



**DEPARTMENT OF CHEMISTRY**  
**EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020**

w.e.f. July, 2023

**(Diploma in Industrial Instrumentation and Chemical Analysis) 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			Evaluation Scheme			End Semester	Subject Total	Total Credit	Attributes						United Nations Sustainable Development Goals (SDGs)					
					Lecture	Tutorial	Practicals	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Values		Professional Ethics				
					1.	B190401T/CH238	Process Chemistry	T	Core Major (Compulsory)	3				1	0	15	10	25	75		100	04	✓		✓
2.	B020401T/CH239	Quantum Mechanics and Analytical Techniques	T	3	1	0	15	10		25	75	100	04	✓		✓							9 INDUSTRY, INNOVATION AND INFRASTRUCTURE		
3.	B190402P/CH240	Qualitative and Synthetic Methods	P	0	0	4	15	10		25	75	100	02	✓	✓	✓								12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
4.	B020402P/CH241	Instrumental Analysis	P	0	0	4	15	10		25	75	100	02	✓	✓	✓								9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	
5.	B190403T/CH242	Industrial Waste Treatment & Management	T	Major (Optional)	3	1	0	15	10	25	75	100	04	✓		✓								6 CLEAN WATER AND SANITATION	
6.	B190404P/CH243	Industrial Waste Analysis	P		0	0	4	15	10	25	75	100	02	✓	✓	✓								6 CLEAN WATER AND SANITATION	
7.	<ul style="list-style-type: none"> <li>• A040405T/LN234</li> <li>• F010404TA/BM292</li> <li>• B030402T/MT237</li> </ul>	<ul style="list-style-type: none"> <li>• Effective Professional Communication Skills</li> <li>• Entrepreneurship Development</li> <li>• Numerical analysis &amp; testing of hypothesis</li> </ul>	T	Minor Course	3	1	0	15	10	25	75	100	04	✓	✓	✓								✓	✓
8.	B000401V/CH244	Organic Farming	T + P	Vocational	1	0	2	-	-	-	100	100	03	✓	✓	✓								3 GOOD HEALTH AND WELL-BEING 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
9.	Z040401T	Physical Education and Yoga	T	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓								3 GOOD HEALTH AND WELL-BEING	
<b>TOTAL</b>					<b>15</b>	<b>04</b>	<b>14</b>	<b>120</b>	<b>80</b>	<b>200</b>	<b>700</b>	<b>900</b>	<b>27</b>												