











**DEPARTMENT OF CHEMISTRY**  
**EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020**  
 w.e.f. July, 2023

**Diploma in Science (Physics, Chemistry, Mathematics), 2<sup>nd</sup> Year / 3<sup>rd</sup> Semester**

S. N.	Course Code	Course Title	(T) Theory (P) Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)		
					Lecture	Tutorial	Practical	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics	
1	B030301T/MT228	Algebra & Mathematical Methods	T	Core Major (Compulsory)	4	2	0	15	10	25	75	100	06	✓		✓						 
2	B010301T/PY207	Electromagnetic Theory & Modern Optics	T		3	1	0	15	10	25	75	100	04	✓								
3	B020301T/CH232	Chemical Dynamics & Coordination Chemistry	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓		✓		
4	B010302P/PY208	Demonstrative Aspects of Electricity & Magnetism	P		0	0	4	15	10	25	75	100	02	✓		✓						
5	B020302P/CH234	Physical Analysis	P		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓		
6	B000301V/CH237	Food Testing and Quality Control	T + P	Vocational	1	0	2	-	-	-	100	100	03	✓	✓	✓		✓	✓	✓		 
7	Z030301T/ES225	Human Values and Environment Studies	T	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓		-
<b>TOTAL</b>					<b>13</b>	<b>04</b>	<b>10</b>	<b>90</b>	<b>60</b>	<b>150</b>	<b>550</b>	<b>700</b>	<b>23</b>									



**DEPARTMENT OF CHEMISTRY**  
**EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020**  
 w.e.f. July, 2023

**Diploma in Science (Physics, Chemistry, Mathematics), 2<sup>nd</sup> Year / 4<sup>th</sup> Semester**

S. N.	Course Code	Course Title	(T) Theory (P) Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)				
					Lecture	Tutorial	Practical	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics			
1	B030401T/MT229	Differential Equation & Mechanics	T	Core Major (Compulsory)	4	2	0	15	10	25	75	100	06	✓		✓								
2	B010401T/PY209	Perspectives of Modern Physics & Basic Electronics	T		3	1	0	15	10	25	75	100	04	✓										
3	B020401T/CH239	Quantum Mechanics and Analytical Techniques	T		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓		✓				
4	B010402P/PY210	Basic Electronics Instrumentation	P		0	0	4	15	10	25	75	100	02	✓		✓								
5	B020402P/CH241	Instrumental Analysis	P		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓				
6	<ul style="list-style-type: none"> <li>• A040405T/LN234</li> <li>• F010404TA/BM292</li> </ul>	<ul style="list-style-type: none"> <li>• Effective Professional Communication Skills</li> <li>• Entrepreneurship Development</li> </ul>	T	Minor Elective	3	1	0	15	10	25	75	100	04	✓	✓	✓					✓	✓		-
7	<ul style="list-style-type: none"> <li>• I030402V/MT235</li> <li>• B000401V/CH244</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to SPSS</li> <li>• Organic Forming</li> </ul>	T + P	Vocational	1	0	2	-	-	-	100	100	03	✓		✓								
8	Z040401T/	Physical Education and Yoga	T	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓				-
<b>TOTAL</b>					<b>16</b>	<b>5</b>	<b>10</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>625</b>	<b>800</b>	<b>27</b>											