



**Integral University, Lucknow**  
**Department of Chemistry**

Evaluation Scheme of Undergraduate & Post Graduate Program as per NEP-2020 Guidelines  
w.e.f. Session 2022-23

**B.Sc. Industrial Chemistry**

**Year: Third / Semester: Sixth (Even 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	-	-	6	-	-	-	-	100	03	√	√	√		√	√	√			  
5.	Z060601T	Communication Skills and Personality Development	T	Co-curricular	2	0	0	15	10	25	75	100	02	√	√	√		√	√	√			
<b>POLYMER SCIENCE (01*)</b>																							
6.	B190601T/CH343	Synthetic Polymer	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√							
7.	B190602T/CH344	Polymerization Techniques and Characterization	T		3	1	-	15	10	25	75	100	04	√	√	√							
8.	B190603P/CH345	Synthesis and Analysis of Polymers	P		-	-	4	15	10	25	75	100	02	√	√	√		√					 
<b>PHARMACEUTICAL CHEMISTRY (02*)</b>																							
9.	B190605T/CH347	Pharmaceutical and Phytochemicals	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√							
10.	B190606T/CH348	Medicinal Chemistry and Toxicology	T		3	1	-	15	10	25	75	100	04	√	√	√							
11.	B190607P/CH349	Experimental Pharmaceutical Chemistry-I	P		-	-	4	15	10	25	75	100	02	√	√	√		√					 
<b>AGROCHEMICALS (03*)</b>																							
12.	B190609T/CH350	General & Halogenated Insecticides	T	Core Major	3	1	-	15	10	25	75	100	04	√	√	√							
13.	B190610T/CH351	Fungicides and Herbicides	T		3	1	-	15	10	25	75	100	04	√	√	√							
14.	B190611P/CH352	Analysis of Agrochemicals-I	P		-	-	4	15	10	25	75	100	02	√	√	√		√					 
<b>TOTAL</b>					<b>14</b>	<b>04</b>	<b>14</b>	<b>105</b>	<b>70</b>	<b>175</b>	<b>525</b>	<b>800</b>	<b>25</b>							 			