

B.Sc Chemistry[Chemistry,Physics,Environment) Sem-I

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
1	BPH0101	Physics-I	4	0	0	4	4	60	40	0	0	100
2	BCH0101	General Chemistry-I	4	0	0	4	4	60	40	0	0	100
3	BEV0101	Environmental Science-I	4	2	0	6	6	60	40	0	0	100
4	BPH0102	Physics Practical-I	0	1	2	2	3	0	0	60	40	100
5	BCH0102	Chemistry Practical-I	0	1	2	2	3	0	0	60	40	100
6	BEG0101	General English	2	0	0	2	2	60	40	0	0	100
7	BDM0101	Disaster Management	2	0	0	2	2	60	40	0	0	100
Total			16	4	4	22	24	300	200	120	80	700

B.Sc Chemistry[Chemistry,Physics,Mathematics) Sem-I

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
1	BPH0101	Physics-1	4	0	0	4	4	60	40	0	0	100
2	BCH0101	General Chemistry-I	4	0	0	4	4	60	40	0	0	100
3	BMA0101	Calculus & Coordinate Geometry	4	2	0	6	6	60	40	0	0	100
4	BPH0102	Physics Practical-I	0	1	2	2	3	0	0	60	40	100
5	BCH0102	Chemistry Practical-I	0	1	2	2	3	0	0	60	40	100
6	BEG0101	General English	2	0	0	2	2	60	40	0	0	100
7	BDM0101	Disaster Management	2	0	0	2	2	60	40	0	0	100
Total			16	4	4	22	24	300	200	120	80	700

B.Sc Chemistry[Chemistry,Physics,Environment) Sem-II

Sr. No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
								CIE	ESE	CIE	ESE	
1	BPH0201	Physics-II	4	0	0	4	4	60	40	0	0	100
2	BCH0201	General Chemistry-II	4	0	0	4	4	60	40	0	0	100
3	BEV0201	Environmental Science-II	4	2	0	6	6	60	40	0	0	100
4	BPH0202	Physics Practical-II	0	1	2	2	3	0	0	60	40	100
5	BCH0202	Chemistry Practical-II	0	1	2	2	3	0	0	60	40	100
6	BEG0201	Basic Communication & Presentation Skill	2	0	0	2	2	60	40	0	0	100
7	BB0407	Foundation and application of leadership	1	0	2	2	3	60	40	0	0	100
Total			15	4	6	22	25	300	200	120	80	700

B.Sc Chemistry[Chemistry,Physics,Mathematics) Sem-II

Sr. No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
								CIE	ESE	CIE	ESE	
1	BPH0201	Physics-II	4	0	0	4	4	60	40	0	0	100
2	BCH0201	General Chemistry-II	4	0	0	4	4	60	40	0	0	100
3	BMA0201	Differential Equation & Matrix Algebra	4	2	0	6	6	60	40	0	0	100
4	BPH0202	Physics Practical-II	0	1	2	2	3	0	0	60	40	100
5	BCH0202	Chemistry Practical-II	0	1	2	2	3	0	0	60	40	100
6	BEG0201	Basic Communication & Presentation Skill	2	0	0	2	2	60	40	0	0	100
7	BB0407	Foundation and application of leadership	1	0	2	2	3	60	40	0	0	100
Total			15	4	6	22	25	300	200	120	80	700

B.Sc Chemistry(Chemistry,Physics) B Group Sem-III

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	CI E	ES E	CI E	ES E	TOTAL
1	BCH0301	Inorganic and Physical Chemistry-I	4	0	0	4	4	60	40	0	0	100
2	BCH0302	Organic and Analytical Chemistry-I	4	0	0	4	4	60	40	0	0	100
3	BPH0301	Physics-III	4	0	0	4	4	60	40	0	0	100
4	BPH0302	Physics-IV	4	0	0	4	4	60	40	0	0	100
5	BCH0303	Chemistry Practical-III	0	0	6	3	6	0	0	60	40	100
6	BPH0303	Physics Practical-III	0	0	6	3	6	0	0	60	40	100
7	SS0301	Human Values & Professional Ethics	2	0	0	2	2	60	40	0	0	100
Total			18	0	12	24	30	300	200	120	80	700

B.Sc Chemistry(Chemistry, Mathematics) A Group Sem-III

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	CI E	ES E	CI E	ES E	TOTAL
1	BCH0301	Inorganic and Physical Chemistry-I	4	0	0	4	4	60	40	0	0	100
2	BCH0302	Organic and Analytical Chemistry-I	4	0	0	4	4	60	40	0	0	100
3	BMA0301	Advanced Calculus-I	4	1	0	5	5	60	40	0	0	100
4	BMA0302	Linear Algebra-I	4	1	0	5	5	60	40	0	0	100
5	BMA0303	Problem Solving-I	1	0	0	1	1	60	40	0	0	100
6	BCH0303	Chemistry Practical-III	0	0	6	3	6	0	0	60	40	100
7	SS0301	Human Values & Professional Ethics	2	0	0	2	2	60	40	0	0	100
Total			19	2	6	24	27	360	240	60	40	700

B.Sc Chemistry[Chemistry,Physics) B Group Sem-IV

Sr No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	CI E	ES E	CI E	ES E	TOTAL
1	BCH0401	Inorganic and Physical Chemistry-II	4	0	0	4	4	60	40	0	0	100
2	BCH0402	Organic and Analytical Chemistry-II	4	0	0	4	4	60	40	0	0	100
3	BPH0401	Physics-V	4	0	0	4	4	60	40	0	0	100
4	BPH0402	Physics-VI	4	0	0	4	4	60	40	0	0	100
5	BCH0403	Chemistry Practical-IV	0	0	6	3	6	0	0	60	40	100
6	BPH0403	Physics Practical-IV	0	0	6	3	6	0	0	60	40	100
7	IST0001	Indian Science and Technology	1	0	0	1	1	100	0	0	0	100
Total			17	0	12	23	29	340	160	120	80	700

B.Sc Chemistry [Chemistry, Mathematics) Sem-IV

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
								CIE	ESE	CIE	ESE	
1	BCH0401	Inorganic and Physical Chemistry-II	4	0	0	4	4	60	40	0	0	100
2	BCH0402	Organic and Analytical Chemistry-II	4	0	0	4	4	60	40	0	0	100
3	BMA0401	Advanced Calculus-II	4	1	0	5	5	60	40	0	0	100
4	BMA0402	Abstract Algebra-I	4	1	0	5	5	60	40	0	0	100
5	BMA0403	Problem Solving-II	1	0	0	1	1	60	40	0	0	100
6	BCH0403	Chemistry Practical-IV	0	0	6	3	6	0	0	60	40	100
7	IST0001	Indian Science and Technology	1	0	0	1	1	100	0	0	0	100
Total			18	2	6	23	26	400	200	60	40	700

B.Sc Chemistry Sem-V

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
								CIE	ESE	CIE	ESE	
1	BCH0501	Inorganic Chemistry-III	4	0	0	4	4	60	40	0	0	100
2	BCH0502	Organic Chemistry-III	4	0	0	4	4	60	40	0	0	100
3	BCH0503	Physical Chemistry-III	4	0	0	4	4	60	40	0	0	100
4	BCH0504	Analytical Chemistry-III	4	0	0	4	4	60	40	0	0	100
5	BCH0505 OR	Recent Trends in Chemistry OR	3	0	0	3	3	60	40	0	0	100
5	BCH0506 OR	Green Chemistry & Catalysis OR	3	0	0	3	3	60	40	0	0	100
5	BCH0507	Cheminformatics	3	0	0	3	3	60	40	0	0	100
6	BCH0508	Chemistry Practical-V	0	0	6	3	6	0	0	60	40	100
7	BCH0509	Chemistry Practical-VI	0	0	6	3	6	0	0	60	40	100
Total			19	0	12	25	31	300	200	120	80	700

B.Sc Chemistry Sem-VI

Sr.No	Code	Subject Name	Teaching Scheme					Examination Scheme				
			L*	T*	P*	Cr	Hrs	Theory		Practical		TOTAL
								CIE	ESE	CIE	ESE	
1	BCH0601	Inorganic Chemistry-IV	4	0	0	4	4	60	40	0	0	100
2	BCH0602	Organic Chemistry-IV	4	0	0	4	4	60	40	0	0	100
3	BCH0603	Physical Chemistry-IV	4	0	0	4	4	60	40	0	0	100
4	BCH0604	Analytical Chemistry-IV	4	0	0	4	4	60	40	0	0	100
5	<i>BCH0605 OR</i>	<i>Polymer Chemistry OR</i>	3	0	0	3	3	60	40	0	0	100
5	<i>BCH0606 OR</i>	<i>Food Chemistry OR</i>	3	0	0	3	3	60	40	0	0	100
5	<i>BCH0607</i>	<i>Forensic Chemistry</i>	3	0	0	3	3	60	40	0	0	100
6	BCH0608	Chemistry Practical-VII	0	0	6	3	6	0	0	60	40	100
7	BCH0609	Project Work	0	0	6	3	6	0	0	60	40	100
8	EN0601	Employability Skills & Personality Development	2	0	0	2	2	60	40	0	0	100
Total			21	0	12	27	33	360	240	120	80	800