



w.e.f. July, 2025-26
B.Sc. Honours in Industrial Chemistry (<75% Marks)
4th Year / 7th Semester



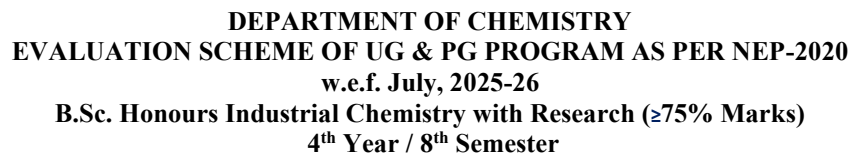
Year 7 - Semester 1																					
S. No.	Course Code	Course Title	(T)Theory (P) Practical	Course Type	Periods per Week			Evaluation Scheme			End Semester	Subject Total	Total Credit	Attributes							United Nations Sustainable Development Goals (SDGs)
					Lecture	Tutorial	Practical	Class Test	Teacher Assessment	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Values	Professional Ethics	
THEORIES																					
1.	B020701T/CH431	Inorganic Chemistry-I	T	Core Major	05	01	00	15	10	25	75	100	04	√	√					 4 QUALITY EDUCATION  9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	
2.	B020702T/CH432	Organic Chemistry-I	T		05	01	00	15	10	25	75	100	04	√	√		√			 4 QUALITY EDUCATION  9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	
3.	B020703T/CH433	Physical Chemistry-I	T		05	01	00	15	10	25	75	100	04	√	√	√		√	√	√	 4 QUALITY EDUCATION
4.	B190701T/CH434	Concepts and Applications of Environmental Chemistry	T		05	01	00	15	10	25	75	100	04	√	√	√		√			 6 CLEAN WATER AND SANITATION  11 SUSTAINABLE CITIES AND COMMUNITIES
PRACTICALS																					
5.	B190702P/CH437	Industrial Chemistry Laboratory-I	P	Core Major	00	00	04	15	10	25	75	100	04	√	√					 4 QUALITY EDUCATION	
TOTAL					20	04	04	75	50	125	375	500	20								



DEPARTMENT OF CHEMISTRY
EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020
w.e.f. July, 2025-26
B.Sc. Honours Industrial Chemistry with Research (≥75% Marks)
4th Year / 7th 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			
THEORIES																							
1.	B020701T/CH431	Inorganic Chemistry-I	T	Core Major	05	01	00	15	10	25	75	100	04	√		√				 4 QUALITY EDUCATION	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE		
2.	B020702T/CH432	Organic Chemistry-I	T		05	01	00	15	10	25	75	100	04	√		√		√		 4 QUALITY EDUCATION	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE		
3.	B020703T/CH433 or B190701T/CH434	Physical Chemistry-I or Concepts and Applications of Environmental Chemistry	T	Elective	05	01	00	15	10	25	75	100	04	√	√	√		√	√	√	 4 QUALITY EDUCATION	 6 CLEAN WATER AND SANITATION	 11 SUSTAINABLE CITIES AND COMMUNITIES
PRACTICALS																							
4.	B190702P/CH437	Industrial Chemistry Laboratory-I	P	Core Major	00	00	04	15	10	25	75	100	04	√		√					 4 QUALITY EDUCATION		
5.	B190703R/CH436	Industrial Chemistry Research Project-3	P	Research Project	00	00	08	00	00	00	100	100	04	√	√	√		√	√	√	 4 QUALITY EDUCATION	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
TOTAL					15	03	12	60	40	100	400	500	20										



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	
THEORIES																					
1.	B190801T/CH439	Dyes, Paints, Pigments & Oleo Chemicals	T	Core Major	05	01	00	15	10	25	75	100	04	√	√				   		
2.	B190802T/CH440	Petrochemicals and Agrochemicals	T		05	01	00	15	10	25	75	100	04	√	√		√		 		
3.	B190803T/CH441 Or B190804T/CH442	Quality Control, Chemical Safety & Industrial Hygiene Measures Or Advanced Analytical Techniques	T	Elective	05	01	00	15	10	25	75	100	04	√	√	√		√	√	   	
PRACTICALS																					
4.	B190805P/CH443	Industrial Chemistry Laboratory-II	P	Core Major	00	00	04	15	10	25	75	100	04	√	√						
5.	B190806R/CH444	Industrial Chemistry Research Project-4	P	Research Project	00	00	08	00	00	00	100	100	04	√	√	√		√	√	  	
TOTAL					15	03	12	60	40	100	400	500	20								