

**M.Sc. (Chemistry) - I (Semester - I)**

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	INORGANIC CHEMISTRY - I	P-INC-142	100	4	TH	C
2	ORGANIC CHEMISTRY - II	P-ORC-143				
3	PHYSICAL CHEMISTRY - III	P-PHC-144				
4	PHYSICAL METHODS IN CHEMISTRY - IV	P-PMC-145				
5	LAB. COURSE - I	P-LAC-146	50	2	PR	
6	LAB. COURSE - II	P-LAC-147				
7	LAB. COURSE - III	P-LAC-148				
8	LAB. COURSE - IV	P-LAC-149				
9	SEMINAR	P-SEM-150	25	1		

M.Sc. (Chemistry) - I (Semester - II)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	INORGANIC CHEMISTRY - V	P-INC-241	100	4	TH	C
2	ORGANIC CHEMISTRY - VI	P-ORC-242				
3	PHYSICAL CHEMISTRY - VII	P-PHC-243				
4	PHYSICAL METHODS IN CHEMISTRY - VIII	P-PMC-244				
5	LAB. COURSE - V	P-LAC-245	50	2	PR	
6	LAB. COURSE - VI	P-LAC-246				
7	LAB. COURSE - VII	P-LAC-247				
8	LAB. COURSE - VIII	P-LAC-248				
9	SEMINAR	P-SEM-249	25	1		

M.Sc. (Chemistry) - II (Semester - III)

SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	ADVANCED SPECTROSCOPIC METHODS - IX	P-ASM-343	100	4	TH	C
2	ORGANIC TRANSFORMATIONS - X	P-OTF-344				
3	CHEMISTRY OF NATURAL PRODUCTS - XI	P-CNP-345				
4	MEDICINAL CHEMISTRY - XII	P-MDC-346				
5	LAB. COURSE - IX	P-LAC-347	50	2	PR	
6	LAB. COURSE - X	P-LAC-348				

7	LAB. COURSE - XI	P-LAC-349				
9	SEMINAR	P-SEM-350	25	1		
M.Sc. (Chemistry) - II (Semester - IV)						
SR NO	SUBJECT NAME	SUBJECT CODE	Marks	CREDITS	TH / PR	C / O
1	ADVANCED SYNTHETIC METHODS - XIII	P-ASM-439	100	4	TH	C
2	STEREOCHEMISTRY - XIV	P-STE-440				
3	ADVANCED HETEROCYCLIC CHEMISTRY - XV	P-AHC-441				
4	APPLIED ORGANIC CHEMISTRY - XVI	P-AOC-442				
5	LAB. COURSE - XII	P-LAC-443	50	2	PR	
6	LAB. COURSE - XIII	P-LAC-444				
7	LAB. COURSE - XIV	P-LAC-445				
8	PROJECT WORK	P-PRO-446	100	4		
9	SEMINAR	P-SEM-475	25	1		
TOTAL MARKS			TOTAL CREDITS			
2500			100			