



**Shrimathi Devkunvar Nanalal Bhatt Vaishnav
College for Women (Autonomous)**

Owned and Managed by Cork Industries Charities Trust
Affiliated to University of Madras - Re-Accredited with 'A+' Grade by NAAC
Chromepet Chennai-600044



DEPARTMENT OF COMPUTER SCIENCE

B.Sc Computer Science

CHOICE BASED CREDIT SYSTEM (CBCS)

&

**LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK
(LOCF)**

2025-2028 Batch



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Framework for 2025-2028

SEM	PART	COURSE COMPONENT	COURSE CODE	TITLE OF THE PAPER	CREDITS	LECTURE HOURS		CIA	ESE	TOTAL	
						TH	PR				
I Year	I	Foundation Course	22ULTFC1001/ 22ULHFC1001/ 22ULSFC1001/ 22ULFFC1001	Tamil-I/ Hindi-I/ Sanskrit-I/ French-I	3	6		40	60	100	
	II	English	20UGFC1001	General English-I	3	6		40	60	100	
	III				Bridge Course		15				
			Core Theory-I	25UCSCT1E01	Programming using Python	3	4		40	60	100
			Core Practical-I	25UCSCP1E01	Programming using Python Lab	2		4	40	60	100
			Core Practical-II	25UCSCP1E02	Web Development Lab	3		4	40	60	100
		Elective I Generic (Theory + Lab)	20UCSAT1001	Allied Mathematics-I	4	6		40	60	100	
IV	Life Skill 1	23USSEC1001	Effective Communication skills	2			50	-	50		
				TOTAL	20	22	8			650	
I Year	I	Foundation Course	22ULTFC2002/ 22ULHFC2002/ 22ULSFC2002/ 22ULFFC2002	Tamil-II/ Hindi-II/ Sanskrit-II/ French-II	3	6		40	60	100	
	II	English	20UGFC2002	General English-II	3	6		40	60	100	
	III		Core Theory-II	25UCSCT2E02	Data structures and Algorithms	3	4		40	60	100
			Core Practical-III	25UCSCP2E03	Data Structures using Python Lab	2		4	40	60	100
			Core Practical-IV	25UCSCP2E04	UI/UX Design Lab	3		4	40	60	100
		Elective II Generic (Theory + Lab)	20UCSAT2002	Allied Mathematics-II	4	6		40	60	100	
	IV	Life Skill 2	20UESVE2001	Environmental Studies	2			50	-	50	
24USKHV2002			Universal Human Values	2			50	-	50		
				TOTAL	22	22	8			700	
				GRAND TOTAL	42					1350	

*** Coursera- LMS course offered from Coursera**