

Swarnim Startup & Innovation University

SWARRNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Chemistry

Masters- Teaching syllabus & examination pattern

	Semester 1															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020101	Organic Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020102	inorganic Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020103	Physical Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020104	Analytical Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020105	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

	Semester 2															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020201	Organic Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020202	inorganic Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020203	Physical Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020204	Analytical Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020205	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

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	Semester 3															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020301	Natural Products & Biomolecules	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020302	Medicinal Chemistry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020303	Organic Spectroscopy	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020304	Industrial Chemistry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020305	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

	Semester 4															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020401	Advanced Organic Chemistry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020402	Advanced Organic Synthesis	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020403	Bio-Organic Chemistry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020404	Selected Topics in Medicinal Chemistry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020405	Dissertation/Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	-	28	120	-	200	-	280	-	-	-	600

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