M.Sc. Hons-Computational Chemistry (2 Year)

S.No.	Year 1		Year 2	
	Semester 1	Semester 2	Semester 3	Semester 4
1	Organic Spectroscopy and Structure Elucidation **[CU:6; L-4, P-2] {MCC}**	Molecular Simulations **[CU:6; L-4, P-2] {MCC}**	Industrial Green Chemistry and circular economy **[CU:4; L-3, P-1] {MCC}**	Structure Elucidation of Advance Materials **[CU:6; L-4, P-2] {MCC}**
2	Introduction to Computational Chemistry **[CU:6; L-4, P-2 {MCC}**	Electro-Analytical Techniques **[CU:6; L-4, P-2] {MCC}**	Advanced Instrumentation Techniques **[CU:6; L-4, P-2] {MCC}**	Density Functional Theory **[CU:6; L-4, P-2] {MC}**
3	Inorganic Reaction mechanism & Biochemistry **[CU:6; L-4, P-2] {MC}**	Organic Synthesis **[CU:6; L-4, P-2] {MC}**	Computational Methods [CU:4; L-4, P-0] **{MC}**	
4			IP Essentials: Protecting Your Ideas **[CU:3; L-3, P-0] {SEC}**	
5	Research Publications and Ethics **[CU:2; L-2, P-0] {SEC}**	Research Methodology **[CU:2; L-2, P-0] {SEC}**	RESEARCH **[CU:6; PS-10] {IL}**	RESEARCH **[CU:10; PS-10] {IL}**
6	Behavioral Science (PSY101) **[CU:1, L-1] {VAC}**	Behavioral Science (PSY101) **[CU:1, L-1] {VAC}**	Professional Ethics **[CU:1, L-1]{VAC}**	Professional Ethics **[CU:1, L-1] {VAC}**
7	Introduction to French Culture & Language (FOL101)/ Introduction to German Culture & Language (FOL102) **[CU:1, L-1] {VAC}**	Introduction to French Culture & Language (FOL101)/ Introduction to German Culture & Language (FOL102) **[CU:1, L-1] {VAC}**		
Credits	22	22	24	23

Semester-Wise Programme structure for M.Sc. Computational Chemistry