

Program matrix

Course Details: Department of Chemistry UG – R24 Batch

Semester	Generic Code	Course Code	Course Title	PPW	Credit	CIA	ESE	Passing minimum in	
								ESE	Aggregate
I	DSC 1	CHE101	CHEMISTRY - I	4	4	30	70	28	40
	DSC 1 - Pr	CHE111	Qualitative Analysis-Semi Microanalysis of mixtures	3	1	15	35	14	20
	SOC	SOC201	Dyes and Textiles	2	2	15	35	14	20
II	DSC 2	CHE202	CHEMISTRY - II	4	4	30	70	28	40
	DSC 2 - Pr	CHE212	Quantitative Analysis-Volumetric Analysis	3	1	15	35	14	20
	SOC	SOC201	Dyes and Textiles	2	2	15	35	14	20
III	DSC 3	CHE303	CHEMISTRY - III	4	4	30	70	28	40
	DSC 3 - Pr	CHE313	Synthesis of Organic Compounds	3	1	15	35	14	20
	SEC 2	SEC302 (A)	Safety Rules in Chemistry Laboratory and Lab Reagents	2	2	15	35	14	20
		SEC302 (B)	Methods for Pollution prevention and Control	2	2	15	35	14	20
IV	DSC 4	CHE404	CHEMISTRY - IV	4	4	30	70	28	40
	DSC 4 - Pr	CHE414	Qualitative analysis of Organic Compounds	3	1	15	35	14	20
	SEC 4	SEC404 (A)	Safety Rules in Chemistry Laboratory and Lab Reagents	2	2	15	35	14	20

		SEC404 (B)	Methods for Pollution prevention and Control	2	2	15	35	14	20
V	DSE A	CHE505 A	Spectroscopy, Separation techniques and Medicinal Chemistry - I	4	4	30	70	28	40
		CHE505 B	Metallurgy, Dyes and Catalysis	4	4	30	70	28	40
		CHE515	Experiments in Physical Chemistry - 1	3	1	15	35	14	20
		GE505 A	Chemistry of Cosmetics, Food Processing, Drugs and Pharmaceuticals	4	4	30	70	28	40
		GE505 B	Research Methodology	4	4	30	70	28	40
VI	DSE A	CHE606 A	Spectroscopy, Separation techniques and Medicinal Chemistry - II	4	4	30	70	28	40
		CHE606 B	Agricultural and Fuel Chemistry	4	4	30	70	28	40
		CHE616	Experiments in Physical Chemistry - II	3	1	15	35	14	20
		CHE607	Project /Core Paper (Advanced Chemistry)	4	4	30	70	28	40

NOTE:

ESE Duration: 2.30 Hrs. for all 70 Marks Courses
3.00 Hrs. for Practical courses