SHANTABEN NAGINDAS KHANDWALA COLLEGE OF SCIENCE

Programme: B.Sc. (Honours) in Computer Science (Block Chain Technology)
Academic year: 2025-26
Curriculum Framework of First Year under NEP

| Level | Sem. | Major | | Minor | OE | VSC, SEC (VSEC) | AEC, VEC, IKS | OJT, FP, CEP, CC, RP | Credits | Cumulative Credits |
		Mandatory (DSC 1 & DSC 2)	Electives							
4.5	I	Problem Solving using Programming (03) Computer Fundamentals (03)	----	------	Any ONE Open Elective I (02) 1.Principles of management 2.Basics of accounting Any ONE Open Elective II (02) 1.Introduction to Entrepreneurship 2.Necessary statics	Mathematics-I (VEC) (02) Coding and Computational Thinking-I (SEC) (02)	English – I (AEC) (02) Environmental Science-I (VEC) (02) Indian Knowledge System (IKS) (02)	NSS, Yoga, Cultural, Sports, Music, Performing Arts, DLLE (CC) (02)	22	44
	Credits	6	0	0	4	4	6	2		
	II	Data Structures and Algorithms (03) Database Management Systems (03)	----	Foundations of BCT (02)	Any ONE Open Elective III (02) 1.Digital Marketing 2. Human Resource Management Any ONE Open Elective IV (02) 1.Principles of Banking 2.Production and Operations management	Mathematics – II (VEC) (02) Coding and Computational Thinking-II (SEC) (02)	English – II (AEC) (02) Environmental Science-II (VEC) (02)	NSS, Yoga, Cultural, Sports, Music, Performing Arts, DLLE (CC) (02)	22	
	Credits	6	0	2	4	4	4	2		
	Total credits in 1st year	12	0	2	8	8	10	4	44	
	Cum Cr.	12	0	2	8	8	10	4	44	

* Exit Option: Award of UG Degree in Major with 120-132 credits or Continue with Major and Minor

[FP = Field Project; CEP = Community Engagement and Service; OJT = On Job Training – Internship/Apprenticeship