



M.Sc. I Organic Chemistry NEP 2025-26

Level / Year	Sem	Major		Minor	OE Open Elective	VSC SEC (VSEC) Skill Based	AEC VEC IKS	OJT FP CEP CC RP	Total
		Mandatory DSC	Electives DSE						
6 / I	I	CHE51101 Thermodynamics and Chemical Kinetics (4C) CHE51102 Stereochemistry and Organic syntheses (4C) CHE51103 Physical Chemistry Practical -I (2C) CHE51104 : Inorganic Chemistry Practical -I (2C) CHE51105 Organic Chemistry Practical -I (2C)	CHE51106 Molecular Symmetry and Chemistry of Main Group Elements (4C)	CHE51207 Research Methodology (2C) CHE51208 Research Methodology Practical (2C)					22
	II	CHE52101 Coordination and Bioinorganic Chemistry (4C) CHE52102 Photochemistry and Organic Spectroscopy (4C) CHE52103 Physical Chemistry Practical-II (2C) CHE52104 Inorganic Chemistry Practical-II (2C) CHE52105 Organic Chemistry Practical-II (2C)	CHE52106 Molecular Spectroscopy, Nuclear and Radiation Chemistry (4C)					CHE 52607 OJT / RP (4C)	22



M.Sc. II Organic Chemistry NEP 2025-26

Level / Year	Sem	Major		Minor	OE Open Elective	VSC SEC (VSEC) Skill Based	AEC VEC IKS	OJT FP CEP, CC, RP	Total
		Mandatory DSC	Electives DSE						
6.5 / II	III	CHE63101 Organic Reaction Mechanism and Pericyclic Chemistry (4C) CHE63102 Advanced Organic Spectroscopy (4C) CHE63103 Heterocyclic Chemistry (2C) CHE63104 Ternary mixture separation (2C) CHE63105 Convergent and Divergent Syntheses (2C)	CHE63106 Organic Stereochemistry and Asymmetric syntheses (4C)					CHE 63607 RP (4C)	22
	IV	CHE64101 Chemistry of Natural Products (4C) CHE64102 Synthetic Organic Chemistry (4C) CHE64103 Medicinal Chemistry (2C) CHE64104 Practical Organic Synthesis (2C)	CHE64105 Retrosynthesis and Protecting-Deprotecting reagents (4C)					CHE 64606 RP (6C)	22