



DEPARTMENT OF CHEMISTRY
EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2024-25
w.e.f. July, 2025-26
Certificate in Materials and Techniques in Chemical Industries
1st Year / 1st Semester



S. No.	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	Practical	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Values	Professional Ethics	
1	B190101T/CH131	Fundamentals of Industrial Chemistry	T	Core Major	3	1	-	15	10	25	75	100	04	√		√					4 QUALITY EDUCATION 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
2	B020101T/CH151	Fundamentals of Chemistry-I	T		3	1	-	15	10	25	75	100	04	√		√					4 QUALITY EDUCATION
3	B190102P/CH133	Basic Analytical Methods	P		-	-	4	15	10	25	75	100	02	√	√	√					4 QUALITY EDUCATION
4	B020102P/CH134	Quantitative Analysis	P		-	-	4	15	10	25	75	100	02	√	√	√					4 QUALITY EDUCATION
5	- B000101V/CH137 --	- Plastic Waste Management - MOOCs/SWAYAM etc.	T + P	Vocational	1	-	2	-	-	-	100	100	03	√	√	√		√			4 QUALITY EDUCATION 13 CLIMATE ACTION
6	Z010101T/BE105	Food Nutrition and Hygiene	T	Co-curricular	2	-	-	15	10	25	75	100	02	√		√		√			3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION
7	A050101T/HM101	Rashtra Gaurav*	T	Audit Course	2	-	-	-	-	-	100	100	00					√	√	√	4 QUALITY EDUCATION
TOTAL					11	02	10	75	50	125	575	700	17								

*Qualifying (Non-Credit Course)



DEPARTMENT OF CHEMISTRY
EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2024-25
w.e.f. July, 2025-26
Certificate in Materials and Techniques in Chemical Industries
1st Year / 2nd Semester



S. No.	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	Practical	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Values	Professional Ethics	
1.	B190201T/CH138	Material Science and Techniques in Chemical Industries	T	Core Major	3	1	-	15	10	25	75	100	04	√		√					4 QUALITY EDUCATION 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
2.	B020202T/CH160	Organic and Pharmaceutical Chemistry	T		3	1	-	15	10	25	75	100	04	√		√					3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION
3.	B190202P/CH140	Materialistic Analysis	P		-	-	4	15	10	25	75	100	02	√	√	√		√			4 QUALITY EDUCATION
4.	B020202P/CH141	Biochemical Analysis	P		-	-	4	15	10	25	75	100	02	√	√	√					4 QUALITY EDUCATION
5.	- B030202T/MT148 - A040209T/LN109 - B150203T/ES135; - B150204P/ES136 --	- Basic Mathematics & Statics - Basics of Communication - Eco-restoration and Invaded Ecosystems; - Ecosystems Dynamic Lab - BS	T	Minor Course	3	1	4	15	10	25	75	100	06	√	√	√		√	√	√	4 QUALITY EDUCATION
6.	- B000201V/CH144 --	- Laboratory Safety & Sample Handling - MOOCs/SWAYAM etc.	T + P	Vocational	1	-	2	-	-	-	100	100	03	√		√		√	√	√	4 QUALITY EDUCATION 13 CLIMATE ACTION
7.	Z020201T/NS110	First Aid and Health	T	Co-curricular	2	-	-	15	10	25	75	100	02	√		√		√	√	√	3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION
8.	B020205T/CH159	Advanced Application of Artificial Intelligence in Chemical Sciences*	T	Audit Course	2	-	-	-	-	-	100	100	00	√	√	√					4 QUALITY EDUCATION 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
TOTAL					14	03	14	90	60	150	650	800	23								

*Qualifying (Non-Credit Course)