

SCHEME OF B. Sc. HOME SCIENCE & M. Sc. HOME SCIENCE

- Scheme of **Bachelor's Programme (Composite)** and **Master's Programme** (in five specializations i.e. Family Resource Management, Food Science and Nutrition, Human Development, Textile and Clothing, Communication and Extension) is designed by considering regional, national and global needs and to achieve the academic, professional, social and personal development of students.
- The **Bachelor's programme is of three year (six semesters)** / **Master's programme is of two year (four semesters)** duration. At every stage of completion of the course students will be given certificate, diploma and degree as shown under

S. N.	Semester	Certificate/ Diploma/ Degree
1	First	Certificate in Home Science
2	First & Second	Diploma in Home Science
3	Third & Fourth	Advanced Diploma in Home Science
4	Fifth & Sixth	Bachelor's Degree in Home Science
5	First & Second of Masters Programme	Post Graduate Diploma in Home Science*
6	Third & Fourth of Masters Programme	Master's Degree in Home Science*

*of respective specialization said in Para-1.

- The examinations of first, third and fifth semester shall be held in winter and second, fourth and sixth semesters shall be held in summer. Grade system will be used to evaluate performance of the examinee.
- The scheme is based on credit grade teaching evaluation system, comprise core Home Science and applied Science, elective / optional, intra and interdisciplinary, participatory (practical & Projects) and research courses.
- A total of 132 and 80 credits have to be taken by the students to complete bachelor's and master's programme respectively. Bachelor's programme is composite inspite of which elective papers are included. Master Programme of each discipline is choice based and elective papers are kept at III Semesters to build career in interested area.
- Teachers appointed in Home Science faculty are eligible to teach add-on course and communication skills of bachelor programme other than the subject teacher.
- About 20-30% marks are assigned for internal assessment in theory as well as practicals in which, performance in class test, session end examination, projects, seminars and assignments, attendance etc. will be assessed.
- In order to develop research aptitude, research based subjects are included at master's level. Dissertation is compulsory and research work of dissertation will begin from third semester and end in fourth semester. There shall be an open viva-voce on it.
- Scheme is focused on participatory learning, therefore practicals, seminars, home & community visits, extension activities, organization of intervention programmes, on job training / internship, projects participation in national and international days etc. are included.
- Choice based course (General Interest Course) shall be as per the Science faculty of this University, notified from time to time.
- Schemes of Bachelors and Masters Programme in Home Science are as enclosed herewith.
- Relative Weightage of internal assessment, (Theory and Practical), practical, dissertation & Seminar, rating scale of theory and practical subjects, final Grade Points for SGPA and CGPA are given in respective tables.

**SCHEME OF TEACHING AND EXAMINATION
M.Sc. HOME SCIENCE (COMMUNICATION AND EXTENSION)**

Sr. No.	Subject Code	Title of Paper	Teaching Scheme			Examination Scheme										Total		
			Hours of instructions per week		Credits	Theory		Duration in Hrs.	Theory		Duration in Hrs.	Practical		Minimum passing grade point	Practical		Minimum passing grade point	
			Theory	Practical/Tutorial		Total	Theory		Practical	Total		Theory	Max. Marks		Internal			Max. Marks
Semester-I																		
7.1	115CO47	Community Organisation and Development Theories	3	2	5	3	1	4	50	25	4	2	--	--	25	4	100	
7.2	115SD48	Sustainable Development Initiatives & Approaches	3	2	5	3	1	4	45	30	4	2	--	--	25	4	100	
7.3	113HL49	Human Learning Psychology	2	2	4	2	1	3	35	15	4	2	--	--	25	4	75	
7.4	115PD50	Programme Design and Evaluation	4	4	8	4	2	6	60	40	4	2.30	3	35	15	4	150	
7.5	111CA51	Computer Application in Communication and Extension Statistics	--	4	4	--	2	2	--	--	4	3	3	35	15	4	50	
		Total	12	14	26	12	7	19	300					175		475		
Semester-II																		
8.1	125EE52	Extension Education System	3	2	5	3	1	4	45	30	4	2	--	--	25	4	100	
8.2	125TM53	Training Methodology	3	4	7	3	2	5	45	30	4	2	3	35	15	4	125	
8.3	125AE54	Communication Approaches in Extension	3	4	7	3	2	5	45	30	4	2	--	--	50	4	125	
8.4	125ED55	Entrepreneurship Development in Communication OR 2GIC	3	2	5	3	1	4	45	30	4	2	3	20	5	4	100	
8.5	125RM56	Research Methods in Communication and Extension	3	2	5	3	1	4	45	30	4	2	3	--	25	4	100	
		Total	15	14	29	15	7	22	375					175		550		
Semester-III																		
9.1	235DP57	Development Project Management	--	4	4	--	2	2	--	--	4	2	--	--	50	4	50	
9.2	235MP58	IEC Material Production OR 3GIC	--	4	4	--	2	2	--	--	4	2	--	--	50	4	50	
9.3	235ELI59	Elective-I	3	4	7	3	2	5	45	30	4	2	3	35	15	4	125	
9.4	235ELI60	Elective-II	3	4	7	3	2	5	45	30	4	2	3	35	15	4	125	
9.5	235ELI61	Elective-III	3	4	7	3	2	5	45	30	4	2	3	35	15	4	125	
		Total	9	20	29	9	10	19	225					250		475		
Elective-I :																		
235ELI.1 Management of Non-Government Organization																		
235ELI.2 Writing for Media																		
235ELI.3 Curriculum Planning and Development																		
Elective-II :																		
235ELII.1 Management of Human Service Organization																		
235ELII.2 Media Planning and Social Advertising																		
235ELII.3 Curriculum Text Production																		
Elective-III																		
235ELIII.1 Community Health & Hygiene Education																		
235ELIII.2 Media Research and Evaluation																		
235ELIII.3 Evaluation of Curriculum and Text																		
Semester-IV																		
10.1	245WE62	Writing, Editing and Reporting for Mass Communication OR 4GIC	3	4	7	3	2	5	45	30	4	2	--	--	50	4	125	
10.2	245CT63	Current Trends and Issues in Extension and Communication	3	4	7	3	2	5	45	30	4	2	--	--	50	4	125	
10.3	245SW64	Scientific Writing	3	4	7	3	2	5	45	30	4	2	--	--	50	4	125	
10.4	245DI65	Dissertation Report Viva Seminar	--	--	--	--	3	3	--	--	4	--	75	--	4	75		
		Total	9	12	21	9	6	20(15+3+2**)	225				275		25	25		

Note : Students will have to Select any one paper from each of the Elective-I,II & III mentioned in Semester-III. * : Dissertation work, ** : Seminar, Viva

**SCHEME OF TEACHING AND EXAMINATION
M.Sc. (HOME SCIENCE) (FOOD SCIENCE AND NUTRITION)**

Sr. No.	Subject Code	Title of Paper	Teaching Scheme			Examination Scheme										Total			
			Hours of instructions per week			Credits			Duration in Hrs.	Minimum passing grade point	Theory		Practical		Duration in Hrs.		Minimum passing grade point	Practical	
			Theory	Practical/Tutorial	Total	Theory	Practical	Total			Theory	Max. Marks	Internal	Max. Marks				Internal	
Semester-I																			
7.1	112FS47	Food Science	4	4	8	4	2	6	2.30	60	40	4	35	15	4	150			
7.2	113HP48	Human Physiology	4	---	4	4	---	2.30	60	40	4	---	---	---	---	100			
7.3	112FH49	Food and Human Behaviour	2	2	4	2	1	3	2.0	35	15	4	--	25	4	75			
7.4	112NP50	Nutrition Programme Design and Evaluation	2	4	6	2	2	4	2.0	35	15	4	--	50	4	100			
7.5	111CA51	Computer Application in Food Statistics	--	4	4	--	2	2	--	--	--	--	35	15	4	50			
		Total	12	14	26	12	7	19		300			175		475				
Semester-II																			
8.1	122FM52	Food Microbiology	3	2	5	3	1	4	2.0	45	30	4	20	5	4	100			
8.2	122NB53	Nutritional Biochemistry	3	4	7	3	2	5	2.0	45	30	4	35	15	4	125			
8.3	122CA54	Communication Approaches in Nutrition	3	4	7	3	2	5	2.0	45	30	4	--	50	4	125			
8.4	122ED55	Entrepreneurship Development in Food OR 2GIC	3	2	5	3	1	4	2.0	45	30	4	20	5	4	100			
8.5	122RM56	Research Methods in Nutrition	3	2	5	3	1	4	2.0	45	30	4	--	25	4	100			
		Total	15	14	29	15	7	22		375			175		550				
Semester-III																			
9.1	232FP57	Food Product Development	--	4	4	--	2	2	--	--	--	--	35	15	4	50			
9.2	232SE58	Sensory Evaluation OR 3GIC	--	4	4	--	2	2	--	--	--	--	35	15	4	50			
9.3	232ELI59	Elective-I	3	4	7	3	2	5	2.0	45	30	4	35	15	4	125			
9.4	232ELI60	Elective-II	3	4	7	3	2	5	2.0	45	30	4	35	15	4	125			
9.5	232ELI61	Elective-III	3	4	7	3	2	5	2.0	45	30	4	35	15	4	125			
		Total	9	20	29	9	10	19		225			250		475				
Elective-I :																			
232ELI.1 Therapeutic Nutrition																			
232ELI.2 Assessment of Nutritional Status																			
232ELI.3 Kitchen Planning, Equipment & Plans																			
Elective-II :																			
232ELII.1 Biochemical Correlation with Nutritional Therapy																			
232ELII.2 Nutritional Epidemiology																			
232ELII.3 Food Safety and Quality Control																			
Elective-III :																			
232ELIII.1 Dietetic Techniques & Patient Counseling																			
232ELIII.2 Community Nutrition																			
232ELIII.3 Food Service Management																			
Semester-IV																			
10.1	242FI62	Food Informatics OR 4GIC	3	4	7	3	2	5	2.0	45	30	4	--	50	4	125			
10.2	242CI63	Current Issues in Food & Nutrition	3	4	7	3	2	5	2.0	45	30	4	--	50	4	125			
10.3	242SW64	Scientific Writing	3	4	7	3	2	5	2.0	45	30	4	--	50	4	125			
10.4	242DI65	Dissertation Report Viva Seminar	--	--	--	--	--	3	--	--	--	75	--	--	4	75			
		Total	9	12	21	9	6	20(15+3*+2**)		225			275		500				

Note : Students will have to Select any one paper from each of the Elective-I,II & III mentioned in Semester-III.

*: Dissertation work,

** : Seminar, Viva

**SCHEME OF TEACHING AND EXAMINATION
M.Sc. (HOME SCIENCE) (HUMAN DEVELOPMENT)**

Sr. No.	Subject Code	Title of Paper	Teaching Scheme				Examination Scheme								Total		
			Hours of instructions per week		Credits		Duration in Hrs.	Minimum passing grade points	Theory		Practical		Duration in Hrs.	Minimum passing grade points		Practical	
			Theory	Practical/Tutorial	Total	Theory			Practical	Total	Theory	Max. Marks				Internal	Max. Marks
Semester-I																	
7.1	113TH47	Theories of Human Development	4	--	4	4	--	4	4	2.3	60	40	4	--	--	--	100
7.2	113HN48	Problems of Human Nutrition	4	4	8	4	2	6	4	2.3	60	40	4	35	15	4	150
7.3	113PI49	Psychology of Human Behaviour	2	2	4	2	1	3	4	2.0	35	15	4	20	5	4	75
7.4	114HD50	Human Development Programme Design and Evaluation	2	4	6	2	2	4	4	2.0	35	15	4	--	50	4	100
7.5	111CA51	Computer Application in Human Statistics	--	4	4	--	2	2	--	--	--	--	--	35	15	4	50
Total			12	14	26	--	7	19	300					175			475
Semester-II																	
8.1	123PT52	Psychological Testing	3	4	7	3	2	5	4	2.0	45	30	4	20	5	4	100
8.2	123CA53	Communication Approaches in Human Development	3	2	5	3	1	4	4	2.0	45	30	4	50	--	4	125
8.3	123ED54	Entrepreneurship in Human Development OR 2GIC	3	4	7	3	2	5	4	2.0	45	30	4	35	15	4	125
8.4	123HA55	Human Anatomy and Physiology	3	2	5	3	1	4	4	2.0	45	30	4	20	5	4	100
8.5	123RM56	Research Methods in Human Development	3	2	5	3	1	4	4	2.0	45	30	4	--	25	4	100
Total			15	14	29	15	7	22	375					175			550
Semester III																	
9.1	233WP57	Working with Parents and Community	--	4	4	--	2	2	2	--	--	--	--	35	15	4	50
9.2	233HR58	Child and Human Rights OR 3GIC	--	4	4	--	2	2	2	--	--	--	--	35	15	4	50
9.3	233ELI59	Elective-I	3	4	7	3	2	5	4	2.0	45	30	4	35	15	4	125
9.4	233ELI60	Elective-II	3	4	7	3	2	5	4	2.0	45	30	4	35	15	4	125
9.5	233ELI61	Elective-III	3	4	7	3	2	5	4	2.0	45	30	4	35	15	4	125
Total			9	20	29	9	10	19	225					250			475
Elective-I :																	
233ELI.1 Development of Self			233ELI.1 Projective Techniques of Psychological Testing			233ELI.1 Mental Health in Developmental Perspectives											
233ELI.2 Advanced Child Development			233ELI.2 Behavioural Problems, Child Guidance and Counseling			233ELI.2 Child with special Needs											
233ELI.3 Family and Child Welfare			233ELI.3 Family and Marriage Counseling			233ELI.3 Family Dynamics											
Elective-II :																	
233PE62			Personal Empowerment OR 4GIC			233CT63			Current Trends and Issues in Human Development			233SW64			Scientific Writing		
233DI65			Dissertation Viva Seminar														
Total			9	12	21	9	6	20(15+3+2+**)	225					275			500
Semester-IV																	
10.1	243PE62	Personal Empowerment OR 4GIC	3	4	7	3	2	5	4	2.0	45	30	4	--	50	4	125
10.2	243CT63	Current Trends and Issues in Human Development	3	4	7	3	2	5	4	2.0	45	30	4	--	50	4	125
10.3	243SW64	Scientific Writing	3	4	7	3	2	5	4	2.0	45	30	4	--	50	4	125
10.4	243DI65	Dissertation Viva Seminar	--	--	--	--	--	3	--	--	--	--	--	75	4	75	
Total			9	12	21	9	6	20(15+3+2+**)	225					275			500

Note: Students will have to Select any one paper from each of the Elective-I,II & III mentioned in Semester-III. ****:** Seminar, Viva

*****: Dissertation work.

**SCHEME OF TEACHING AND EXAMINATION
M.Sc. (HOME SCIENCE) (TEXTILE AND CLOTHING)**

Sr. No.	Subject Code	Title of Paper	Hours of instructions per week			Credits			Examination Scheme							Total				
			Theory		Practical/Tutorial	Theory		Practical	Total		Duration in Hrs.	Minimum passing grade points	Theory		Duration in Hrs.		Minimum passing grade points	Practical		Minimum passing grade points
			Theory	Total	Practical/Tutorial	Theory	Total	Theory	Max. Marks	Internal			Practical	Max. Marks				Internal		
Semester-I																				
7.1	114AT47	Advanced Textile Design	4	3	7	4	1.5	5.5	2.30	60	40	4	3	20	5	4	125			
7.2	114TC48	Textile Chemistry	3	3	6	3	1.5	4.5	2.0	45	30	4	3	35	15	4	125			
7.3	115PD49	Programme Design and Evaluation in Textile Clothing	2	2	4	2	1.0	3.0	2.0	35	15	4	--	--	25	4	75			
7.4	114ED50	Entrepreneurship Development in Textile and Clothing	3	2	5	3	1.0	4.0	2.0	45	30	4	3	20	5	4	100			
7.5	111CA51	Computer Application in Textile & Clothing Statistics	--	4	4	--	2.0	2.0	--	--	--	--	3	35	15	4	50			
		Total	12	14	26	12	7.0	19.0		300	300			175		475				
Semester-II																				
8.1	124FA52	Fashion and Apparel Design	3	4	7	3	2.0	5.0	2.0	45	30	4	3	35	15	4	125			
8.2	124TT53	Textile Testing & Quality Control	3	4	7	3	2.0	5.0	2.0	45	30	4	3	35	15	4	125			
8.3	123TC54	Textile Clothing and Human Psychology	3	2	5	3	1.0	4.0	2.0	45	30	4	3	20	5	4	100			
8.4	125CA55	Communication Approaches in Textiles and Clothing OR 2GIC	3	2	5	3	1.0	4.0	2.0	45	30	4	--	--	25	4	100			
8.5	124RM56	Research Methods in Textile & clothing	3	2	5	3	1.0	4.0	2.0	45	30	4	3	20	5	4	100			
		Total	15	14	29	15	7.0	22.0		375	375			175		550				
Semester-III																				
9.1	234PM57	Pattern Making	--	6	6	--	3.0	3.0	--	--	--	--	3	50	25	4	75			
9.2	234FI58	Fashion Illustration OR 3GIC	--	6	6	--	3.0	3.0	--	--	--	--	3	50	25	4	75			
9.3	234ELI59	Elective-I	3	2	5	3	1.0	4.0	2.0	45	30	4	3	20	5	4	100			
9.4	234ELI60	Elective-II	3	4	7	3	2.0	5.0	2.0	45	30	4	4	35	15	4	125			
9.5	234ELI61	Elective-III	3	2	5	3	1.0	4.0	2.0	45	30	4	3	20	5	4	100			
		Total	9	20	29	9	10.0	19.0		225	225		3	250		475				
Elective-I:																				
234ELI.1 Historic Costume																				
234ELI.2 Dying and Printing																				
234ELI.3 Fashion Making and Merchandising																				
Elective-II:																				
234ELII.1 Eco Textiles and Environment																				
234ELII.2 Advanced Apparel Construction																				
234ELII.3 Historic Textiles																				
Elective-III:																				
234ELIII.1 Knitting Technology																				
234ELIII.2 Fashion Communication																				
234ELIII.3 Textile Industry in India																				
Semester IV																				
10.1	244CT62	Current Trends in Textile Clothing	3	4	5	3	2.0	5.0	2.0	45	30	4	--	--	50	4	125			
10.2	244CA63	CAD in Textile and Fashion OR 4GIC	2	6	8	2	3.0	5.0	2.0	35	15	4	3	50	25	4	125			
10.3	244SW64	Scientific Writing	3	4	7	3	2.0	5.0	2.0	45	30	4	--	--	50	4	125			
10.4	244D65	Dissertation	--	--	--	--	--	3.0	--	--	--	--	--	75	--	4	75			
		Viva	--	--	--	--	--	1.0	--	--	--	--	--	25	--	4	25			
		Seminar	--	--	--	--	--	1.0	--	--	--	--	--	25	--	4	25			
		Total	8	12	20	8	7.0	20(15+3*2**)		225	225			275		500				

Note : Students will have to Select any one paper from each of the Elective-I,II & III mentioned in Semester-III. .

*:Dissertation work, **:Seminar, Viva

**SCHEME OF TEACHING AND EXAMINATION
M.Sc. (HOME SCIENCE) (RESOURCE MANAGEMENT)**

Sr. No.	Subject Code	Title of Paper	Hours of instructions per week			Credits			Examination Scheme							Total		
			Theory		Total	Theory		Practical	Total	Duration in Hrs.	Minimum passing grade points	Theory		Duration in Hrs.	Minimum passing grade points		Practical	
			Practical/Tutorial	Practical	Theory	Practical	Theory	Max. Marks	Internal			Max. Marks	Internal					
			Theory	Practical/Tutorial	Total	Theory	Practical	Total	Theory	Max. Marks	Internal	Theory	Max. Marks	Internal	Practical		Max. Marks	Internal
Semester-I																		
7.1	111HR47	Human Resource Management	4	-	4	4	4	--	4	2.3	60	40	40	--	--	4	4	100
7.2	111PM48	Principles of Management	4	4	8	4	4	2	6	2.3	60	40	40	15	35	--	4	150
7.3	113HB49	Human Behaviour in Resource Management	2	2	4	2	2	1	3	2.0	35	15	15	-	25	4	4	75
7.4	115PD50	Resource Development Programme Design and Evaluation	2	4	6	2	2	2	4	2.0	35	15	15	-	50	4	4	100
7.5	111CA51	Computer Application in Resources Statistics	--	4	4	--	2	2	2	--	--	--	--	35	15	4	4	50
	Total		12	14	26	12	7	19			300			175			475	
Semester II																		
8.1	121RF52	Residential Furnishing and House Keeping	3	2	5	3	1	4	4	2.0	45	30	30	20	5	4	4	100
8.2	121HT53	Household Technology	3	4	7	3	2	5	5	2.0	45	30	30	35	15	4	4	125
8.3	121AR54	Communication Approaches in Resource Management	3	4	7	3	2	5	5	2.0	45	30	30	50	--	4	4	125
8.4	121ED55	Entrepreneurship Development OR 2GIC	3	2	5	3	1	4	4	2.0	45	30	30	20	5	4	4	100
8.5	121RM56	Research Methods in Resource Management	3	2	5	3	1	4	4	2.0	45	30	30	-	25	4	4	100
	Total		15	14	29	15	7	22			375			175			550	
Semester-III																		
9.1	231ER57	Ergonomics	--	4	4	--	2	2	2	--	--	--	--	35	15	4	4	50
9.2	231FM58	Financial Management OR 3GIC	--	4	4	--	2	2	2	--	--	--	--	35	15	4	4	50
9.3	231ELI59	Elective-I	3	4	7	3	2	5	5	2.0	45	30	30	35	15	4	4	125
9.4	231ELI60	Elective-II	3	4	7	3	2	5	5	2.0	45	30	30	35	15	4	4	125
9.5	231ELI61	Elective-III	3	4	7	3	2	5	5	2.0	45	30	30	35	15	4	4	125
	Total		9	20	29	9	10	19			225			250			475	
Elective-I :																		
231ELI.1 Home Event Management																		
231ELI.2 Home Furnishing																		
231ELI.3 Front Office Operation and Accommodation																		
Elective-II :																		
231ELII.1 Community Event Management																		
231ELII.2 Household Equipment; 231ELII.3 Food Service Management																		
Elective-III :																		
231ELIII.1 Institutional Event Management																		
231ELIII.2 House Keeping and Facility Management; 231ELIII.3 Travel Management																		
Semester-IV																		
10.1	241RI62	Resource Informatics OR 4GIC	3	4	7	3	2	5	5	2.0	45	30	30	--	50	4	4	125
10.2	241CI63	Current Issues and Trends in Resource Management	3	4	7	3	2	5	5	2.0	45	30	30	--	50	4	4	125
10.3	241SW64	Scientific Writing	3	4	7	3	2	5	5	2.0	45	30	30	--	50	4	4	125
10.4	241DI65	Dissertation Viva Seminar	--	--	--	--	--	3	3	--	--	--	--	75	--	4	4	75
	Total		--	--	--	9	6	20(15+3*+2**)			225			275			500	

Note : Students will have to Select any one paper from each of the Elective-I,II & III mentioned in Semester-III. .

** : Seminar, Viva

* : Dissertation work,

Table-1 : Internal Assessment of Theory

Sr. No.	Theory subject	Total Marks (%)
1	Class Tests	20
2	Assignments	20
3	Attendance	10
4	Session End Examination	50

Table-2 : Internal Assessment of Practicals

Sr. No.	Theory subject	Total Marks (%)
1	Presentation of Reports	20
2	Submission of Reports	50
3	Performance during Practical / Sessional	20
4	Attendance	10

Table-3: Evaluation of Practical

Sr. No.	Theory subject	Total Marks (%)
1	Performance in the conduction of experiments and / or Sessional	50
2	Practical Record /Sessional Reports	20
3	Viva	20
4	Attendance	10

Table-4: Evaluation of Dissertation

Sr. No.	Theory subject	Total Marks (%)
1	Title & Introduction	05
2	Review of Literature	05
3	Methodology	15
4	Results & Discussion	35
5	Summary & Conclusion	05
6	Implications	05
7	Norms of Scientific Writing	10
8	Submission of Final Draft of Report (Spiral Bound)	10
9	Submission of corrected report (Hard Bound) along with Soft Copy (CD)	10

Table-5: Evaluation of Seminar

Sr. No.	Theory subject	Total Marks (%)
1	Synopsis of dissertation	40
2	Result of Dissertation Work	60
