

B.Sc(Hons) Chemistry papers under Choice Based Credit System (CBCS)

Semester	Papers	
Semester I	AECC-1	AECC-1 : Environmental Science
	Core Paper -1	Inorganic Chemistry-I + Inorganic Chemistry-I Lab
	Core Paper- 2	Physical Chemistry-I + Physical Chemistry-I Lab
	*Generic Elective-1 (GE-1)	(i) Physics Department : Electricity and Magnetism + Lab (ii) Mathematics Department : Calculus
Semester II	AECC-2	English / Hindi/ Sanskrit Communications
	Core Paper-3	Organic Chemistry-I + Organic Chemistry-I Lab
	Core Paper-4	Physical Chemistry-II + Physical Chemistry-II Lab
	*Generic Elective (GE-2)	(i) Physics Department : Mechanics + Lab (ii) Mathematics Department : Linear Algebra
Semester III	Core Paper 5	Inorganic Chemistry-II + Inorganic Chemistry-II Lab
	Core Paper 6	Organic Chemistry-II + Organic Chemistry-II Lab
	Core Paper 7	Physical Chemistry-III + Physical Chemistry-III Lab
	SEC-1	Skill Enhancement Course : Basic Analytical Chemistry
	*Generic Elective (GE-3)	(i) Physics Department : Waves and Optics+ Lab (ii) Mathematics Department : Differential Equations
Semester IV	Core Paper 8	Inorganic Chemistry-III + Inorganic Chemistry-III Lab
	Core Paper 9	Organic Chemistry-III + Organic Chemistry-III Lab
	Core Paper 10	Physical Chemistry-IV + Physical Chemistry-IV Lab
	SEC-2	Skill Enhancement Course : Green Methods in Chemistry
	*Generic Elective (GE-4)	(i) Physics Department : Thermal Physics + Lab (ii) Mathematics Department : Numerical Methods
Semester V	Core Paper 11	Organic Chemistry-IV + Organic Chemistry-IV Lab
	Core Paper 12	Physical Chemistry-V + Physical Chemistry-V Lab
	DSE-1	Inorganic Materials of Industrial Importance + Practical Lab
	DSE-2	Analytical Methods in Chemistry + Practical Lab
Semester VI	Core Paper 13	Inorganic Chemistry-IV + Inorganic Chemistry-IV Lab
	Core Paper 14	Organic Chemistry-V + Organic Chemistry-V Lab
	DSE-3	Polymer Chemistry + Practical Lab
	DSE-4	Green Chemistry + Practical Lab

AECC- Ability Enhancement Compulsory Course, **GE-** Generic Elective (Interdisciplinary), **DSE-** Discipline Specific Elective, **SEC-** Skill Enhancement Course.

* - Student may opt only one paper as **Generic Elective** out of two options