



DETAILED TEACHING SCHEME

SCHOOL OF SCIENCE

PROGRAM: M.Sc. – ANALYTICAL CHEMISTRY

ACADEMIC YEAR – 2023-24

SEMESTER – I (Batch - 2023-25)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME												
Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR								
MGC101	Spectroscopy	4	0	0	3	4	100	Y	N	Assignment	Revised	
MGC112	Organic Chemistry-I	4	0	0	3	4	100	Y	N	Assignment	Revised	
MGC113	Analytical Chemistry-I	4	0	0	2	4	100	Y	N	Assignment	Revised	
MGC211	Separation Techniques	4	0	0	2	4	100	Y	N	Assignment	Revised	
MGC105	General Chemistry Experiments	0	0	8	0	4		Y	Y		New Cours	
	TOTAL	16	0	8	10	20						
	Total Teaching Hours 24											

Signature of HOD

Signature of Director



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SCHOOL OF SCIENCE

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ACADEMIC YEAR – 2023-24

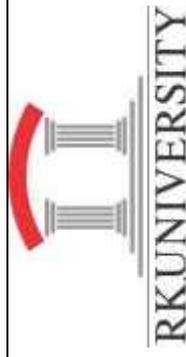
SEMESTER – II (Batch - 2023-25)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester.

TEACHING SCHEME												
Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR	PR							
MAC203	Instrumental Techniques in analytical Chemistry	4	0	0	3	4	100	Y	N	Assignment	New Cour	
MAC321	Advance Analytical Chemistry	4	0	0	3	4	100	Y	N	Assignment	Revised	
MAC313	Chemical Analysis for Quality control	4	0	0	2	4	100	Y	N	Assignment	Revised	
MOC314	Chemistry of Natural Products	4	0	0	2	4	100	Y	N	Assignment		
MAC204	Analytical Chemistry Experiments	0	0	8	0	4	---	Y	Y		New Cour	
	TOTAL	16	0	8	10	20						
	Total Teaching Hours 24											

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DETAILED TEACHING SCHEME

SCHOOL OF SCIENCE

PROGRAM: M.Sc. – ANALYTICAL CHEMISTRY

ACADEMIC YEAR – 2023-24

SEMESTER – III (Batch - 2022-24)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester, **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME											
Course Code	Course Name	Teaching Hours per week			SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR							
MAC311	Advance Analytical Chemistry	4	0	3	2	7	100	Y	Y	Assignment	
MAC302	Instrumental Techniques for Chemical Analysis	4	0	0	2	4	100	Y	N	Assignment	
MAC303	Chemical Analysis in Agro, Food and Pharmaceutical Industries	4	0	3	2	7	100	Y	Y	Assignment	
MOC304	Chemistry of Natural Products	4	0	3	2	7	100	Y	Y	Assignment	
	TOTAL	16	0	9	8	25					
	Total Teaching Hours 25										

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DETAILED TEACHING SCHEME

SCHOOL OF SCIENCE

PROGRAM: M.Sc. - ANALYTICAL CHEMISTRY

ACADEMIC YEAR – 2023-24

SEMESTER – IV (Batch - 2022-24)

DEFINITION OF CREDIT: **1. Lecture (L):** 1 hour/week/semester, **2. Practical (P):** 2 hours/week/semester **3. Tutorial(T):** 2 hours/week/semester

TEACHING SCHEME

Course Code	Course Name	Teaching Hours per week				SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		TH	TU	PR								
	Elective	-	-	-	10	25	-	Y	Y			
	TOTAL	-	-	-	10	25	-					

Departmental Elective – I (Anyone Offered)

Course Code	Course Name	Teaching Hours			SSH	Credits	Max. Marks of TSEE	CIE	PSEE	TCIE - I Assessment Method	Remarks any
		Theory	Tutorial	Practical							
MAC401	Project (Dissertation)	-	-	-	10	25	-	Y	Y		
MAC402	Internship	-	-	-	10	25	-	Y	Y		

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