

Choice Based Credit System (CBCS) : B.Sc.(Physical Science with Computer Science)

Semester	Papers	
Semester I	AECC-1	AECC-1 : English / Hindi / Sanskrit Communications
	Core Paper 1A	Mathematical Physics-I + Lab
	Core Paper 2A	Calculus and Matrices
	Core Paper 3A	Problem Solving using Computer
Semester II	AECC-2	AECC-2: Environmental Science
	Core Paper 1B	Electricity and Magnetism + Lab
	Core Paper 2B	Calculus and Geometry
	Core Paper 3B	Database Management Systems
Semester III	Core Paper 1C	Mathematical Physics–II + Lab
	Core Paper 2C	Algebra
	Core Paper 3C	Operating System
	*Skill Enhancement Course-1	SEC-1A : SEC-1B : LaTeX and HTML SEC-1C : Office Automation Tools + Practical Lab
Semester IV	Core Paper 1D	Mathematical Physics III + Lab
	Core Paper 2D	Real Analysis
	Core Paper 3D	Computer System Architecture
	*Skill Enhancement Course -2	SEC-2A : SEC-2B : Computer Algebra Systems and Related Softwares SEC-2C : PHP Programming + Practical Lab
Semester V	DSE-1A	Physics (DSE-1A)
	DSE-2A	Differential Equations (DSE-2A)
	DSE-3A	Analysis of Algorithms and Data Structures + Lab (DSE-3A)
	*Skill Enhancement Course -3	SEC-3A : Physics SEC-3B : Operating System: Linux SEC-3C : System Administration and Maintenance + Practical Lab
Semester VI	DSE-1B	Physics (DSE-1B)
	DSE-2B	Probability theory & Statistics (DSE-2B)
	DSE-3B	Internet Technologies + Practical Lab (DSE-3B)
	*Skill Enhancement Course -4	SEC-4A : Physics SEC-4B : Transportation and Game Theory SEC-4C : Android Programming + 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 Skill Enhancement Course from out of three papers