

 KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES		2-Year PG Degree			WITH EFFECT FROM THE ACADEMIC SESSION: 2026-27									
Abbreviated Degree	Discipline	Degree Programme	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks		
											Practical	Theoretical	Practical	Theoretical				
MSC	Chemistry	2-year PG Degree	I	Inorganic Chemistry General - I		MAJOR COURSEWORK	MSCCEMMC701	MC-1	3 - 0 - 4	5	25	30	15	20	35	100	500	
				Organic Chemistry General - I		MAJOR COURSEWORK	MSCCEMMC702	MC-2	3 - 0 - 4	5		30	15	20	35	100		
				Organic Chemistry General - II		MAJOR COURSEWORK	MSCCEMMC703	MC-3	3 - 0 - 4	5		30	15	20	35	100		
				Physical Chemistry General - I		MAJOR COURSEWORK	MSCCEMMC704	MC-4	3 - 0 - 4	5		30	15	20	35	100		
				Choose from the Pool of Minor Courses offered in 1 st Semester by other Disciplines within the faculty		MINOR	See Pool	MNC-1	4 - 1 - 0	5			30		70	100		
			II	Advanced General Chemistry-I		MAJOR COURSEWORK	MSCCEMMC801	MC-5	3 - 0 - 4	5	25	30	15	20	35	100	500	
				Advanced Inorganic Chemistry-I		MAJOR COURSEWORK	MSCCEMMC802	MC-6	3 - 0 - 4	5		30	15	20	35	100		
				Advanced Organic Chemistry-I		MAJOR COURSEWORK	MSCCEMMC803	MC-7	3 - 0 - 4	5		30	15	20	35	100		
				Advanced Physical Chemistry-I		MAJOR COURSEWORK	MSCCEMMC804	MC-8	3 - 0 - 4	5		30	15	20	35	100		
				Choose from the Pool of Minor Courses offered in 2 nd Semester by other Disciplines within the faculty		MINOR	See Pool	MNC-2	4 -1- 0	5			30		70	100		
			Student exiting the programmes after securing 50 credits will be awarded PG Diploma in the relevant Discipline/Subject provided they secure following 2 credits in work based vocational courses during 1 st year from the scheduled SWAYAM, NPTEL and ANY OTHER SIMILAR Courses.(Any one may persue a course having more than 2 credits but 2 credit weightage will be considered .															
			II	Vocational Course		VC	VC201	VC-1	0 - 0 - 4	2		30		20	50			
				Inorganic Chemistry Special - I		Group A		MSCCEMMCE901	MCE-1	4 - 1 - 0	5			30		70	100	
				Inorganic Chemistry Special - II				MSCCEMMCE902	MCE-2	4 - 1 - 0	5			30		70	100	
				Inorganic Chemistry Special -III				MSCCEMMCE903	MCE-3	4 - 1 - 0	5		60	40		100		
Organic Chemistry Special - I				MSCCEMMCE904	MCE-1	4 - 1 - 0		5		30			70	100				

			III	Organic Chemistry Special - II	Group B	Major Research Coursework Elective (Any one group to be opted)	MSCCEMMCE905	MCE-2	4 - 1 - 0	5	20		30		70	100	400	
				Organic Chemistry Special -III			MSCCEMMCE906	MCE-3	4 - 1 - 0	5		60		40		100		
				Physical Chemistry Special - II	Group C		MSCCEMMCE907	MCE-1	4 - 1 - 0	5			30		70	100		
				Physical Chemistry Special - II			MSCCEMMCE908	MCE-2	4 - 1 - 0	5			30		70	100		
				Physical Chemistry Special -III			MSCCEMMCE909	MCE-3	4 - 1 - 0	5		60		40		100		
				Research Methodology with AI			Research Methodology	MSCCEMRMAI901	RMC-1	3 - 0 - 4		5	30	15	20	35		100
			IV	Literature Review		Dissertation	MSCCEMRD1001	RDC-1	0 - 3 - 4	5	20	60		40		100	400	
				PG Dissertation		Dissertation	MSCCEMRD1002	RDC-2	0 - 10 - 10	15		180		120		300		
							Total Credit and Marks		TOTAL CREDIT					90	TOTAL MARKS			
Stuendts have to opt any of the groups of Major Research Coursework in Semester III.Students who want to undertake 2-year PG will be awarded PG Degree in the relevant Discipline / Subject provided they secure 90 credits																		
Abbreviations: MC-= Major Coursework;MN=Minor;MNC= Minor Course; VC=Vocational Course, MCE= Major Research Coursework Elective, RMAI= Research Methodology including Artificial Itelligence, RMC= Research Methodology including AI Course;RD=Research Dissertation; RDC=Research Dissertation Course; CA= Continuous Assessment, ESE= End Semester Examination, L= Lecture Hour; T= Tutorial Hour and P= Practical Hour/ Field Work and NA= Not Applicable																		
Note: Minor Courses (MNC) : Students of a particular PG Course will choose from the Pool of Minor Courses offered by disciplines other than the major discipline opted by the student Across the faculty																		
Semesterwise Pool of Minor Courses offered by Chemistry for other Disciplines across the Faculty																		
Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks				
									Practical	Theoretical	Practical	Theoretical						
Geogr:	I	ADVANCED PHYSICAL CHEMISTRY	MINOR	MSCCEMMN701	MNC-1	4 - 1 - 0	5	NA		30		70	100	NA				
	II	ADVANCED INORGANIC & ORGANIC CHEMISTRY		MSCCEMMN801	MNC-2	4 - 1 - 0	5			30		70	100					