



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 CLINICAL NUTRITION AND DIETETICS

B.Sc Home Science - Clinical Nutrition and Dietetics

CHOICE BASED CREDIT SYSTEM (CBCS)

&

LEARNING OUTCOMES BASED CURRICULUM FRAMEWORK (LOCF)

2022-2025 Batch

B.Sc Clinical Nutrition and Dietetics



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



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 basics 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.



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



Curriculum 2022-2025

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	22ULTFC100 1/ 22ULHFC1001/ 22ULSFC1001/ 21 U LFFC100I	Tamil-I/ Hindi -I/ Sanskrit-I/ French-1	3	6	-	40	60	100
	II	Foundation Course	20UGEFC1001	General English-1	3	6	-	40	60	100
	III	Core Major - Paper I	20UNDCT100I	Food Science	4	4	2	40	60	100
		Core Major - Paper II	20UNDCT1002	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	20USSLC1001	Essentials of Language and Communication Skills	3	-	-	50	-	50
				TOTAL	21					550
I Year II Semester	I	Foundation Course	22 ULTFC2002/ 22U LHFC2002/ 22ULSFC2002/ 21 ULFFC2002	Tamil-II/ Hindi -11/ Sanskrit-11/ French-II	3	6	-	40	60	100
	II	Foundation Course	20UGEFC2002	General English-II	3	6	-	40	60	100
	III	Core Major - Paper III	20UNDCT2003	Human Physiology	4	6	-	40	60	100
		Core Parctical I - Paper 1	20UNDCT200I	Human Physiology - Practical	4	-	6	40	60	100
		Allied Theory -11	20UNDAT2002	Allied Chemistry - II	4	3		40	d0	100



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



		Allied Practical -1	20UNDAP2001	Allied Chemistry - Practical	2	-	3	40	60	100
	IV	Value Education	20UESVE2001	Environmental Studies	2	1		50	-	50
			20UYGVE2002	Yoga and Wellness	2			50	-	50
		Soft Skill – II	20USSSP2002	Essentials of spoken and presentation skills	3			50	50	100
				TOTAL	27					800
II Year III Semester	I	Foundation Course	22ULTFC3003/ 22ULHFC3003/ 22ULSFC3003/ 22ULFFC3003	Tamil-III/ Hindi-III/ Sanskrit-III/ French-III	3	5		40	60	100
	II	English	20UGEFC3003	General English-III	3	5		40	60	100
	III	Core Major - Paper IV	20UNDCT3004	Nutrition through life cycle	4	4	2	40	60	100
		Core Major - Paper V	20UNDCT3005	Human Nutrition - I	4	6		40	60	100
		Allied Theory -III	20UNDAT3003	Fundamentals of Biochemistry	5	4	1	40	60	100
		Non-Major Elective* Offered to other departments	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	5		40	60	100
	II	English	20UGEFC4004	General English-IV	3	5		40	60	100
	III	Core Major - Paper VI	20UNDCT4006	Medical Nutrition Therapy	4	6		40	60	100



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



		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* Offered to other departments	20UNDNE4002	Basic Nutrition	2	2		50	-	50
	TOTAL				21					550
III Year V Semester	III	Core Major - Paper IX	20UNDCT5007	Community Nutrition	4	6		40	60	100
		Core Major - Paper X	20UNDCT5008	Food Service Management I	4	6		40	60	100
		Core Major - Paper XI	20UNDCT5009	Human Nutrition 11	4	6		40	60	100
		Core Major - Paper XII	20UNDCT5010	Sports Nutrition	4	6		40	60	100
		Core Elective- I (classroom/ Coursera)	24UNDET5A0I/ 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
III Year VI Semester	III	Core Major - Paper XI	20UNDCT60I 1	Clinical Nutrition	4	6		40	60	100
		Core Major - Paper XII	20UNDCT60I 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	6	-	40	60	100
		Core Elective- III	24UNDET6A03/	Diet Counselling — Techniques and	5	6	-	40	60	100



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



		Classroom / Coursera	24UNDET6B 03	Practice with Internship Basic of Public Health Practice						
	IV	Skill Enhancement Course	23USSSE6C R4	Skill Enhancement - Coursera*	3			50	-	50
	V	Extra-Curricu- lar Activity	XSP	Sports	1			-	-	-
				TOTAL	26					550
				GRAND TOTAL	140					3550

* Spoken Tutorial- LMS course offered from IIT Mumbai

* Coursera- LMS course offered from Coursera Course

Core Electives

<u>List of Courses Offered in V Semester</u> 1. Functional foods and Nutraceuticals/ Introduction to Medical Terminology	<u>List of Courses Offered in VI semester</u> 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
---	---