



DEPARTMENT OF CHEMISTRY
EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020
w.e.f. July, 2024-25
B.Sc. in Industrial Chemistry with Honours
3rd Year / 5th 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.	B190501T/CH331	Industrial Chemicals	T	Core Major	3	1	-	15	10	25	75	100	04	✓		✓		✓			8 8 9 9	
2.	B190502T/CH332	Pollution, its Management, and Industrial Economics	T		3	1	-	15	10	25	75	100	04	✓		✓		✓			9 9	
3.	B190503P/CH333	Industrial Chemicals and pollution Management	P		-	-	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	12 12	
4.	B020503P/CH339	Qualitative Analysis	P		-	-	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	12 12	
5.	B190504T/CH334	Industrial Aspects of Chemistry	T		3	1	-	15	10	25	75	100	04	✓		✓					9 9	
6.	B190505T/CH335	Food and Dairy Chemistry	T	Research Project	3	1	-	15	10	25	75	100	04	✓		✓		✓			12 12	
7.	B190504R/CH336	Industrial Chemistry Research Project-1	P		-	-	10	-	-	-	-	100	05	✓	✓	✓		✓			9 6 12	
TOTAL					12	04	18	90	60	150	450	700	25									



DEPARTMENT OF CHEMISTRY
EVALUATION SCHEME OF UG & PG PROGRAM AS PER NEP-2020
w.e.f. July, 2024-25
B.Sc. in Industrial Chemistry with Honours
3rd Year / 6th 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.	B020601T/CH353	Organic Synthesis-B	T	Core Major	3	1	-	15	10	25	75	100	04	√		√					 
2.	B020602T/CH354	Chemical Energetics and Radiochemistry	T		3	1	-	15	10	25	75	100	04	√		√		√			 
3.	B020603P/CH355	Analytical Methods	P		-	-	4	15	10	25	75	100	02	√	√	√		√	√	√	 
4.	B190604R/CH346	Industrial Chemistry Research Project-2	R	Research Project	-	-	10	-	-	-	-	100	05	√	√	√		√	√	√	  
POLYMER SCIENCE (01*)																					
5.	B190601T/CH343	Synthetic Polymer	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√					
6.	B190602T/CH344	Polymerization Techniques and Characterization	T		3	1	-	15	10	25	75	100	04	√	√	√					
7.	B190603P/CH345	Synthesis and Analysis of Polymers	P		-	-	4	15	10	25	75	100	02	√	√	√		√			 
PHARMACEUTICAL CHEMISTRY (02*)																					
8.	B190605T/CH347	Pharmaceutical and Phytochemicals	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√					
9.	B190606T/CH348	Medicinal Chemistry and Toxicology	T		3	1	-	15	10	25	75	100	04	√	√	√					
10.	B190607P/CH349	Experimental Pharmaceutical Chemistry-I	P		-	-	4	15	10	25	75	100	02	√	√	√		√			 
AGROCHEMICALS (03*)																					
11.	B190609T/CH350	General & Halogenated Insecticides	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√					
12.	B190610T/CH351	Fungicides and Herbicides	T		3	1	-	15	10	25	75	100	04	√	√	√					
13.	B190611P/CH352	Analysis of Agrochemicals-I	P		-	-	4	15	10	25	75	100	02	√	√	√		√			 
TOTAL					12	04	18	90	60	150	450	700	25								

*Choose Any One Combination (01, 02, 03)