

<b>M.Sc. Chemistry (Analytical Chemistry) Scheme of Curriculum (2022-23 Batch)</b>					
<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Credit</b>
<b>SEMESTER-I</b>					
<b>06100101</b>	ORGANIC CHEMISTRY-I	3	0	2	4
<b>06100111</b>	ANALYTICAL CHEMISTRY-I	3	0	2	4
<b>06100141</b>	PHYSICAL CHEMISTRY-I	3	0	2	4
<b>06100131</b>	INORGANIC CHEMISTRY-I	3	0	2	4
<b>06000101</b>	ENGLISH COMMUNICATION LIFE SKILLS I	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-II</b>					
<b>06100201</b>	ORGANIC CHEMISTRY-II	3	0	2	4
<b>06100211</b>	ANALYTICAL CHEMISTRY-II	3	0	2	4
<b>06100241</b>	INORGANIC CHEMISTRY-II	3	0	2	4
<b>06100231</b>	PHYSICAL CHEMISTRY-II	3	0	2	4
<b>06000201</b>	ENGLISH COMMUNICATION LIFE SKILLS II	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-III</b>					
<b>06100311</b>	ANALYTICAL CHEMISTRY-III	4	0	0	4
<b>06100312</b>	ANALYTICAL CHEMISTRY-IV	4	0	0	4
<b>06100313</b>	ANALYTICAL CHEMISTRY-V	4	0	0	4
<b>06100314</b>	ANALYTICAL CHEMISTRY-VI	4	0	0	4
<b>06100315</b>	ANALYTICAL CHEMISTRY PRACTICAL	0	-	16	8
	<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>24</b>
<b>SEMESTER-IV</b>					
<b>06100411</b>	ANALYTICAL CHEMISTRY-VII	4	0	0	4
<b>06100412</b>	ANALYTICAL CHEMISTRY-VIII	4	0	0	4
<b>06100413</b>	ANALYTICAL CHEMISTRY-IX	4	0	0	4
<b>06100414</b>	ANALYTICAL CHEMISTRY-X	4	0	0	4
<b>06100415</b>	MAJOR PROJECT	0	-	16	8
	<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>24</b>

**M.Sc. Chemistry (Industrial Chemistry) Scheme of Curriculum  
(2022-23 Batch)**

Course Code	Course Name	L	T	P	Credit
<b>SEMESTER-I</b>					
06100101	ORGANIC CHEMISTRY-I	3	0	2	4
06100111	ANALYTICAL CHEMISTRY-I	3	0	2	4
06100141	PHYSICAL CHEMISTRY-I	3	0	2	4
06100131	INORGANIC CHEMISTRY-I	3	0	2	4
06000101	ENGLISH COMMUNICATION LIFE SKILLS I	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-II</b>					
06100201	ORGANIC CHEMISTRY-II	3	0	2	4
06100211	ANALYTICAL CHEMISTRY-II	3	0	2	4
06100241	INORGANIC CHEMISTRY-II	3	0	2	4
06100231	PHYSICAL CHEMISTRY-II	3	0	2	4
06000201	ENGLISH COMMUNICATION LIFE SKILLS II	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-III</b>					
06100321	FUNDAMENTALS OF INDUSTRIAL CHEMISTRY	4	0	0	4
06100322	INDUSTRIAL SPECTROSCOPIC TECHNIQUES	4	0	0	4
06100323	SYNTHETIC DYES AND POLYMER CHEMISTRY	4	0	0	4
06100324	PROCESS DEVELOPMENT IN CHEMICAL INDUSTRIES	4	0	0	4
06100325	INDUSTRIAL CHEMISTRY PRACTICAL	0	0	12	6
06100326	PROJECT WORK / INTERNSHIP (PW)	0	0	4	2
	<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>24</b>
<b>SEMESTER-IV</b>					
06100421	CHEMICAL INDUSTRIES	4	0	0	4
06100422	PHARMACEUTICAL INDUSTRIES AND IPR	4	0	0	4
06100423	NATURAL PRODUCTS	4	0	0	4
06100424	DISSERTATION	0	0	24	12
	<b>TOTAL</b>	<b>12</b>	<b>0</b>	<b>24</b>	<b>24</b>

**M.Sc. Chemistry (Organic Chemistry) Scheme of Curriculum  
(2022-23 Batch)**

Course Code	Course Name	L	T	P	Credit
<b>SEMESTER-I</b>					
06100101	ORGANIC CHEMISTRY-I	3	0	2	4
06100111	ANALYTICAL CHEMISTRY-I	3	0	2	4
06100141	PHYSICAL CHEMISTRY-I	3	0	2	4
06100131	INORGANIC CHEMISTRY-I	3	0	2	4
06000101	ENGLISH COMMUNICATION LIFE SKILLS I	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-II</b>					
06100201	ORGANIC CHEMISTRY-II	3	0	2	4
06100211	ANALYTICAL CHEMISTRY-II	3	0	2	4
06100241	INORGANIC CHEMISTRY-II	3	0	2	4
06100231	PHYSICAL CHEMISTRY-II	3	0	2	4
06000201	ENGLISH COMMUNICATION LIFE SKILLS II	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>19</b>
<b>SEMESTER-III</b>					
06100301	ORGANIC CHEMISTRY-III	4	0	0	4
06100302	ORGANIC CHEMISTRY-IV	4	0	0	4
06100303	ORGANIC CHEMISTRY-V	4	0	0	4
06100304	ORGANIC CHEMISTRY-VI	4	0	0	4
06100305	ORGANIC CHEMISTRY PRACTICAL	-	-	16	8
	<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>24</b>
<b>SEMESTER-IV</b>					
06100401	ORGANIC CHEMISTRY-VII	4	0	0	4
06100402	ORGANIC CHEMISTRY-VIII	4	0	0	4
06100403	ORGANIC CHEMISTRY-IX	4	0	0	4
06100404	ORGANIC CHEMISTRY-X	4	0	0	4
06100405	MAJOR PROJECT	-	-	0	8
	<b>TOTAL</b>	<b>16</b>	<b>0</b>	<b>16</b>	<b>24</b>