

DEPARTMENT OF CHEMISTRY

MASTER OF SCIENCE- CHEMISTRY (As per NEP-2020)

SEM I Major Subject (Mandatory) 01MSCCH01 Paper I - (Inorganic Chemistry) 01MSCCH02 Paper II – (Organic Chemistry) 01MSCCH03 Paper III - (Physical Chemistry) Major Elective (Any One) 01MSCCH04 Paper IV (Analytical Chemistry) 01MSCCH05 Paper IV (Ind. Chem. & Env.) 01MSCCH06 Paper IV (Green Chemistry) 01MSCCH07 Paper IV (Hetcyc. & Nat. Prod.) 01MSCCH08 Paper IV (Pharm. & Cosm. Chemistry) Practical 01MSCCHL1 Practical I (Based on Paper I & II) Compulsory Paper (RM) 01MSCCH09 Paper V (Research Methodology) 01MSCCHSI Seminar I	SEM II Major Subject (Mandatory) 02MSCCH01 Paper I - (Inorganic Chemistry) 02MSCCH02 Paper II – (Organic Chemistry) 02MSCCH03 Paper III - (Physical Chemistry) Major Elective (Any One) 02MSCCH04 Paper IV (Analytical Chemistry) 02MSCCH05 Paper IV (Inorg. Mat. of Ind. Imp.) 02MSCCH06 Paper IV (Polymer Chemistry) 02MSCCH07 Paper IV (Mol. Spectroscopy) 02MSCCH08 Paper IV (Front. In Electrochemistry) Practical 02MSCCHL3 Practical III 02MSCCHL2 Practical IV 02MSCCH09 Paper V (OJT/FP) 02MSCCHS2 Seminar II
SEM III Major Subject (Mandatory) STPG03CHE01 Special - I (Organic Chemistry) STPG03CHE02 Special - II (Organic Chemistry) STPG03CHE03 Paper III (Spectroscopy - I) Major Elective (Any One) STPG03CHE04 Paper IV (Polymer Chemistry - I) STPG03CHE05 Paper IV (Medicinal Chemistry - I) STPG03CHE06 Paper IV (Nuclear Chemistry – I) STPG03CHE07 Paper IV (Appl. Analytical – I) Practical STPG03CHE08 Practical (Based on Major) STPG03CHE09 Practical ((Based on Major Elective) STPG03CHE10 Paper V (Research Project phase – I)	SEM IV Major Subject (Mandatory) STPG04CHE01 Special - III (Organic Chemistry) STPG04CHE02 Special - IV (Organic Chemistry) Major Elective (Any One) STPG03CHE03 Paper III (Polymer Chemistry - II) STPG03CHE04 Paper III (Medicinal Chemistry - II) STPG03CHE05 Paper III (Nuclear Chemistry – II) STPG03CHE06 Paper III (Appl. Analytical – II) Practical STPG03CHE07 Practical III (Based on Major) STPG03CHE08 Practical IV ((Based on Major) STPG03CHE08 Paper IV (Research Project phase – II)