

**SHRI G S INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE**  
**M. Sc.(APPLIED CHEMISTRY) Specialization – Fine Chemicals and Drug**

## SEMESTER - I

S. No.	Sub. Code	Subject	Hours per Week			Credits		Th.	CW	SW	Pr.	Total
			L	T	P	T	P					
1	CH 91105	Physical Chemistry	4	-	-	4	-	70	30	-	-	100
2	CH 91106	Inorganic Chemistry	4	-	-	4	-	70	30	-	-	100
3	CH 91107	Analytical Chemistry	4	-	-	4	-	70	30	-	-	100
4	CH 91108	Chemistry of Engg. Materials	4	-	-	4	-	70	30	-	-	100
5	CH 91173	Physical Chemistry & Materials Lab.	-	-	8		4	-	-	40	60	100
6	CH 91174	Inorganic Chemistry Lab.	-	-	8		4	-	-	40	60	100
7	CH 91198	Comprehensive Viva	-	-	-		4	-	-		100	100
Total			16	-	16	16	12	280	120	80	220	700

## SEMESTER - II

S. No.	Sub. Code	Subject	Hours per Week			Credits		Th.	CW	SW	Pr.	Total
			L	T	P	T	P					
1	CH 91205	Organic Chemistry	4	-	-	4	-	70	30	-	-	100
2	CH 91206	Modern Analytical Methods	4	-	-	4	-	70	30	-	-	100
3	CH 91207	Natural Products	4	-	-	4	-	70	30	-	-	100
4	CH 91209	Chemistry of Drugs(Synthetic)-I	4	-	-	4		70	30	-	-	100
5	CH 91273	Organic Chemistry & Drugs Lab.-I	-	-	8		4	-	-	40	60	100
6	CH 91274	Modern Analytical Methods Lab.	-	-	8		4	-	-	40	60	100
7	CH 91298	Comprehensive Viva.	-	-	-		4	-	-		100	100
Total			16	0	16	16	12	280	120	80	220	700

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## SEMESTER - III

S. No.	Sub. Code	Subject	Hours per Week			Credits		Th.	CW	SW	Pr.	Total
			L	T	P	T	P					
1	CH91305	Chemistry of Drugs (Natural)	4	-	-	4	-	70	30	-	-	100
2	CH91306	Chemistry of Drugs-II	4	-	-	4	-	70	30	-	-	100
3	CH91307	Computer Applications in Chemistry	4	-	-	4		70	30	-	-	100
4	CH91308	Advanced Organic & medicinal Chemistry	4	-	-	4	-	70	30	-	-	100
5	CH91389	Computer Lab.	-	-	8	-	4	-	-	40	60	100
6	CH91390	Organic Chem. & Drug lab.-II	-	-	8	-	4	-	-	40	60	100
7	CH91398	Quiz/Assignment / Seminar - III	-	-	-	-	2	-	-	50		50
8	CH91399	Comprehensive Viva	-	-	-	-	4	-	-		50	50
Total			16	0	16	16	14	280	120	130	170	700

## SEMESTER - IV

S. No.	Sub. Code	Subject	Hours per Week			Credits		Theory Marks	
			L	T	P	T	P	CW/SW	END
1	CH91499	Dissertation	-	-	44	-	26	120	180
Total			-	-	44	-	26	120	180