

Sant Gadge Baba Amravati University Amravati FACULTY :
Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Home Science) following Three Years UG Programme wef 2023-24
(Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option

M. Sc (Home Science) Food Science and Nutrition Second Year Semester- III

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme								
				Teaching Period Per Week				Credits				Maximum Marks			Minimum Passing					
				L	T	P	Total	L/T	Practical	Total		Theory		Practical		Total Marks	Marks Internal	Marks External	Grade	
												Theory Internal	Theory+ MCQ External	Internal	External					
1	Advancements and Contemporary Research in Food and Nutrition (Contemporary Applied Technological Advancements in Research relevant/supportive to Major) DSC-I.3	Th-Major	FSN301	4			4	4		4	3	40	60			100	16	24	P	
2	DSC-II.3 Clinical Nutrition and Dietetics - III	Th-Major	FSN302	4			4	4		4	3	40	60			100	16	24	P	
3	DSC-III.3 Nutrition Through Life Span	Th-Major	FSN303	3			3	3		3	3	40	60			100	16	24	P	
4	DSE-III /MOOC A. Food Microbiology B. Exercise Physiology and Nutrition for Athletes	Th-Major Elective	FSN304A FSN304B	3			3	3		3	3	40	60			100	16	24	P	
																	Minimum Passing Marks			
5	DSC-I.3 Lab/Pr Advancements and Contemporary Research in Food and Nutrition	Pr-Major	FSN305			2	2		1	1	3			25	25	50	25		P	
6	DSC-II.3 Lab Clinical Nutrition and Dietetics - III	Pr-Major	FSN306			2	2		1	1	3			25	25	50	25		P	
7	DSC-III.3 Lab Nutrition Through Life Span	Pr-Major	FSN307			2	2		1	1	3			25	25	50	25		P	
8	DSE-III Lab /MOOC Lab A. Food Microbiology B. Exercise Physiology and Nutrition for Athletes	Pr Major Elective	FSN308A FSN308B			2	2		1	1	3			25	25	50	25		P	
9	Research Project Phase-I	Major	FSN309		2	4	6	2	2	4				50	--	50	25		P	
10	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/PerformingArts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV																
	TOTAL			14	2	12	28			22						500				

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses: CC**

Note: **Co-curricular Courses**: In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report**

Sant Gadge Baba Amravati University, Amravati

FACULTY :Interdisciplinary Studies

Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Home Science) following Three Years UG Programme wef 2023-24 (Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option

M. Sc (Home Science) Food Science and Nutrition Second Year Semester- IV [Level 6.5]

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme								
				Teaching Period Per Week				Credits				Maximum Marks			Minimum Passing					
				L	T	P	Total	L/T	Practical	Total		Theory		Practical		Total Marks	Marks Internal	Marks External	Grade	
												Theory Internal	Theory+ MCQ External	Internal	External					
1	DSC-I.4 Food Safety and Quality Control	Th-Major	FSN401	4			4	4		4	3	40	60			100	16	24	P	
2	DSC-II.4 Trends in Nutrition and Diet Counselling	Th-Major	FSN402	4			4	4		4	3	40	60			100	16	24	P	
3	DSC- III.4 Entrepreneurship in Food	Th-Major	FSN403	3			3	3		3	3	40	60			100	16	24	P	
4	DSE-IV /MOOC A. Nutrition Wellness and Fitness B. Sports Nutrition	Th-Major Elective	FSN404A FSN404B	3			3	3		3	3	40	60			100	16	24	P	
																	Minimum Passing Marks			
5	DSC-I.4 Laboratory Food Safety and Quality Control	Pr-Major	FSN405			2	2			1	1	3			25	25	50	25	P	
6	DSC-II.4 Laboratory Trends in Nutrition and Diet Counselling	Pr-Major	FSN406			2	2			1	1	3			25	25	50	25	P	
7	DSC-III.4 Laboratory Entrepreneurship in Food	Pr-Major	FSN407			2	2			1	1	3			25	25	50	25	P	
8	DSE-IV Laboratory/MOOC Lab A. Nutrition Wellness and Fitness B. Sports Nutrition	Pr-Major Elective	FSN408A FSN408B			2	2			1	1	3			25	25	50	25	P	
9	Research Project Phase-II	Major	FSN409		2	8	10	2	4	6	3				75	75	150	75	P	
10	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV																
	TOTAL			14	2	16	32			24							600			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses: CC**

Note: **Co-curricular Courses**: In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report.**

Table: Comprehensive Credits distribution amongst the type of Courses over Two Years (Four Semesters) PG Programme and Minimum Credits to be earned for PG Degree [Master inFaculty -----Major]

Sr. No.	Type of Course	Total Credits Offered	Minimum Credits Required
1	MAJOR		
	i. DSC	56	56
	ii. DSE	16	16
	TOTAL	72	72
2	Research Methodology and IPR (FSC/DSC: Major)	04	04
2	On Job Training, Internship/ Apprenticeship; Field projects Related to Major	04	04 for 120 Hours OJT/FP cum. (Minimum 60 Hours OJT/FP is mandatory)
3	Research Project	10	10
	OPTIONAL		
4	Co-Curricular Courses (offline and/or online as applicable): Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.).		Limited to Maximum 03 only (For 90 Hours of CC cumulatively)
	TOTAL		00
	TOTAL	93	88

Table A: Comprehensive Credit Distribution for CC

S. N.	Activities (offline/online as applicable)	Credits at Levels						Letter Grade
		College	University	State	Zone if exist	National	International if exist	
1	Health and wellness, Yoga* Competitions *If a Course (online/offline) on Yoga is completed for 60 Hours, 2 credits will be awarded to the student (1 Credit = 30 Hours)	1	2	3	4	5	6	P (Pass)
2	Unnat Bharat Abhiyan [UBA]	1	2	3	4	5	6	P (Pass)
3	Sports and fitness activities (see separate Table B)	1	1 / 2	2 / 3	3 / 4	4 / 5	5 / 6	P (Pass)
4	Cultural activities, Fine/Applied/Visual/Performing Arts	1	2	3	4	5	6	P (Pass)
5	N.S.S. activities Camps	1	2	3	4	5	6	P (Pass)
6	Academic activities like Research Paper/Article/Poster presentations, Aavishkar, start-up, Hackathon, Quiz competitions, other curricular, co-curricular activities, students exchange programme etc.	1	2	3	4	5	6	P (Pass)
	Research Paper/Article published	--	1	2	-	4	6	P (Pass)
7	Participation in Summer school/ Winter School / Short term course	2 Credits						P (Pass)
	(not less than 30 hours 1 or 2 weeks duration)	4 Credits						P (Pass)
	(not less than 60 hours 2 or 3 weeks duration)	2 Credits						P (Pass)
	Scientific Surveys, Societal Surveys	1 Credit						P (Pass)
	Field Visits, Study tours, Industrial Visits,							P (Pass)
8	NCC Activities	As given in Table C						

Table B: Credit Distribution for Sports and Fitness

Sr. No.	Particulars of Sports Status (Individual/ Team)	Credits	Letter Grade
1	College Level Participation	1	P (Pass)
2	University Level Participation	1	P (Pass)
3	University Level Rank 1, 2, 3	2	P (Pass)
4	State Level Participation	2	P (Pass)
5	State Level Rank 1, 2, 3	3	P (Pass)
6	Zonal Level Participation	3	P (Pass)
7	Zonal Level Rank 1, 2, 3	4	P (Pass)
8	National Level Participation	4	P (Pass)
9	National Level Rank 1, 2, 3	5	P (Pass)
10	International Level Participation	5	P (Pass)
11	International Level 1,2,3	6	P (Pass)

Table C: Credit Distribution for NCC activities

Sr. No.	Particulars of NCC Activities	Credits	Letter Grade
1	Participation in NCC activities	1	P (Pass)
2	'B' Certificate obtained	2	P (Pass)
3	'C' Certificate obtained	3	P (Pass)
4	State Level Participation	4	P (Pass)
5	National level Participation	5	P (Pass)
6	International Level Participation	6	P (Pass)