

M.Sc., Chemistry (2008 – 2009) on wards

Sl. No	Semester	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks			Hours/ Week	Credits
					C.I.A.	E.E.	Total	C.I.A.	E.E.	Total		
1	I	Core	8P1CHC1	Organic Chemistry – I	25	75	100	10	30	50	6	5
2		Core	8P1CHC2	Physical Chemistry – I	25	75	100	10	30	50	6	5
3		Core	8P1CHCP1	Organic Practical – I	40	60	100	16	24	50	6	3
4		Core	8P1CHCP2	Organic Practical – II	40	60	100	16	24	50	6	3
5		Major Elective	8P1CHE1A	Pharmaceutical Chemistry (or)	25	75	100	10	30	50	6	5
			8P1CHE1B	Polymer Chemistry	25	75	100	10	30	50		
5	II	Core	8P2CHC3	Inorganic Chemistry - I	25	75	100	10	30	50	6	5
6		Core	8P2CHC4	Physical Chemistry – II	25	75	100	10	30	50	6	6
7		Core	8P2CHCP3	Inorganic Practical – I	40	60	100	16	24	50	6	3
8		Core	8P2CHCP4	Inorganic Practical – II	40	60	100	16	24	50	6	3
9		Major Elective	8P2CHE2A	Bio Chemistry (or)	25	75	100	10	30	50	6	6
			8P2CHE2B	Industrial Chemistry	25	75	100	10	30	50		
10	III	Core	8P3CHC5	Physical Chemistry –III	25	75	100	10	30	50	8	6
11		Core	8P3CHC6	Spectroscopy & Its Application-III	25	75	100	10	30	50	6	5
12		Core	8P3CHC7	Inorganic Chemistry – II	25	75	100	10	30	50	6	5
13		Core	8P4CHCP5	Physical Chemistry Practical – I (N.S)	-	-	-	-	-	-	3	-
14		Core	8P4CHCP6	Physical Chemistry Practical-II (N.S)	-	-	-	-	-	-	3	-
		EDC	8P4__EDC	Extra Disciplinary Course	-	-	-	-	-	-	4	4
15	IV	Core	8P4CHCP5	Physical Chemistry Practical – I	40	60	100	16	24	50	3	3
16		Core	8P4CHCP6	Physical Chemistry Practical –II	40	60	100	16	24	50	3	3
17		Core	8P4CHC8	Analytical Chemistry –II	25	75	100	10	30	50	6	5
18		Core	8P4CHC9	Organic Chemistry – II	25	75	100	10	30	50	6	5
19		Core	8P4CHC10	Inorganic Chemistry –III	25	75	100	10	30	50	6	5
20		Major Elective	8P4CHE3A	Recent trends in Chemistry (or)	25	75	100	10	30	50	6	5
			8P4CHE3B	Paint Chemistry								

M.Sc., Chemistry (2008 – 2009)

Nature of Courses	Total No of Papers	Total Marks	Total Credits	Classification
Core	16	1600	70	
Elective	03	300	16	
EDC	01	100	04	
Total	20	2000	90	

M.Sc., CHEMISTRY (2017 – 2018)

Sl. No	SEM	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks			Hours Week	Credits
					CIA	E.E.	Total	CIA	E.E.	Total		
1	I	Core	17P1CHC1	Physical Chemistry – I	25	75	100	10	30	50	7	5
2		Core	17P1CHC2	Inorganic Chemistry – I	25	75	100	10	30	50	6	4
3		Core	17P1CHC3	Analytical chemistry	25	75	100	10	30	50	6	5
4		Core	17P1CHCP1	Physical Chemistry Practical – I (non Electrical)	40	60	100	16	24	50	6	3
5		Major Elective-I	17P1CHEL1A 17P1CHEL1B	Medicinal Chemistry/ Bio Chemistry	25	75	100	10	30	50	5	4
6	II	Core	17P2CHC4	Organic Chemistry – I	25	75	100	10	30	50	5	5
7		Core	17P2CHC5	Physical Chemistry – II	25	75	100	10	30	50	5	5
8		Core	17P2CHC6	Physical Methods in Chemistry - I	25	75	100	10	30	50	5	5
9		Core	17P2CHC7	Polymer Chemistry	25	75	100	10	30	50	5	4
10		Core	17P2CHCP2	Physical Chemistry Practical-II (Electrical)	40	60	100	16	24	50	5	3
11		Major Elective-II	17P2CHEL2A 17P2CHEL2B	Paint Chemistry / Cheminformatics	25	75	100	10	30	50	5	4
12	III	Core	17P3CHC8	Organic Chemistry – II	25	75	100	10	30	50	5	5
13		Core	17P3CHC9	Physical Methods in Chemistry-II	25	75	100	10	30	50	5	5
14		Core	17P3CHC10	Industrial Chemistry	25	75	100	10	30	50	5	5
15		Core	17P3CHCP3	Organic Practical – I	40	60	100	16	24	50	5	3
16		Core	17P3CHCP4	Organic Practical – II	40	60	100	16	24	50	5	3
17		EDC	17P3CHEDC	Chemistry in Every Day life	25	75	100	10	30	50	4	
			Communicative skill & Personality development		-	-	-	-	-	-	1	-
18	IV	Core	17P4CHC11	Inorganic Chemistry – II	25	75	100	10	30	50	6	6
19		Core	17P4CHCP5	Inorganic Practical – I	40	60	100	16	24	50	6	3
20		Core	17P4CHCP6	Inorganic Practical – II	40	60	100	16	24	50	6	3
21		Major Elective-III	17P4CHEL3A/ 17P4CHEL3B	Recent Trends in Chemistry / Applied Chemistry	25	75	100	10	30	50	6	4
22		CN	17P4CHCN	Comprehensive Knowledge Test	-	100	100	-	50	50	5	2
23		Project	17P4CHPR	Project Industrial internship (Along with Industrial visit)	40	60	100	16	24	50	-	4
			Communicative skill and personality development		-	-	-	-	-	-	1	-
			Total				2300				120	90

M.Sc., CHEMISTRY (2017 – 2018)

Paper Code	Total No. Of Papers	Total Marks	Total Credits	Classification
Core	17	1700	72	✓
Elective	3	300	12	✓
E.D.C	1	100	---	✓
Project	1	100	4	x
Comprehension	1	100	2	✓
Soft skill using Language lab	--	--	---	X
Total	23	2300	90	