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

57 YEARS

BACHELOR OF COMPUTER APPLICATIONS

(Shift – II)

CHOICE BASED CREDIT SYSTEM (CBCS)

&

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

(Effective from the Academic Year 2025-2028)
Board of Studies held on 25/04/2025

2025 - 2028 Batch

UG REGULATION 2025 – 2028

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PROGRAMME OUTCOMES (PO)

After completion of the programme, the student will be able to

PO1	Develop sharp cognizance of concepts, apply the domain knowledge with utmost confidence and be assertive at any given opportunity.
PO2	Possess deeper understanding of life skills to appraise life and draw logical conclusions.
PO3	Design and develop solutions for challenging problems of society.
PO4	Acquire programme centric thought process facilitating further studies in the respective domain.
PO5	Engage in life-long learning to easily adapt to the dynamic environment and obtain clarity and preparedness for field specialization.
PO6	Self-actualize and self-regulate, focusing on ethical and moral values to become a compassionate human being.

PROGRAMME SPECIFIC OUTCOMES (PSO)

The students at the time of graduation will

PSO1	Attain the ability to understand the basic principles and concepts to acquire knowledge of mathematical foundations and computer applications.
PSO2	Ability to adopt the rapid changes in tools and technology and to explore technical skills in diverse areas of computer applications.
PSO3	Explore technical comprehension in varied areas of computer applications and experience a conducive environment in cultivating skills for thriving career and higher studies.

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CURRICULUM 2025 – 2028 Batch

SEM	PART	COURSE COMPONENT	COURSE CODE	TITLE OF THE PAPER	CREDITS	LECTURE HOURS		CIA	ESE	TOTAL
						TH	PR			
I Year - Semester I	I	Foundation Course	22ULTFC1001/ 22ULHFC1001/ 22ULSFC1001/ 21ULFFC1001	Tamil –I/ Hindi –I/ Sanskrit-I/ French-I	3	6		40	60	100
	II	Foundation Course	20UGEFC1001	General English -I	3	6		40	60	100
				Bridge Course	3					
	III	Core Course -I	25UCACT1001	Python Programming	3	4		40	60	100
		Core Course -II	25UCACT1002	Information Technology Informatics	3	3		40	60	100
		Core Practical-I	25UCACP1001	Python Programming Lab	2		3	40	60	100
		Elective Generic - I	25UCAGT1001	Mathematics-I	5	6		40	60	100
	IV	Life Skill	23USSEC1001	Effective Communication Skills	2	2		50	-	50
		Bridge Course	Quantitative Aptitude	-	-	-	-	-	-	-
	Total				21					650

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	Part	Category	Code	Title						
I Year - Semester II	I	Foundation Course	22ULTFC2002 22ULHFC2002 22ULSFC2002 21ULFFC2002	Tamil –II/ Hindi –II/ Sanskrit-II/ French-II	3	6		40	60	100
	II	Foundation Course	20UGEFC2002	General English -II	3	6		40	60	100
	III	Core Course -III	25UCACT2003	Data Structures	3	4		40	60	100
		Core Course -IV	25UCACT2004	Fundamentals of Business Analytics – Simulation and Optimization	3	3		40	60	100
		Core Practical-II	25UCACP2002	Data Structures Using Python Lab	2		3	40	60	100
		Elective Generic - II	25UCAGT2002	Mathematics-II	5	6		40	60	100
	IV	Life Skill	24USKHV2002	Universal Human Values	2	2		50	-	50
		Value Education	24UESVE2001	Environmental Studies	2			50	-	50
			20UYGVE2002	Yoga and Wellness	2			50	-	50
	Total				**25**					**750**

UG REGULATION 2025 – 2028