

## NAGINDAS KHANDWALA COLLEGE OF COMMERCE, ARTS & MANAGEMENT STUDIES

## Programme: B.Sc. (Honours) in Integrative Nutrition & Dietetics Academic year 2025-2026

#### **Curriculum Framework of First Year under NEP**

		Major						OIT ED			
Level	Sem	Mandatory (DSC 1, 2 & DSC 3)	Electives	Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT, FP, CEP, CC, RP	Credits	Cumulative Credits	
4.5	Ι	Basic Nutrition - Energy and Macronutrients (4)  Human Physiology - I (2)			International Sports Management - I (2)  OR Indian Socio Political Economics System & Current Affairs (2)  World Cultures - I (2)  OR  Business Mathematics and Statistics - I (2)	VSC: Food Analysis (2) SEC: Physiology (2)	AEC: Functional English - I (2)  VEC: Environmental Studies (2)  IKS: Indian Knowledge System (2)	CC: Basics of Yoga - I/ NSS/.NCC/Sp orts/ Cultural (2)	22	44	
	Credits	6	0	0	4	4	6	2		(UG	
		Food Science and Food Chemistry (4)		Microbial	International Sports Management - II (2) OR Indian Economy (2)	VSC: Meal Planning (2)	AEC: Functional English - II (2)	CC: Basics of Yoga - II/		Certificate)	
	п	Basic Nutrition  - Micronutrients and Water (2)		Food Spoilage (2)	World Cultures - II (2) OR Business Mathematics and Statistics - II (2)	SEC: Food Science (2)	VEC: Personal Effectiveness at Workplace (2)	NSS/NCC/S ports/ Cultural (2)	22		
Cre	II	- Micronutrients and Water	0	Spoilage	II (2) OR Business Mathematics and Statistics - II	SEC: Food Science	Personal Effectiveness at Workplace	ports/ Cultural	22		

<sup>\*</sup> Exit Option: Award of UG Certificate in Major with 40-44 credits and an additional 4 credits core NSQF Course/Internship or Continue with Major and Minor



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Level	Sem	Major Mandatory (DSC 1, 2 & DSC 3)	Electives	Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT, FP, CEP, CC, RP	Credits	Cumulative Credits	
	III	Lifecycle Nutrition - I (4) Food Processing (4)		Human Physiology - II (4)	Corporate Communication and Public Relations - I (2) OR Quantitative Techniques - I (2)	VSC: Lifecycle Nutrition - I (P) (2)	AEC: Hindi - I (2)	FP: Healthy Cooking Practices (2) CC: Lifestyle Pillars - I (2)	22		
	Credits	8	0	4	2	2	2	4			
5.0	IV	Lifecycle Nutrition - II (4) Biochemistry (4)		Community Nutrition (2) Nutritional and Clinical Biochemistry (2)	Corporate Communication and Public Relations - II (2) OR Quantitative Techniques - II (2)	SEC: Lifecycle Nutrition - II (P) (2)	AEC: Hindi - II (2)	CEP: Awareness of Food Hygiene and Sanitation in the Community and Nutritional Assessment (2)  CC: Lifestyle Pillars - II (2)	22	88 (UG Diploma)	
Cro	edits	8	0	4	2	2	2	4			
-	tal its in year	16	0	8	4	4	4	8	44		
Cur	n Cr.	28	0	10	12	12	14	12	88		

<sup>\*</sup> Exit Option: Award of UG Diploma in Major and Minor with 80-88 credits and an additional 4 credits core NSQF Course/Internship or Continue



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Level	Sem	Mandatory (DSC 1, 2 & DSC 3)	jor Electives	Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT, FP, CEP, CC, RP	Credits	Cumulative Credits
	V	Nutrition in Metabolic and Endocrine Disorders (4)  Nutritional Care Process and Special Feeding Techniques (4)	Food Preservation (4)  OR  Nutrition in Adverse Climatic Conditions (4)	Food Psychology (2) Nutritional Counselling (2)	-	VSC- Diet Therapy - I (Practical) (4)	-	FP/ CEP: Holistic Skill Development for Career Readiness (2)	22	
	Credit	8	4	4	-	4	-	2		132
5.5	VI	Nutrition for Gastrointestinal and Renal Diseases (4) Critical Care Nutrition (4) Diet Therapy - II (Practicals) (2)	Food Product Development and Entrepreneurship (4) OR Sports Psychology (4)	Nutrition for Exercise and Fitness (4)	-	-	-	OJT: Internship/ Project Work - I (4)	22	(UG Degree)
Cro	edits	10	4	4	-	-	-	4		
	credits <sup>d</sup> year	18	8	8		4	-	6	44	
Cur	n Cr.	46	8	18	12	16	14	18	132	

<sup>\*</sup>Exit Option: Award of UG Degree in Major with 120-132 credits or Continue with Major and Minor

 $[FP = Field\ Project;\ CEP = Community\ Engagement\ and\ Service;\ OJT = On\ Job\ Training-Internship/Apprenticeship]$