

Percentage of Revision of B.Sc., Chemistry Syllabus under Regulation 2019

DEPARTMENT OF CHEMISTRY

S. No	Course Code	Course Title	Change Details	% of Changes	Content Deleted	Content Updated	Reason for Change (Subject Expert / Course Teacher / Alumni Opinion)
1	19UCY101	Core Paper – I : Inorganic and Organic Chemistry	Unit 1 - 5	0%	-	-	-
2	19UCY202	Core Paper – II : Organic and Physical Chemistry	Unit I - 5	5%	Succinic Acid in Unit I	Alcohols – General methods of Preparation and its Chemical properties, Ethers – General methods of Preparation and its Chemical properties, General methods of Preparation and its Chemical properties of diethyl ethr.	-

3	19UCY203	Core Practical - I : Inorganic Qualitative Analysis	Unit 1 - 5	0%	Nil -	Nil -	-
4.	19UCY304	Core - III : Inorganic and Physical Chemistry	Unit 1	10%	Fertilizer	Extraction of Mn,Zn,Fe & Ni	Subject Expert
5	19UCY3N1	Non Major Elective - I : Food Science and Technology	Unit 1 - 5	0%	-	-	-
6	19UCY3N2	Non Major Elective - I : Chemistry of Consumer Products	-	0%	-	-	-
7	19UCY405	Core - IV : Inorganic, Organic and Physical Chemistry	Unit 1 - 5	0%	-	-	-
8	19UCY406	Core Practical II : Volumetric and Organic Qualitative Analysis	Unit 1 - 5	10%	Estimation of Calcium - Preparation of m-dinitrobenzene	-	Subject Expert
9	19UCY4N3	Non Major Elective - II : Water and Water	Unit 1 - 5	0%	-	-	-

		Treatment Processes					
10	19UCY4N4	Non Major Elective - II : Diagnostic Chemistry	Unit 1 - 5	0%	-	-	-
11	19UPS3A3/ 19UBY3A4 /19UZY3A4	Allied Chemistry Paper - I : Inorganic, Organic and Physical Chemistry	Unit 1 - 5	5%	-	Introduce the concept of Aromaticity in Unit - III	Subject Expert
12	19UPS4A4/ 19UBY4A5 /19UZY4A5	Allied Chemistry Paper - II : Inorganic, Organic and Physical Chemistry	Unit 1 - 5	0%	-		
13	19UPS4A5/ 19UBY4A6 /19UZY4A6	Allied Chemistry Practical	Unit 1 - 5	0%	-	-	-
14	19UCY507	Core Paper - V : Nuclear and Co-ordination Chemistry	Unit 1 - 5	5%	-	Need of Nuclear Energy in India in Unit - I	Subject Expert
15	19UCY508	Core Paper - VI : Organic Chemistry-I	Unit 1 - 5	0%	-	-	-
16	19UCY509	Core Paper - VII : Electro Chemistry	Unit 1	5%	-	Zn-Ni Accumulator-	Subject Expert

17	19UCY510	Core Paper- VIII : Dye Chemistry	Unit 1 - 5	0%	-	-	-
18	19UCY5E1	Core Elective I : Analytical Chemistry	Unit 1 - 5	0%	-	-	-
19	19UCY5E2	Core Elective Practical : Application Oriented Practical	Unit 1 - 5	10%	Preparation of Malachite green-	Determination of boiling point of Organic compound-	Subject Expert
20	19UCY5S1	Skill Based Elective -I : Network and Information security	Unit 1 - 5	0%	-	-	-
21	19UCY5S2	Skill Based Elective -I : Cyber Security- Ethical Hacking	Unit 1 - 5	0%	-	-	-
22	19UCY611	Core Paper – IX : Physical Methods and Chemical Structure	Unit 1 - 5	0%	-	-	-
23	19UCY612	Core Paper – X : Organic Chemistry-II	Unit 1 - 5	0%	-	-	-
24	19UCY613	Core Paper – XI : Chemical Kinetics and Photo Chemistry	Unit 1 - 5	0%	-	-	-
25	19UCY6E3	Core Elective III : Polymer	Unit 1	5%	-	Introduction to biodegradable	Subject Expert

		Chemistry					
26	19UCY614	Project work	Unit 1 - 5	0%	-	polymer-	-
27	19UCY615	Core Practical III: Gravimetric Analysis and Physical Chemistry	Unit 1 - 5	0%	-	-	-
28	19UCY6S3	Skill Based Elective - II : Green chemistry	Unit 1 - 5	0%	-	-	-
32	19UCY6S4	Skill Based Elective - II : Theory behind Practical chemistry	Unit 1 - 5	0%	-	-	-

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