

Semester – I							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
Core Course							
1	MSCM101	Analytical Chemistry – I	4	0	2	6	150
2	MSCM102	Organic Chemistry – I	4	0	2	6	150
3	MSCM103	Physical Chemistry – I	4	0	2	6	150
4	MSCM104	Inorganic Chemistry – I	4	0	2	6	150
5	MSCM105	Internship – I	0	0	0	2	50
6	MSCM106	Communication Skills – I	1	1	0	2	50
7	MSCM107	Comprehensive Viva – I	0	2	0	2	50
Total						30	750

Semester – II							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
A. Core Course							
1	MSCM201	Analytical Chemistry – II	4	0	2	0	150
2	MSCM202	Organic Chemistry – II	4	0	2	6	150
3	MSCM203	Physical Chemistry – II	4	0	2	6	150
4	MSCM204	Inorganic Chemistry – II	4	0	2	6	150
5	MSCM205	Internship – II	0	0	0	2	50
6	MSCM206	Communication Skills – II	1	1	0	2	50
7	MSCM207	Comprehensive Viva – II	0	2	0	2	50
Total						30	750

Semester – III (Analytical Chemistry)								
Sr. No.	Course Code	Course Title	L	T	P	C	Marks	
A. Core Course								
1	MSCM301	Analytical Chemistry – III	4	0	2	6	150	
2	MSCM302	Analytical Chemistry – IV	4	0	2	6	150	
3	MSCM303	Analytical Chemistry – V	4	0	2	6	150	
4	MSCM306	Internship – III	0	0	0	2	50	
5	MSCM307	Communication Skills-III	1	1	0	2	50	
6	MSCM308	Comprehensive Viva-III	0	2	0	2	50	
7	MSCM309	Dissertation	0	1	1	2	50	
B. Elective Courses								
8	MSCM304	Computer Application in Chemistry	3	0	1	4	100	
9	MSCM305	Research Methodology	4	0	0			
Total							30	750

Semester – III (Organic Chemistry)								
Sr. No.	Course Code	Course Title	L	T	P	C	Marks	
A. Ability Enhancement Compulsory Course								
1	MSCM311	Organic Chemistry – III	4	0	2	6	150	
2	MSCM312	Organic Chemistry – IV	4	0	2	6	150	
3	MSCM313	Organic Chemistry – V	4	0	2	6	150	
4	MSCM316	Internship – III	0	0	0	2	50	
5	MSCM307	Communication Skills-III	1	1	0	2	50	
6	MSCM308	Comprehensive Viva-III	0	2	0	2	50	
7	MSCM309	Dissertation	0	1	1	2	50	
B. Elective Courses								
8	MSCM304	Computer Application in Chemistry	3	0	1	4	100	
9	MSCM305	Research Methodology	4	0	0			
Total							30	750

Semester – IV (Analytical Chemistry)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
A. Core Course							
1	MSCM401	Analytical Chemistry – VI	4	0	2	4	100
2	MSCM402	Analytical Chemistry – VII	4	0	2	4	100
3	MSCM403	Analytical Chemistry – VIII	4	0	2	4	100
4	MSCM407	Communication Skills – IV	1	1	0	2	50
5	MSCM408	Dissertation/ Practical	0	0	4	4	50
6	MSCM409	Comprehensive Viva – IV	0	2	0	2	50
B. Elective Courses							
7	MSCM404	Analysis and Characterization of Polymers	4	0	0	4	100
8	MSCM405	Analytical Chemistry – IX	4	0	0		
9	MSCM406	Environmental Analytical Chemistry	4	0	0		
Total						24	550

Semester – IV (Organic Chemistry)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
A. Ability Enhancement Compulsory Course							
1	MSCM411	Organic Chemistry – VI	4	0	0	4	100
2	MSCM412	Organic Chemistry – VII	4	0	0	4	100
3	MSCM413	Organic Chemistry – VIII	4	0	0	4	100
4	MSCM407	Communication Skills – IV	1	1	0	2	100
5	MSCM408	Dissertation/Special Practical	0	0	4	4	50
6	MSCM409	Comprehensive Viva – IV	0	2	0	2	50
B. Elective Courses							
7	MSCM404	Analysis and Characterization of Polymers	4	0	0	4	100
8	MSCM415	Organic Chemistry – IX	4	0	0		
9	MSCM406	Environmental Analytical Chemistry	4	0	0		
Total						24	600