

K L E F
DEPARTMENT OF CHEMISTRY
2018-2020 M.Sc BATCH
Program Articulation Matrix

S.No	Course Code	Course Name	Category	L	T	P	S	C	P	PO					
										1	2	3	4	5	6
1	18CY1101	General Chemistry-I	Prof. Core	4	0	0	0	4	-	2	1	2	3		
2	18CY1102	Inorganic Chemistry-I	Prof. Core	4	0	6	0	7	-	2	1	2	3	2	
3	18CY1103	Organic Chemistry-I	Prof. Core	4	0	6	0	7	-	2	2	3			
4	18CY1104	Physical Chemistry-I	Prof. Core	4	0	6	0	7	-	2	2	3	2		
5	18CY1201	General Chemistry-II	Prof. Core	4	0	0	0	4	-	2	1	2			
6	18CY1202	Inorganic Chemistry-II	Prof. Core	4	0	6	0	7	-	1		2	2		3
7	18CY1203	Organic Chemistry-II	Prof. Core	4	0	6	0	7	-	1	2	2	2	1	3
8	18CY1204	Physical Chemistry-II	Prof. Core	4	0	6	0	7	-	1	1	2	2	3	2
9	18CY2111	Instrumental Methods of Analysis-I	Prof. Core	4	0	6	0	7	-	1	2	3	2	2	
10	18CY2112	Quality Control and Traditional Methods of Analysis-I	Prof. Core	4	0	0	0	4	-	1	2	2	3	2	
11	18CY2113	Applied Analysis-I	Prof. Core	4	0	6	0	7	-	1	2	2	2	2	
12	18CY2101	Photo Chemistry and Pericyclic reactions	Prof. Core	4	0	6	0	7	-	1	2	2	2	2	
13	18CY2102	Organic Synthesis-I	Prof. Core	4	0	6	0	7	-	1	2	3	3	3	
14	18CY2103	Organic Spectroscopy	Prof. Core	4	0	0	0	4	-	1	2	2	3	3	
15	18CY2211	Instrumental Methods of Analysis-II	Prof. Core	4	0	6	0	7	-	1	2	2	2	3	
16	18CY2212	Advanced Applied Analysis	Prof. Core	4	0	6	0	7	-	1	2	2	2	3	
17	18CY2213	Dissertation with Research Publication	Skill Development	0	0	1	0	6	-						

18	18CY2201	Reaction Mechanism and named reactions.	Prof. Core	4	0	6	0	7	-	1	2	2	2	2		
19	18CY2202	Organic Synthesis-II	Prof. Core	4	0	6	0	7	-	2	3	2	2			
20	18CY2203	Dissertation with Research Publication	Skill Development	0	0	12	0	6	-							
21	18CY2114	Separation Techniques-I	Prof. Electives	3	0	0	0	3	-	1	2	2	3	3		
22	18CY2115	Applications of Chemical Spectroscopy	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
23	18CY2116	Bio analytical Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
24	18CY2117	Environmental Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
25	18CY2118	Surface Analytical Techniques	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2	3	
26	18CY2119	Analysis of Food and Drugs	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2	2	
27	18CY2104	Techniques for Modern Industrial Applications	Prof. Electives	3	0	0	0	3	-	1	2	3	2	3	3	
28	18CY2105	Advanced Heterocyclic Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
29	18CY2106	Bio Organic Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2	3	
30	18CY2107	Green Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2	3	
31	18CY2108	Food Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
32	18CY2109	Medicinal chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2			
33	18CY2110	Nano Chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2			
34	18CY2214	Separation Techniques-II	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2	3	

35	18CY2215	Quality Control and Traditional Methods of Analysis-II	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		
36	18CY2204	Advanced Organic Spectroscopy	Prof. Electives	3	0	0	0	3	-	2	2	3	2	3		
37	18CY2205	Natural products and Bio Molecules	Prof. Electives	3	0	0	0	3	-	2	2	3	2	3		
38	18CY2206	Organometallic chemistry	Prof. Electives	3	0	0	0	3	-	1	2	3	2	2		