
5	(a)B060404T/MT241 (b) B020402P/CH241 (c) B070402P/ CS276	(a) Testing of hypothesis & Applied Statistics (b) Instrumental Analysis (c) Computer System Architecture Lab	Practical		0	0	4	15	10	25	75	100	02	✓		✓				✓	
6	B030405R/MT245	Mathematics Project-I	Practical	Major	0	0	6	0	0	0	100	100	03	✓		✓		✓		✓	
				TOTAL	**13**	**5**	**10**	**75**	**50**	**125**	**475**	**600**	**23**								