Department of Mathematics & Statistics
Evaluation Scheme of Undergraduate& Post Graduate Program as per NEP-2020 Guidelines
B.Sc. (Hons.) Mathematics Four Year program with Double Majors (Statistics/ Computer Science /Physics/Chemistry)
w.e.f. Session 2024-25
Year: Second/ Semester: Third (Odd Semester)
DIPLOMA in Science (Mathematics & Statistics OR Mathematics & Computer Science OR Mathematics & Physics OR Mathematics & Chemistry)

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	B060301T/MT230	Theory of Estimation & Sampling Survey	Theory	Core Major (Elective)	3	1	0	15	10	25	75	100	04	✓		✓					
	B070301T/CS273	Operating Systems												✓		✓					
	B010301T/PY207	Electromagnetic Theory & Modern Optics												✓							
	B020301T/CH232	Chemical Dynamics & Coordination Chemistry												✓		✓					
3	I030302V/MT234	Introduction to R OR MOOCs/SWAYAM etc	Theory+ Practical	Vocational	2	0	2	-	-	-	100	100	03	✓		✓					
4	H040304T/LN230T H040305T/LN231T	Regional Languages (Hindi)/ Regional Languages(Urdu)		Minor Co-curricular	2	0	0	15	10	25	75	100	02	✓		✓					
PRACTICAL																					
5	B060302P/ MT231	Sampling Survey Lab	Practical	Core Major	0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	

Code	Course	Type																			
B070302P/CS274	Operating Systems Lab	Practical	(Elective)										✓		✓					
B010302P/PY208	Demonstrative Aspects of Electricity & Magnetism	Practical											✓		✓					
B020302P/CH234	Physical Analysis	Practical											✓	✓	✓		✓	✓	✓	
			TOTAL	**11**	**3**	**6**	**60**	**40**	**100**	**400**	**500**	**17**								

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Year: Second / Semester: Fourth (Even Semester)
DIPLOMA in Science (Mathematics& Statistics OR Mathematics & Computer Science OR Mathematics & Physics OR Mathematics & Chemistry)

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total	End Semester Examination (ESE)	Subject Total	Total Credit Points	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	United Nations Sustainable Development Goals (SDGs)
THEORY																					
1	B030401T/MT229	Differential Equation & Mechanics	Theory	Core Major (Compulsory)	4	2	0	15	10	25	75	100	06	✓		✓					
2	B060401T/ MT232	Testing of Hypothesis & Applied Statistics	Theory	Core Major (Elective)	3	1	0	15	10	25	75	100	04	✓							
3	B010401T/PY209	Perspectives of Modern Physics & Basic Electronics	Theory											✓							
4	B070401T/CS275	Computer System Architecture	Theory											✓		✓					
5	B020401T/CH239	Quantum Mechanics and Analytical Techniques	Theory											✓		✓					
6	A040405T/LN234	Effective Professional Communication skills OR **EVS/BS (4+2=6)**	Theory	Minor (Elective)	3	1	0	15	10	25	75	100	03	✓		✓					
7	Z040401/PH201	Physical Education and Yoga	Theory	Co-curricular	2	0	0	15	10	25	75	100	02	✓		✓					
8	B030505R/MT333	Mathematics Project-1(R-3)	Theory	Major (Research Project)	3	1	0	15	10	25	75	100	03	✓	✓	✓			✓	✓	
PRACTICAL																					
9	B060402P/MT233	Test of Significance & Applied Statistics Lab	Practical	Core Major (Elective)	0	0	4	15	10	25	75	100	02	✓		✓					
10	B070402P/CS276	Computer System Architecture Lab	Practical											✓		✓					
11	B010402P/PY210	Basic Electronics Instrumentation	Practical											✓		✓					
12	B020402P/CH241	Instrumental Analysis	Practical											✓		✓					
				TOTAL	15	5	4	90	60	150	450	600	20								