



**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 HOME SCIENCE

B.Sc CLINICAL NUTRITION AND DIETETICS

CHOICE BASED CREDIT SYSTEM (CBCS)

&

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

2023-2026 Batch



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B.Sc HOME SCIENCE- CLINICAL NUTRITION AND DIETETICS

PROGRAMME OUTCOMES (PO)

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

PO1	Develop sharp cognisance 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 specialisation.
PO6	Self-actualise and self-regulate, focussing on ethical and moral values to become a compassionate human being.

PROGRAMME SPECIFIC OUTCOMES (PSO)

The students at the time of graduation will

PSO1	Understand the basic of nutrition to develop interdisciplinary expertise in food science nutrition, dietetics and its allied health sciences to meet national health demands effectively.
PSO2	Provide overall skills enhancement and develop competence in diverse healthcare settings in various domains of Nutritional Sciences.
PSO3	Cultivate research proficiency, community engagement, and entrepreneurial leadership and interest in higher education to drive innovation and address societal health needs.



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Curriculum 2023-2026

SEM	PART	COURSE COMPONENT	COURSE CODE	TITLE OF THE PAPER	CREDITS	LECTURE HOURS		CIA	ESE	TOTAL
						TH	PR			
I Year I Semester	I	Foundation Course	22ULTFC1001/ 22ULHFC1001/ 22ULSFC1001/ 21ULFFC1001	Tamil-I/ Hindi-I/ Sanskrit-I/ French-I	3	6		40	60	100
	II	English	20UGEFC1001	General English-I	3	6		40	60	100
	III	Core Major - Paper I	20UNDC1001	Food Science	4	4	2	40	60	100
		Core Major - Paper II	20UNDC1002	Food Microbiology	4	4	2	40	60	100
		Allied Theory -1	20UNDAT1001	Allied Chemistry - 1	4	4	2	40	60	100
	IV	Soft Skill – I	23USSEC1001	Effective Communication Skills	2			50	-	50
				TOTAL	20					550
I Year II Semester	I	Foundation Course	22ULTFC2002/ 22ULHFC2002/ 22ULSFC2002/ 22ULFFC2002	Tamil-II/ Hindi-II/ Sanskrit-II/ French-II	3	6		40	60	100
	II	English	20UGEFC2002	General English-II	3	6		40	60	100
	III	Core Theory-III	20UNDC2003	Human Physiology	4	6		40	60	100
		Core Practical-I	20UNDCP2001	Human Physiology - Practical	4		6	40	60	100
		Allied Theory - II	20UNDAT2002	Allied Chemistry - II	4	3		40	60	100
		Allied Practical -1	20UNDAP2001	Allied Chemistry - Practical	2		3	40	60	100
	IV	Value Education	20UESVE2001	Environmental Studies	2			50	-	50
			20UYGVE2002	Yoga and Wellness	2			50	-	50
		Life Skill – II	20UHVVE2003	Universal Human Values	3			50	50	100
				TOTAL	27					800
II Year III	I	Foundation Course	22ULTFC3003/ 22ULHFC3003/ 22ULSFC3003/	Tamil-III/ Hindi-III/ Sanskrit-III/	3	6		40	60	100



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Semester			22ULFFC3003	French-III						
	II	English	20UGEFC3003	General English-III	3	6		40	60	100
	III	Core Theory - Paper IV	20UNDC3004	Nutrition through life cycle	4	4	2	40	60	100
		Core Theory - Paper V	20UNDC3005	Human Nutrition - I	4	6		40	60	100
		Allied Theory -III	20UNDAT3003	Fundamentals of Biochemistry	5	4	1	40	60	100
	IV	Non-Major Elective	20UNDNE3001	Basic Nutrition	2	2		50		50
				TOTAL	21					550
II Year IV Semester	I	Foundation Course	22ULTFC4004/ 22ULHFC4004/ 22ULSFC4004/ 22ULFFC4004	Tamil-IV/ Hindi-IV/ Sanskrit-IV/ French-IV	3	6		40	60	100
	II	English	20UGEFC4004	General English-IV	3	6		40	60	100
	III	Core Major - Paper VI	20UNDC4006	Medical Nutrition Therapy	4	6		40	60	100
		Core Practical - Paper II	20UNDCP4002	Medical Nutrition Therapy - Practical	4		6	40	60	100
		Allied Theory -IV	22UNDAT4004	Food Product Development and Marketing	5	4	1	40	60	100
	IV	Non Major Elective I	20UNDNE4002	Basic Nutrition	2	2		50	-	50
		Life Skill- III	23ULSLM4003	Leadership & Managerial Skills	2			50	-	50
		Students Progression Bodies	23USP 4 I	Students Progression Activities	2				-	
				TOTAL	25					600
	III Year V Semester	Core Major - Paper VII	20UNDC5007	Community Nutrition	4	6		40	60	100
		Core Major - Paper VIII	20UNDC5008	Food Service Management I	4	6		40	60	100
		Core Major - Paper IX	20UNDC5009	Human Nutrition II	4	6		40	60	100
		Core Major - Paper X	20UNDC5010	Sports Nutrition	4	6		40	60	100
		Core Elective- I (classroom/ Coursera)	24UNDET5A01/ 24UNDET5B01	Functional foods and Nutraceuticals/ Introduction to Medical Terminology	5	6		40	60	100
	IV	SKILL BASED ELECTIVE	23 USSBS SM3	Skill Based Elective - SWAYAM-MOOC / NPTEL	3			50	-	50
				TOTAL	24					550



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III Year VI Sem este r	III	Core Major - Paper XI	20UNDC60I 1	Clinical Nutrition	4	6		40	60	100
		Core Major - Paper XII	20UNDC60I 2	Food Service Management 11	4	6		40	60	100
		Core Practical - Paper II I	20UNDCP6003	Nutrition and Clinical Biochemistry - Practical	4		6	40	60	100
		Core Elective- II Classroom/ NPTEL	24UNDET6A02/ 24UNDET6B02	Basic concepts of home science/ Psychology of Stress, Health and Well- being	5	5		40	60	100
		Core Elective- III Classroom / Coursera	24UNDET6A03/ 24UNDET6B03	Diet Counselling — Techniques and Practice with Internship/ Basic of Public Health Practice	5		5	40	60	100
	IV	SKILL ENHANCEMENT	23USSSE6CR4	Skill Enhancement - Coursera	3			50	-	50
		Extra-Curricular Activity	XSP	Sports	1			-	-	-
				TOTAL	26					550
				GRAND TOTAL	143					3600

* Coursera– LMS course offered from Coursera Course

Core Electives

<u>List of Courses Offered in V Semester</u>	<u>List of Courses Offered in VI semester</u>
1.Functional foods and Nutraceuticals / Introduction to Medical Terminology	2. Basic concepts of home science / Psychology of Stress, Health and Well- being 3. Diet Counselling — Techniques and Practice with Internship / Basic of Public Health Practice