

SARDAR PATEL UNIVERSITY, VALLABH VIDYANAGAR

B.Sc. Home Science

(Under Choice Based Credit Scheme) (Effect from June, 2022-23)

Semester - THIRD (FAMILY RESOURCE MANAGEMENT)

Course Type	Course Code (10 Digit)	Name of Course	Theory (T) Practical (P)	Credit	Contact hrs/ week	Exam Duration in hrs	Marks		
							Internal	External	Total
Ability Enhancement Course	UH03AHSC51	Communication and Extension	T	2	2	2	15	35	50
	UH03AHSC52	Communication and Extension	P	2	4	3	15	35	50
Core Courses	UH03CFRM51	Family Finance and Consumer studies.	T	4	4	3	30	70	100
	UH03CFRM52	Family Finance and Consumer studies.	P	2	4	3	15	35	50
	UH03CFRM53	Designing Furniture and Furnishings	T	4	4	3	30	70	100
	UH03CFRM54	Designing Furniture and Furnishings	P	2	4	3	15	35	50
	UH03CFRM55	Food Service Management	T	2	2	2	15	35	50
Skill Enhancement Courses	UH03SFRM51	Creative applied Arts	T	2	2	2	15	35	50
	UH03SFRM52	Creative applied Arts	P	2	4	3	15	35	50
Elective Courses (Any One)	UH03EHSC51	Effective Speaking and Writing	P	2	4	2	15	35	50
	UH03EHSC52	Health & Herbs	P	2	4	2	15	35	50
	UH03EHSC53	Landscaping and Gardening	P	2	4	2	15	35	50
	UH03EHSC54	Yoga and Meditation	P	2	4	2	15	35	50
		Total		24	34		180	420	600



Bachelor of Science -Home Science
(B.Sc. - H. Sc.) (Home Science) Semester (III)

Course Code	UH03AHSC51	Title of the Course	Communication and Extension
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Enable to understand the importance of communication in their day to day life2. Acquaint the students with the types of communication and process of communication.3. Shape the students future as a better citizen in the social networking.4. Perceive the importance of extension education
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Communication Concept</p> <p>(a) Meaning and importance of communication</p> <p>(b) Elements of Communication – three elements – source, message, receiver, four elements – encoding, decoding, sender and receiver, five elements – communicator, communicate, message, channel and feedback</p> <p>(c) Means of Communication – Oral, Written, Sign / signal, action, object</p> <p>(d) Types of Communication – Formal and Informal Communication</p> <p>(e) Pattern - one way, two way, circular</p> <p>(f) Barriers to Communication – semantic, psychological, organizational and personal</p>	30
2.	<p>Communication media –</p> <p>(a) Print and electronic media</p> <p>(b) Advantages and Limitations of communication media</p>	15
3.	<p>Effective Communication</p> <p>(a) Characteristics – Clear, correct, complete and precise message, reliability, consideration of the recipient</p> <p>(b) skills – Observance, clarity and Brevity, Listening and Understanding, self-efficacy and self confidence</p> <p>(c) Significance – Team work, Team building, problem solving and decision making skills, facilitate creativity and reduces</p>	25





	misunderstanding (d) Concepts relating to communication – perception, fidelity, communication gap, Empathy, Homophily, heterophily	
4.	Unit-IV. Communication and Extension (a) Concept, need, functions, principles and scope of extension (b) Steps in extension teaching (c) Communication methods in extension :group method, mass method and individual method (d) Advantages and limitations of communication and extension (e) Approaches: General Extension, Commodity specialized, Training and visit, Agricultural, Extension participatory, project, farming systems development, cost sharing and Educational Institution approach	30

Teaching-Learning Methodology	Lecture Method, Questions-Answer method, Discussion method, Brainstorming method, Observational method, Use of ICT
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Improved personal relations with immediate and extended communication.
2.	Function more effectively & assertively in public and work environment.
3.	Identify their strengths & weaknesses and improve on weakness.
4.	Better equipped to use media in their professional endeavours

Suggested References:





Sr. No.	References
1.	Sharma, S. R. (1998). <i>Extension Education</i> . Omsons Publications.
2.	Kumar, K. J. (2000). <i>Mass communication in India</i> (Vol. 741). Jaico publishing house.
3.	Rayudu, C. S. (2011). <i>Media and communication management</i> . Himalaya Publishing House.
4.	Mody, B., & Rolston, M. (1991). <i>Designing messages for development communication: An audience participation-based approach</i> . New Delhi: Sage Publications.
5.	Kotler, P. (2006). <i>Marketing Management</i> . India: Pearson Education

On-line resources to be used if available as reference material

On-line Resources

Epgp.inflibnet.ac.in/Home





Bachelor of Science -Home Science
(B.Sc. - H. Sc.) (Home Science) Semester (III)

Course Code	UH03AHSC52	Title of the Course	Practical - Communication And Extension
Total Credits of the Course	02	Hours per Week	04
Course Objectives:	<ol style="list-style-type: none">1. Develop skill for effective communication and Extension.2. Develop an ability to communicate in various situations.3. Prepare suitable communication aids for educating community.4. Learn the importance media in development communication5. Acquire skills on Information Education and Communication (IEC) technologies and media		

Course Content		
Unit	Description	Weightage* (%)
1.	Communication modes for rural and urban communities: Making charts / posters / cartoons	10
2.	Preparing leaflets / folders / handouts	10
3.	Demonstration/ techniques or any innovative method for Communication (Games).	10
4..	Preparing scripts for role play/ street play/ puppet shows /Radio and T.V talk show	10
5.	Preparing puppets for puppet show.	10
6.	Creative writing: Column and article Writing	10
7.	Skills in Letter writing	10
8.	Presentation Skills : Making PPT.	10
9.	Prepare a questionnaire for the community to understand their felt and unfelt need	10
10.	Organizing an exhibition of various products related to their respective field.	10

Teaching-	Questions-Answer method, Discussion method, Brainstorming method,
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Learning Methodology	Observational method, Role-playing method, Brainstorming method Survey method
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the concept related to communication and extension for development
2.	Focus on different types of media and its uses in the implementation of programme
3.	Analyze the ICT in development communication

On-line resources to be used if available as reference material
On-line Resources
Epgp.inflibnet.ac.in/Home





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (III)

Course Code	UH03CFRM51	Title of the Course	Family Finance and Consumer Studies
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To identify the importance of wise use of money as a resource.2. To develop an appreciation for financial management in family living.3. To appraise the role of consumers in the Indian economy.4. To create awareness about marketing conditions, rights and responsibilities of consumers
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Course Content		
Unit	Description	Weightage* (%)
1.	Household income and expenditure (a) Household income (b) Factors influencing expenditure pattern, Engel's law (c) Supplementation of Family income (d) Budgeting	20
2.	Family Savings and Credit practices (a) Family savings and investments- need, principles, channels of investment, Savings and savings institutions, merits and demerits of each, Guidelines for wise savings practices. (b) Consumer credit- Concept, meaning, need, sources, credit cards, credit services availed by the family members, types of loans availed by families (c) Mortgages: Definition and conceptual meaning, significance in meeting emergent needs of expenditure (d) Personal finance management :Tax implications, Calculation of personal income tax	20
3.	Consumerism in India : (a) Definition, Type of consumer problems (Products and service), Causes and solution (b) Consumer aids: classification – Labels, Trademarks, Brand Names, Patents, Warranty, Guarantee and After Sales Service (c) Role of advertisements influencing consumer behaviour	20





4.	Green Consumerism- Meaning and importance with respect to consumerism, need, consideration in daily consumption and significance, ethos of adopting sustainable/eco-friendly lifestyle as green consumers.	20
5.	Consumer protection (a) Concept, need and significance (b) Consumer rights and responsibilities in India (c) Basic legislative framework for consumer protection in India- Consumer Protection Act 1986 (COPRA) , Alternative redressal mechanisms, Mediation centres (d) Standardization and quality control measures: Role of ISI, FPO, AGMARK, ISO, Eco mark, Wool mark, Silk mark, Cotton mark, Handloom mark, BEE Star labelling and others (e) Consumer Protection Act 2019	20

Teaching-Learning Methodology	Participatory lectures with active learning, reflective learning, written exercises, collaborative learning, problem solving, lectures(black-board and chalk), tutorials, library use and e-learning through videos coupled with market survey, field-based learning, Assignments
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the importance of wise use of money as a resource.
2.	Develop an appreciation of role of financial management in family living.
3.	Understand the role of consumer in the market.
4.	Become aware of marketing conditions, rights and responsibilities of consumers.
5.	Recognize the problem while purchasing goods / services from market.





Suggested References:

Sr. No.	References
1.	Ogle, N., Srinivasan, K., Varghese, M.A. (1996). <i>Home Management</i> , New Delhi: New Age International House.
2.	The Educational Planning Group Delhi. (1993). <i>Home Management</i> . New Delhi: Arya Publishing House.
3.	Shukul, M. and Gandotra, V. (2006). <i>Home Management and Family Finance</i> . New Delhi: Dominant Publishers and Distributors.
4.	Sawhney, H. K., and Mital, M. (2007), <i>Family Finance and Consumer Studies</i> . New Delhi: Elite Publishing House Pvt. Ltd.
5.	Sarkar, A. (1989). <i>Problems of Consumer in Modern India</i> . Delhi: Discovery Publishing House.
6.	Agarwal, Anju (1989). <i>A Practical Handbook for Consumer</i> . Bombay: India book house.

On-line resources to be used if available as reference material

On-line Resources

Consumer handbook https://consumeraffairs.nic.in/sites/default/files/file-uploads/consumer_information/Consumer_Handbook_H.pdf

Consumer handbook https://consumeraffairs.nic.in/sites/default/files/file-uploads/consumer_information/Consumer_Handbook.pdf





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (III)

Course Code	UH03CFRM52	Title of the Course	Practical-Family Finance and Consumer Studies
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To comprehend the importance of wise use of money as a resource.2. To develop an appreciation for financial management in family living.3. To appraise the role of consumers in the Indian economy.4. To create awareness about marketing conditions, rights and responsibilities of consumers.
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Course Content		
Unit	Description	Weightage* (%)
1.	To understand the types of income and their sources along with supplementation of existing income	05
2.	To prepare customized budget for families with specified income and goals.	10
3.	To find out current saving and investment schemes from various financial institutions and present.	10
4.	Learning to fill various forms and digital mode of money transfer	10
5.	To make students aware about consumer rights and responsibilities.	05
6.	To study the malpractices existing in the market.	05
7.	To evaluate and design informative and attractive labels for different type of products.	10
8.	To discuss advantages and disadvantages of various packaging materials.	10
9.	To distinguish various quality marks by drawing logo and colour of logo	10
10.	To understand the three tier redressal mechanism under COPRA	05
11.	Visit to consumer Forums and consumer courts to understand their operational procedures	05





12.	Debates/discussions on: Consumer credit, Online shopping, Debit cards/credit cards	05
13.	Calculate taxable income and accruing tax for an individual whose occupation, monthly income, savings and like are specified	10

Teaching-Learning Methodology	Active learning, reflective learning, written exercises, collaborative learning, problem solving, Discussions and display of various materials, e-learning coupled with market survey ,field-based learning, Assignments,
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the importance of wise use of money as a resource.
2.	Develop an appreciation of role of financial management in family living.
3.	Understand the role of consumer in the market.
4.	Become aware of marketing conditions, rights and responsibilities of consumers.
5.	Recognize the problem while purchasing goods / services from market.

Suggested References:	
Sr. No.	References
1.	Ogle, N. Srinivasan, K. and Varghese, M.A. (1996). <i>Home Management</i> . New Delhi:





	New age International House.
2.	The Educational Planning Group Delhi. (1993). <i>Home Management</i> . New Delhi: Arya Publishing House.
3.	Shukul, M. and Gandotra, V. (2006). <i>Home Management and Family Finance</i> . New Delhi: Dominant Publishers and Distributors.
4.	Sawhney, H. K. and Mital, M. (2007). <i>Family Finance and Consumer Studies</i> . New Delhi: Elite Publishing House Pvt. Ltd.
5.	Sarkar, A. (1989). <i>Problems of Consumer in Modern India</i> . Delhi: Discovery Publishing House.
6.	Agarwal, A. (1989). <i>A Practical Handbook for Consumer</i> . Bombay: India book house
7.	Rani, A. (2011). <i>Home Budget and Time Management</i> . New Delhi: Sonali Publications.

On-line resources to be used if available as reference material

On-line Resources

Consumer handbook https://consumeraffairs.nic.in/sites/default/files/file-uploads/consumer_information/Consumer_Handbook_H.pdf

Consumer handbook https://consumeraffairs.nic.in/sites/default/files/file-uploads/consumer_information/Consumer_Handbook.pdf





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (III)

Course Code	UH03CFRM53	Title of the Course	Designing Furniture and Furnishings
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To get insight into variety of furniture and furnishings suitable for the interiors.2. To train in the selection of appropriate materials for different surfaces.3. To develop aesthetic sense and good taste.4. To undertake aesthetic and sustainable maintenance of interior and exterior surfaces
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Course Content		
Unit	Description	Weightage* (%)
1.	Meaning and Importance of Interior Space Design (a) Significance in interior space designing (b) Aims of Design: Beauty, Expressiveness and Functionalism (c) Contemporary Trends with respect to furniture, furnishings & accessories.	10
2	Furniture and Furniture Arrangement (a) Types of Furniture: Modular furniture, mobile furniture; upholstered furniture; multi-purpose furniture (b) Selection, materials and finishes (c) Trends in furniture (d) Ergonomics, space saving, innovation in designing Furniture (e) Construction, care and maintenance (f) Furniture Arrangement	20
3.	Interior Building Finishes their suitability and care: (a) Wall Coverings : Types of wall treatments, Exterior and interior wall finishes (b) Floor Coverings: Types of floor coverings, Selection care and maintenance of floor covering (c) Doors and Windows: Importance, functions. Decorative treatments (d) Accessories: Importance, use and classification; role in completing an interior, selection/development and placement of	25





	accessories	
4.	Home Furnishings (a) Types of furnishing used in interiors: bed linens, table linens, bedspreads, upholstery fabrics, cushions and pillows etc. (b) Window treatments- hard and soft curtains and draperies, (c) Factor influencing furnishing decisions: climate conditions, needs and preference, availability in the market and principles of design. (d) Alternative means of improving home furnishing conditions: elimination, concealment, rearrangement, supplementation (with new items). (e) Selection, care and maintenance of furnishings.	25
5.	Japanese Styles of Flower Arrangement (a) History of Japanese Arrangement (b) Styles of Japanese Arrangement (c) Materials required (d) Preservation or conditioning of plant materials (e) Terrarium or bottle garden (f) Bonsai	20

Teaching-Learning Methodology	Lectures, Power -point Presentations, blackboard and chalk, Field Visits, ICT enabled Teaching, market survey, discussions, assignments, Presentations, Individual / group project.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Identify the different component of interiors.





2.	Understand the role of furnishings in designing and decorating interiors
3.	Understand the maintenance of materials and finishes to create aesthetic and sustainable interiors.
4.	Appreciate the history and contemporary trends in interior design.
5.	Adopt various window treatments in interiors.

Suggested References:

Sr. No.	References
1.	Gandotra, V., Shukul, M. and Jaiswal N. (2011). <i>Introduction to Interior Design and Decoration</i> . New Delhi: Dominant publishers, India.
2.	Bhatt, P., (2018). <i>Foundation of Art and Design</i> . Nasik: Mr. Sharad Dalal Square Arts.
3.	Ogle, N., Srinivasan, K. & Varghese, M. A. (2020). <i>Home Management</i> . New Delhi: New Age International Ltd.
4.	The Educational Planning Group Delhi. (2015). <i>Home management</i> . New Delhi: Arya Publishing House.
5.	Faulkner, R. and Faulkner, S. (1987). <i>Inside Today's Home</i> . New York: Rinehart Winston, India.
6.	Kasu, A. A. (2005). <i>Interior Design</i> . Delhi: Ashish Book Centre.
7.	Premavathy, S. & Pannu, P. (2017). <i>Interior Design and Decoration</i> . New Delhi: CBS Publishers and Distributors Pvt. Ltd. India.

On-line resources to be used if available as reference material

On-line Resources

<http://ecoursesonline.iasri.res.in/mod/page/view.php?id=27384>

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>

P-02. Decorating the Interiors (Module 16-27)





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (III)

Course Code	UH03CFRM54	Title of the Course	Practical - Designing Furniture and Furnishings
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To gain better understanding of interior enrichment.2. To encourage creativity, innovation and exploratory thinking.3. To impart knowledge on factors influencing planning of life space.
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Course Content		
Unit	Description	Weightage* (%)
1.	Listing furniture requirements for various activities carried out in a household.	05
2.	Draw commonly used furniture with measurements.	10
3.	Arrangement of furniture in various rooms.	10
4.	Drawing various joints used in construction of furniture	10
5.	Collecting pictures of various room interiors in residences and identifying the accessories and soft furnishings used in it.	10
6.	Developing room plans showing furniture arrangement, furnishings and colour scheme for different areas of the house.	20
7.	Demonstrations of different types and styles of flower arrangement. Preparing flower arrangement.	10
8.	Design and draw different kinds of windows treatments for interiors and treating problem windows/challenging window. Workshop on construction of soft window treatments.	10
9.	Visit to a manufacturing unit of a furniture shop and observing the construction of upholstered furniture.	05
10	Preparation of portfolio on the following topics: • Wall coverings & decorations (pictures, etc.) • Floor coverings & decorations • Window & door treatments • Lighting systems • Artifacts (sculptures,	10





	ceramics/terracotta, handicrafts, flower arrangements, etc.) Portfolio comprising of different furnishing materials (curtains, draperies, upholstery, cushions, table linen, bedroom linen) available in the market and its cost.	
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Teaching-Learning Methodology	Blended learning, workshops, portfolio making, lectures, demonstrations, market surveys, workshops, field visits and arranging mock spaces, Individual / group project.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written & Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Comprehend the nuances of design with focus on interior.
2.	Gain skill in designing residential spaces.
3.	Analyse recent trends in furnishings.
4.	Select and arrange furniture and furnishings in different rooms in residential spaces.
5.	Develop confidence in decorating interiors using furniture and furnishings.

Suggested References:	
Sr. No.	References
1.	Kasu, A.A. (2005). <i>Interior Design</i> . Delhi: Ashish Book Centre.





2.	Gandotra, V., Shukul, M., and Jaiswal, N. (2011). <i>Introduction to Interior Design and Decoration</i> . New Delhi: Dominant publishers, India.
3.	Bhatt, P., (2018). <i>Foundation of Art and Design</i> . Nasik: Mr. Sharad Dalal Square Arts.





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (III)

Course Code	UH03CFRM55	Title of the Course	Food Service Management
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. To acquaint the students with the field of food and beverage services and their management.2. To impart knowledge about need and use of different tools and equipment in the food service.3. To develop skill in services offered by the industry.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to food and beverage management (a) Purpose and scope. (b) Classification: Commercial and non-commercial (c) Food and Beverage outlets. (d) Staff organization and attributes of food service personnel.	25
2.	Food and Beverage Equipment (a) Restaurant Furniture: Trolleys, Linen, Tableware, Silverware, Glassware, Disposables, (b) Bar Equipment (c) Buffet Equipment (d) Personal Equipment	25
3.	Food planning and serving (a) Menu Planning (b) Types of Food service. (c) Laying the Table and Etiquette & Manners.	25
4.	Finance Management (a) Elements of costs: Food cost control, Labor cost control, Energy cost control (b) Budgeting Control: Budgeting cycle, Limiting factors	25





Teaching-Learning Methodology	Lecture, Group Discussion, Projects and Class Presentations, Peer -partner Learning, ICT based teaching.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Acquire the expertise in working and establishing food service institutions.
2.	Understand the functions and etiquettes of food service industry.
3.	Get an insight into the scope of food service.

Suggested References:	
Sr. No.	References
1.	Prasad, V.& Gopi Krishna, R. (2013). <i>Food and Beverage</i> . New Delhi: India
2.	Kumar, D. (2009). <i>Food service and Catering Management</i> . New Delhi: Mahendra Garg for omega.
3.	Sethi, M. and Malhan, S. (2009). <i>Catering Management-An Integrated Approach</i> . New Delhi: New Age International (P) Ltd.
4.	Ahmed, I. (1999). <i>Catering Sales and Convention Services</i> . New York: Delmar Pub.
5.	Andrews, S. (1980). <i>Food and Beverage Service Training Manual</i> . New Delhi: Tata Mc Graw Hill Pub Co Ltd.





6.	Brian, Verghese. (1999). <i>Professional Food and Beverage Services Management</i> . Noida: MacMillan India Ltd.
7.	Fuller, J. (1982). <i>Modern Restaurant Service</i> . Bengaluru: Hutchinson & co Ltd.

On-line resources to be used if available as reference material

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>

P-05 Management of Food Service M-01 Classification and Objectives of Food Service





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (III)

Course Code	UH03SFRM51	Title of the Course	Creative and Applied Arts
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	1. To comprehend the significance of art concepts in day-to-day life spaces. 2. To identify and practice distinctions in creative arts.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to Visual Art (a) Meaning and Philosophy of Art; Categories of Art Related to Interior Design and Architecture: Visual, Plastic, Decorative, Applied Arts (b) Type of Arts and Designs: Visual Art and Graphic Art, Visual Design and Graphic Design	25
2.	Materials Used in Works of Art (a) Materials and Their Use in Applied Arts: Wood, Earthenware, Ceramics, Glass, Plastics and Metals (b) Availability, Processing and Use of Different Materials (c) Ornamentation and Fine-Tuning Techniques	25
3.	Introduction to Art Forms (a) Concept and ABC Of Design – Aesthetics, Basic Design and Creativity (b) Significance of ABC In Design Development (c) Varieties of Art: Art, Abstract and Surreal	25
4.	Applied Arts for Functional/ Aesthetic Use (a) Painting – Water, Oil, Pot, Madhubani, Worli, (b) Calligraphy (c) Pottery (d) 3D Printing (e) Papier Mache (f) Floor and Wall Decorations – Kolam, Alpana, Mandana	25





Teaching-Learning Methodology	Lectures, Demonstrations, Workshops, Field Visits, ICT based exposures.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Appreciate aesthetics of arts and crafts
2.	Inculcate skills through hands – on experience in applied arts
3.	Apprehend learning as an enjoyable stress-free experience resulting in lifelong learning.

Suggested References:	
Sr. No.	References
1.	Kasu, A.A. (2005). <i>Interior Design</i> . Delhi: Ashish Book Centre.
2.	Faulkner, R. & Faulkner, S. (1986). <i>Inside Today's Home</i> . New York: Rinehart.
3.	Shaw, R.B. (2003). <i>Interiors by Design</i> . London, New York: Ruland Peters and Small.
4.	Seymour, P. (2003), <i>The Artist's Hand Book – A Complete Professional Guide to Materials and Techniques</i> . London: Arctarus Publishing limited.





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (III)

Course Code	UH03SFRM52	Title of the Course	Practical - Creative and Applied Arts
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To acquaint with the techniques of 2D drawing techniques.2. To enlighten with types of artwork.3. To familiarize with famous artist and their work.
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Course Content		
Unit	Description	Weightage* (%)
1.	2D Design Drawing - Techniques of Drawing, Rendering and Painting (Water, Oil)	10
2.	2 D Art Forms: Collage, Decoupage, Stencil, Puppetry	10
3.	Collection and display of antiques	10
4.	Collection and analysis of paintings/ work of art of famous artists	10
5.	Collection and display of artwork from different states	10
6.	Creation of Accessories: Macramé, Pottery, Terrarium, Paper Mache And Real Time (Working) Fountains, etc.	10
7.	Different types of paintings	10
8.	Field visit at the workshops of local artwork	10
9.	Field visits to Museums / Art Gallery to get an idea of art	10
10.	Prospects for self-employment by selling the art pieces in an exhibition	10

Teaching-Learning Methodology	Workshops, Portfolio Making, Hands on Experience, Demonstrations, Blended Learning, DIY activities, Field trips.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Experience hand-on experience of different types of art form.
2.	Appreciate and use art in day today life.
3.	Expand knowledge and equip skills and emerge as self-employed freelancers.

Suggested References:	
Sr. No.	References
1.	Faulkner, R. and Faulkne,r S. (1986). <i>Inside Today's Home</i> . New York: Rinehart.
2.	Kasu, A.A. (2005). <i>Interior Design</i> . Delhi: Ashish Book Centre.





Bachelor of Science-Home Science
(B.Sc.-H. Sc.) (Home Science) Semester (III)

Course Code	UH03EHSC51	Title of the Course	Practical-Effective Speaking and Writing
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Give an overview of the different skills of communication2. Generate awareness regarding the importance of writing skills3. Familiarise students with the importance of listening skills4. Sensitize students with the presentation skills
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Course Content		
Unit	Description	Weightage* (%)
1.	Basics of Effective Speaking Class introduction (Individual)	05
2.	VERBAL COMMUNICATION (WRITTEN) Elements of Effective Writing -The Sentence, Phrases and Clauses, Types of Sentences, Importance of Bullets, Highlighters, Subheading and Punctuations.	15
3.	(a) Writing skills-Picture description and completion of a story (b) Writing skills-paragraph writing (c) Report writing, Notice writing, note making,	15
4.	VERBAL COMMUNICATION (ORAL-AURAL) Listening Skills-Purpose of Listening, listening to conversation (Formal and Informal), Benefits of Effective Listening, Barriers to Listening, Traits of a good listener Listening skills Listening to Announcements- (a) (railway/ bus stations/ airport /sports announcement/ commentaries) (b) Academic Listening (Listening to Lectures) (c) Listening to Talks (d) Note Taking Tips	15
5.	(a) Non-Verbal Communication Personal Appearance, Gestures, Postures, Facial Expression, Eye Contact, Body Language (Kinesics), Time language, Silence, Tips for Improving Non-Verbal Communication, (b) Ways and Approaches of Addressing Public Overcoming Stage Fear, Up-beat Body Language, Audience Analysis,	15





	Analysing Impact and Influence of Speech on Audience, Taking Appropriate Pauses, Verbal and Visual Support i. Story telling ii. Impromptu	
6.	Practising Reading skills	10
7.	Telephonic conversation	10
8	(a) Awareness about Latest Multimedia Tools and its Applications, Etiquettes and Mannerism i. Presentation skills ii. Email writing	15

Teaching-Learning Methodology	Writing Assignments, Impromptu Exercises, Listening to Audio Tapes, Video Clips, Use of ICT Materials, Experiential Learning, Demonstration, Worksheets
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Write different types of letters
2.	Demonstrate the speaking skills by story telling, impromptu speeches
3.	Understand the nuances of presentation skills
4.	Understand the importance of listening skills





On-line resources to be used if available as reference material

On-line Resources

[Bookboon Premium](#)

<https://www.tcd.ie/>





Bachelor of Science-Home Science
(B.Sc.-H. Sc.) (Home Science) Semester (III)

Course Code	UH03EHSC52	Title of the Course	Practical - Health and Herbs
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Help students learn about our Herbal Wealth in nature.2. Familiarize the students about Herbs and their prophylactic uses.3. Teach the students about the alternative Herbal remedies and treatment of common diseases.
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Course Content		
Unit	Description	Weightage* (%)
1.	History of Herbs and indigenous system of medicines Use of Herbs for Optimal Health.	10
2	Factors influencing cultivation of medicinal plants Cultivating medicinal plants in the garden	10
3	Factors influencing cultivation of kitchen herbs Cultivating kitchen herbs in the garden	10
4	Identification and Morphological characters of selected medicinal plants. (a) Creepers - Asparagus (Satavari), Tinospora Cordifolia(Gado) (b) Trees - arjun, amla, neem, saragva, jambu, bel (c) Herbs - tulsi, mint, arduci, asvagandha, lemon grass, kuvaar pathu	10
5	Collection of local medicinal herbs and making herbarium. Discussing the benefits of each herb and medicinal plant in detail	10
6	Curative and prophylactic preparation for digestive disorders. Preparation of household natural health drinks	10





7	Curative and prophylactic preparation for skin diseases.	10
8.	Herbal remedies for common diseases- (Prophylactic and curatives) (a) Respiratory infections (b) Urinary disorders (c) Diabetes (d) Cardiac care	10
9.	Herbal mouth fresheners.	10
10.	Herbal first aid	10

Teaching-Learning Methodology	Class Discussions/ Demonstrations, Power point presentations, Class activities/ assignments, group discussions, video clips, chalk and board, on field practicals
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of practical performance, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Identify the herbs
2.	Identify the medicinal plants
3.	Know the benefits of herbs and medicinal plants

Suggested References:





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2022-2023

Sr. No.	References
1.	Goraya GS and B.S. Somashakher , <i>Medicinal Plants for Primary Health Care</i>
2.	<i>Glussary of Indian Medicinal Plants</i> , (1956),CSIR.
3.	Balkrishna A., <i>Ayurved Jadi/Buti Rahasya</i> , Divya Prakashan





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Home Science) Semester (III)

Course Code	UH03EHSC53	Title of the Course	Practical-Landscaping and Gardening
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Develop skills of landscape planning.2. Give them opportunity to utilize available land efficiently.3. Gain insight into various decorative features of garden.4. Understand effect of light and colour in the garden.
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Course Content		
Unit	Description	Weightage* (%)
1.	Overview of the factors affecting landscape planning.	10
2.	Draw and learn blueprint symbols used in landscaping. .	10
3.	Learn the basic principles of garden planning.	10
4.	Evaluation of principles in the given garden.	10
5.	Collection of pictures of round plants, hedges, shrubs with their names and characteristics.	10
6.	Prepare a catalogue of indoor plants: Air Purifying and Decorative	10
7.	Prepare and maintain a pot / terrarium /small landscape	10
8.	Evaluation of different garden features in any institutional / community / private garden: Rock, water, light, colour, sound.	10
9.	Making plan for division of exterior space	10
10.	Visit to a nearby Nursery.	10

Teaching-Learning Methodology	Brainstorming, Class Projects, Classroom Discussion, Field Visit, Group Projects, Hands-on activities.
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Evaluation Pattern		
Sr.	Details of the Evaluation	Weightage





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2022-2023

No.		
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to

1.	Evolve the competency in efficient use of exterior space.
2.	Appraise the light and colour in the landscaping and gardening.
3.	Develop the skill in application of various features in the garden.
4.	Seize the opportunity to work as a landscape planner.

Suggested References:

Sr. No.	References
1.	Michael Wright, <i>The Complete Book of Gardening</i> , London: Published by Ebury Press.
2.	S. Percy. Lancaster (1977), <i>Gardening in India</i> , London: Published by Oxford and IBH Publishing Co. Pvt. Ltd.
3.	Trivedi P.P (1983), <i>Home Gardening</i> , New Delhi: Published by ICAR.





Bachelor of Science -Home Science
(B.Sc. - H. Sc.) (Home Science) Semester (III)

Course Code	UH03EHSC54	Title of the Course	Practical - Yoga and Meditation
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Understand and Practice Yoga and Meditation in their Day-to-Day Life.2. Inculcate required skills and Training in Yoga for its effectiveness in promotion of Health.3. Give them a basic understanding of Yoga, its types, nature, scope and its relevance with today's lifestyle.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to yoga (a) History & Meaning (b) Importance & Relevance (c) Things to keep in mind before doing asanas	15%
2.	Yoga Asanas (a) Standing Asanas Tadasana, Vrikshasana, Suryanamaskar, Padhastana, Natrajasana (b) Sitting Asanas Sukhasana, Vajrasana, Shashakasana, Vakrasana, Ushtrasana (c) Lying (front) Asanas Pavanmuktasana, Uttanpadasana, Halasana, Pad Chakrasana, Shavasana (d) Lying (Back) Asanas Makarasana, Sarpasana, Bhujangasana, Salbhasana, Dhanurasana	40%
3.	Breathing & Meditation (a) Anulom - Vilom Pranayama (b) Sheetal Pranayama (c) Bhramari Pranayama (d) Omkar & Meditation (e) Kapalbhata	30%





4.	Exercises for Relaxation and Flexibility (a) Flexibility Exercises (b) Breathing Exercises Before or After Sleep (c) Stress Buster Exercises for Relaxation	15%
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Teaching- Learning Methodology	Assignment Method, Classroom Discussion, Demonstration
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Promote Physical and Emotional wellbeing through regular Asanas.
2.	Promote economic and cultural development through yogic Exercise.
3.	Socially and morally empower by Meditation.

Suggested References:	
Sr. No.	References
1.	Shivendra C.S. & Krishan, P. <i>Health Education & Physical Education</i> . New Delhi: Subject Publications Ltd.
2.	Kuvalyanand, S. (1993). <i>Asanas</i> . Lonavala: Kaivlyadhm.
3.	Kuvalyanand, S. (1983). <i>Pranayam</i> . Lonavala: Kaivlyadham.





4.	Sarin, N. (1995). <i>YogaShiksha Avem Dvara Rog Nivaran</i> . Delhi: Khel Sahitya Kendra.
5.	Aayenger, B. K. <i>Yoga Deepika</i> . Mumbai : Orient Longman Pvt. Ltd.

On-line resources to be used if available as reference material
On-line Resources
Physical Education – Wikipedia
Physical fitness- Wikipedia



SARDAR PATEL UNIVERSITY, VALLABH VIDYANAGAR
B.Sc. Home Science
(Under Choice Based Credit Scheme) (Effect from June, 2022-23)
Semester - FOURTH (FAMILY RESOURCE MANAGEMENT)

Sr. No.	Course Type	Course Code	Name of Course	Theory (T) Practical (P)	Credit	Contact hrs/ week	Exam Duration in hrs	Marks		
								Int.	Ext.	Total
1	Ability Enhancement Course	UH04AHSC51	Entrepreneurship Management	T	2	2	2	15	35	50
2	Core Courses	UH04CFRM51	Planning and Designing Life Spaces	T	4	4	3	30	70	100
3		UH04CFRM52	Planning and Designing Life Spaces	P	2	4	2	30	70	100
4		UH04CFRM53	Front Office Management	T	4	4	3	30	70	100
5		UH04CFRM54	Colour and Lighting	T	2	2	2	15	35	50
6		UH04CFRM55	Household Equipment	T	4	4	3	30	70	100
7		UH04CFRM56	Household Equipment	P	2	4	2	30	70	100
8	Skill Enhancement Course	UH04SFRM51	Computer Application in FRM - I	P	2	4	2	30	70	100
9	Elective Courses (Any One)	UH04EHSC51	Event Management	T	2	2	2	15	35	50
10		UH04EHSC52	Counseling Techniques	T	2	2	2	15	35	50
11		UH04EHSC53	Fashion Basics	T	2	2	2	15	35	50
12		UH04EHSC54	Geriatric Nutrition	T	2	2	2	15	35	50
			Total		24	30		225	525	750



Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Home Science) Semester (IV)

Course Code	UH04AHSC51	Title of the Course	Entrepreneurship Management
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Initiate entrepreneurial motive and impart skills and capabilities for entrepreneurship.2. Ignite aspirations to become entrepreneurs and successful managers.3. Analyse the environment related to small-scale industry and business.4. Understand the process and procedures of setting up small enterprises.
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Course Content		
Unit	Description	Weightage* (%)
1.	Entrepreneurship (a) Conceptual: Meaning and definition of entrepreneurship (b) Entrepreneur: Meaning, qualities, functions and types of Entrepreneur. (c) Characteristics and barriers in entrepreneurship. (d) Enterprise: Definition, nature and classification (e) Forms of Organization – Sole proprietorship, partnership, Joint Stock Company (f) Role of entrepreneur in economic development.	30
2.	Finance and Sources for small scale industries (a) Accounting for enterprise: Meaning, need and objectives of accounting, Process of Accounting, Bookkeeping, Journal, Ledger: Balance Sheet, Final Accounts; Fixed capital & working capital; Auditing- Nature and types (b) Institutional support/ Sources: Commercial banks- Central level; State level.	30
3.	Problems of small sector: Management problems, marketing problems, sick units; Causes and remedies.	10
4.	Project formulation	30





	(a) Small scale enterprise: Definitions, types, characteristics. (b) Steps for starting a small industry. (c) Guidelines for preparing a project report. (d) Steps in Project formulation (e) Procedures and formalities (plant location, land, building, water and power. (f) Project appraisal: Market feasibility, technical feasibility, financial and economic feasibility	
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Teaching-Learning Methodology	PowerPoint presentation. Lectures, discussion, industrial visit, ICT enabled teaching, project work.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the concept of entrepreneurship, entrepreneur and enterprise
1.	The procedure to start a Small-Scale Industry.
2.	Foresee the type of risk factors of Small-Scale Industry.
3.	Identify ways to approach supportive Institutions and Banks for starting an enterprise.
4.	Focus on the formation of project proposal and practice effective accounting processes
3.	To develop business skills.

Suggested References:





Sr. No.	References
1.	Dr. Rao, M., Biswas, M. (2019). <i>Entrepreneurship Development and Management</i> . Delhi: Anvi Books and Publishers.
2.	Desai, V. (2011). <i>Dynamics of Entrepreneurial development</i> . Mumbai: Himalaya Publishing House.
3.	Gupta, C.B. & Srinivasan, N.P. (2000). <i>Entrepreneurship Development in India</i> . New Delhi: Sultan Chand & Sons.
4.	Khanna, S.S. (2003). <i>Entrepreneurship Development</i> . New Delhi: S. Chand and Co Ltd.

On-line resources to be used if available as reference material

On-line Resources

<https://socialinnovationacademy.org/>

<https://news.gcase.org/2011/10/24/what-is-entrepreneurial-management>

<https://en.wikipedia.org/wiki/Entrepreneurship>





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM51	Title of the Course	Planning and Designing Life Spaces
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To gain knowledge of planning principles for designing residential spaces.2. To acquaint them with factors affecting choice of housing.3. To develop ability of understanding various interior and exterior plans.4. To inculcate the skill in the students to plan beautiful and harmonious exteriors.
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Course Content		
Unit	Description	Weightage* (%)
1.	Importance of space in residential buildings (a) Functions of house (b) Classification of residential buildings (c) Factors influencing selection of housing: Family needs, Income Space requirement for various activities, Housing values Availability of housing	20
2.	Housing Decisions (a) Renting and owning a house (b) Buying a new house (c) Buying existing house (d) Building a house: House Planning, Selection of site (e) Building byelaws (f) Types of plans	25
3.	Principles of space planning (a) Basic principles of interior space planning: Aspect, Prospect, Privacy, Grouping, Roominess, Furniture requirements, Sanitation, Flexibility, Circulation (b) Basic principles in exterior space planning: Line, Form, Texture, Colour, Variety, Repetition, Balance, Emphasis, Fragrance, Character, Harmony.	25





4.	Exterior space design elements: Water, Rocks, Roads and Pathways, Arches and Bridges, Lawns, Plant containers and stands, Outdoor Garden Rooms, Outdoor Furniture, Light and Sound Effects, Children's playground, Greenhouse and Glasshouse	20
5.	Housing finance schemes : a) Government b) Semi government c) Private	10

Teaching-Learning Methodology	Power point presentations, Assignments, Quiz, Participatory lectures, Discussions, lectures, tutorials, library use and e-learning through videos of various building plans and field-based learning
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Clearly classify types of building and confidently take various decisions related to housing.
2.	Practicing knowledge gained on selection of site and building principles in real life situations
3.	Apply the principles of interior and exterior space design while making or evaluating the house plans.
4.	Demonstrate knowledge of space designing and its principles





Suggested References:	
Sr. No.	References
1.	Deshpande, R.S.(1997). <i>Build your own Homes</i> . Poona: United Book Corporation.
2.	Deshpande, R.S.(1978), <i>Modern ideal homes for Indians</i> . Poona: United Book Corp.
3.	Bindra, S.P. and Arora, S.P. (2003). <i>Building Construction</i> . New Delhi: Ganpatrai Publication.
4.	Agan, M.S.(1970). <i>The house its plan and use</i> . New Delhi: Oxford & IBH pub.co.
5.	Deshpande, R.S.(2000). <i>House of Middle Class Family</i> . Anand: Charotar Pub House.
6.	Sherwood, R. F. (1972). <i>Homes today and tomorrow</i> . Peoria: Populux Books.
7.	Lancaster, S. P. (1977). <i>Gardening in India</i> . Published by Oxford and IBH Publishing Co. Pvt. Ltd.
8.	Trivedi, P.P. (1983). <i>Home Gardening</i> . New Delhi: Published by ICAR.
9.	Bhattacharjee, S.K. (2004) <i>Landscape Gardening and Design With Plants</i> . Jaipur: Aavishkar Publishers, Distributors





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM52	Title of the Course	Practical - Planning And Designing Life Spaces
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To gain knowledge of planning principles for designing residential spaces.2. To acquaint them with factors affecting choice of housing.3. To develop ability of understanding various interior and exterior plans.4. To inculcate the skill in the students to plan beautiful and harmonious exteriors.
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Course Content		
Unit	Description	Weightage* (%)
1.	Draw sun diagram and find out the direction of various rooms as per the diagram	10
2.	Draw architectural blue print symbols used in house plans for interior and exterior space design.	10
3.	Understanding architecture scales for making house plans and Make a floor plan of one room kitchen	20
4.	Drawing floor plans of houses for different income groups.	20
5.	Plan and draw furniture requirements of various rooms in a residence	10
6.	Collection of various pictures of space design and their evaluation according to the principles of planning	10
7.	Visit to nursery to get the knowledge about various plants, flowers, shrubs and hedges to be used for exterior space.	10
8.	Drawing landscape plans of houses for different income groups.	20

Teaching-Learning	Power point presentations, Videos, Field visits, Assignments, Quiz, Participatory lectures, Discussions and display of various building plans,
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Methodology	tutorials, library use and e-learning through videos of various building plans coupled with market survey
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand space design organization for optimum comfort and functionalism.
2.	Apply the principles of interior and exterior space design while making or evaluating the house plans
3.	Draft house plans based on standard guidelines and principles

Suggested References:	
Sr. No.	References
1.	Lancaster, S. P. (1977). <i>Gardening in India</i> . Published by Oxford and IBH Publishing Co. Pvt. Ltd.
2.	Deshpande, R.S.(2000). <i>House of Middle Class Family</i> . Anand: Charotar Pub House.
3.	Deshpande, R.S.(1978). <i>Modern ideal homes for Indians</i> . Poona: United Book Corp.





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM53	Title of the Course	Front Office Management
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To comprehend the role of front office in hotels.2. To understand the organizational procedure of the front office.3. To acquaint with the qualities of front office personnel.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction (a) Importance of the hospitality industry and its relationship to tourism. (b) Major departments in a hotel (c) Types of rooms, food plans (d) Hotel tariff	20
2.	Hotel Guests (a) Types of hotel guest (b) Guest and their needs (c) The guest cycle (d) Interaction between guest and front office personnel	20
3.	Front Office Operation and Organization (a) Front Office Operation: Basic terminology used in front office, Duties of front office personnel, Qualities and attributes of front office personnel, Co-Ordination between front office and other departments. (b) Front office organization: Layout of a front office, Planning equipment and furniture for front office, Organizational structure of a front office.	25
4.	Reservation and Reception (a) Reservation: Sources of Hotel Booking, Modes of Room Reservation, Recording Room Reservation-Charts, Records,	25





	Diaries, Forms, Etc. Filing System, Advance Booking. (b) Reception: Expected arrival and departure list, Contractual terms between hotel and guest, VIP procedure, Functions of all room rack and mail rack, Change of guest room, Key handling and control, Room status report and occupancy percentage, Preparing room report, Night clerk's report.	
5.	Information: About the Hotel and The City, Postal Regulations, Travel Agents, Package Tours, Transportation, Shopping Centre, Monuments, Local festivals in India, Rules and Regulations regarding foreign currency.	10

Teaching-Learning Methodology	Lecture, PowerPoint Presentation, Group Discussion, Role Play, Field Visit, Individual / group project and presentation.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Acquire interpersonal and effective communication skills.
2.	Develop self-confidence that would help in dealing with guests.
3.	Manage front office professionally.





Suggested References:

Sr. No.	References
1.	Andrews, S. (2000). <i>Hotel Front Office Training Manual</i> . New Delhi: Tata Mc Graw Hill Publications.
2.	Andrews, S. (2000). <i>Hotel Front Office</i> . New Delhi: Tata Mc Graw Hill Publications.

On-line resources to be used if available as reference material

On-line Resources

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>

P-04. Front Office and Housekeeping (M- 1to 12)





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM54	Title of the Course	Colour and Lighting
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Understand the components of colour and lighting.2. To acquire the skills in using colour and light in practical contexts.3. To acquaint with the recent trends in colour and lighting.
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Course Content		
Unit	Description	Weightage* (%)
1.	Importance of Colour and Lighting (a) Sources of Colour (b) Sources of Light: Natural and Artificial Lighting (c) Benefits of effective lighting in the house (d) Colour as an element in Interior Designing.	25
2.	Colour in Interiors (a) Attributes of Colour: Hue, Value and Intensity (b) Colour Theory: Prang and Munsell Colour Theory (c) Colour Schemes (d) Effects of Colour on Body and Mind	25
3.	Lighting in Interiors (a) Types of Lighting: General Lighting, Task Lighting, Accent Lighting (b) Methods of Artificial Lighting: Direct, Indirect, Semi Direct, Semi Indirect, Diffused, Cove, Panel, Spot Lighting, Concealed Lighting (c) Lighting Accessories: Switches, Sockets, Fuse, Outlets, Lamp Holders, Lamps and Shades. (d) Factors affecting colour and lighting in interiors	30
4.	Recent Trends in Usage of Colour and Lighting in Interiors (a) Modern feature in lighting design and fixtures: Home and commercial space	20





	(b) Contemporary colour trends (c) Latest materials and methods in lighting and colour	
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Teaching-Learning Methodology	Lecture, Power Point Presentations, Projects, Class Presentations Exhibits and displays, Guest speakers, Video creation.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Analyse the impact of lighting and colour in interiors.
2.	Acquire the skill in the use of accurate colour and style of light.
3.	Learn modern trends in lighting accessories.

Suggested References:	
Sr. No.	References
1.	Hopkinson, R.G.& Kay, J.D.(1972). <i>The Lighting of Buildings</i> . London: Faber and Faber, 3 Queen Square.
2.	Bhatt, P., (2018). <i>Foundation of Art and Design</i> . Nasik: Mr. Sharad Dalal Square Arts.
3.	Varghese, M.A. Ogale, N.N. and Srinivasan, K. (2020). <i>Home Management</i> . New Delhi: New Age International Ltd.
4.	Morton, W. (1995). <i>The Power of Color</i> . New Delhi: Pub: B. Jain Publishers Ltd.





5.	Kasu, A. A. (2005). <i>Interior Design</i> . Delhi: Ashish Book Centre.
6.	Premavathy, S. & Pannu, P. (2017). <i>Interior Design and Decoration</i> . New Delhi: CBS Publishers and Distributors Pvt. Ltd. India.

On-line resources to be used if available as reference material

On-line Resources

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=827>

P 02. Decorating the Interiors (Module – 10, 11, 12, 13, 14,15)





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM55	Title of the Course	Household Equipment
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To acquire knowledge about the principles underlying the operation, use, care and storage of electrical and non-electrical household equipment.2. To identify various materials, finishes, construction and manufacturing process of household equipment.3. To augment understanding of basic terms and concepts about electricity.4. Imbibe the principles underlying selection of equipment5. To familiarize them with the process of standardization and its importance.
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Course Content		
Unit	Description	Weightage* (%)
1.	<p>Introduction to Household Equipment</p> <p>(a) Importance and classification of Household Equipment: Portable/ non portable, electrical/ non electrical, motor driven/ hand operated, equipment related to preparation, cooking, cleaning, servicing.</p> <p>(b) Factors affecting selection of major appliances.</p> <p>(c) General precautions while using electrical appliances.</p> <p>(d) Different types of motors, Thermostatic controls.</p>	20
2.	<p>Basics of Kitchen Cookware and Essentials (Non-electrical equipment): Surface cookery; Oven cookery & Kitchen tools</p> <p>(a) Categorize</p> <p>(b) Base materials: aluminium, iron, stainless steel, copper, brass, glass and plastic.</p> <p>(c) Finishes: Mechanical and applied</p> <p>(d) Insulating materials: Fibre, glass, mica, mineral wool, rock wool etc.</p>	20





3.	<p>Electrical Equipment: Scientific Principle, Construction, Cleaning and Care:</p> <p>(a) Equipment related to food preparation: mixer, Juicer, food processor and flour mill.</p> <p>(b) Cooking Equipment, Sandwich maker, toaster, microwave & OTG, ice-cream maker, rice cooker, coffee maker, Air fryer, induction cook top etc.</p> <p>(c) Storing equipment: Refrigerator</p>	30
4.	<p>Scientific Principle, Construction, Cleaning and Care:</p> <p>(a) Cleaning equipment: Vacuum cleaner, Dish washer & electric chimney.</p> <p>(b) Laundry equipment: Washing machine, Iron</p> <p>(c) Handling minor problems and repairs</p>	15
5.	<p>Standardization:</p> <p>Need and importance; Process of standardization; Consumer's role in purchase of equipment. (Purchase of efficient, safe and quality appliances, guarantee and warranty, trends in availability of equipment in the market)</p>	15

Teaching-Learning Methodology	Power Point Presentations, YouTube videos, Lectures, discussion, Market Survey, ICT enabled teaching, project work and Assignments.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Identify the materials and finishes used in the household equipment.
2.	Apply knowledge of the basic concepts of electricity and the scientific principle of the





	equipment.
3.	Select, use, operate and maintain major electrical and non – electrical equipment.
4.	Practise wise consumerism.

Suggested References:

Sr. No.	References
1.	Jaiswal, N., Patel, S., Gandotra, V. (2017). <i>Household Equipment for Homemakers</i> . New Delhi: Q-2A Hauz Khas Enclave.
2.	Peet, Picket and Arnold. (1963) <i>Household Equipment Guide</i> . IOWA: The IOWA State University Press.
3.	Kaur, D.J. (1976). <i>Improving the Household Equipment</i> . Punjab: Communication Centre, Punjab Agricultural University.
4.	Acharya, M. (1995). <i>ગૃહ ઉપકરણોની યોગ્યતા</i> . Vallabh Vidyanagar: Deep Prakashan.

On-line resources to be used if available as reference material

On-line Resources

<https://in.pinterest.com/hotkart/electronics-items>

<https://smarterhouse.org/appliances-energy/home-electronics>

<https://www.iloencyclopaedia.org/contents/part-xiii-12343/electrical-appliances-and-equipment>





Bachelor of Science - Home Science
(B.Sc.- H. Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04CFRM56	Title of the Course	Practical - Household Equipment
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. Gain knowledge of the basic concepts of electricity and the scientific principle of the equipment practically.2. To have the first-hand experience in handling electrical equipment scientifically.
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Course Content		
Unit	Description	Weightage* (%)
1.	Classification of equipment & Market survey.	05
2.	Identify materials, finishes, and joints used in non-electrical equipment.	10
3.	Demonstration and use of equipment related to food preparation – mixer, juicer, food processor, chopper.	20
4.	Demonstration and use of cooking equipment: Sandwich maker, toaster, rice cooker, coffee maker, Air fryer, etc.	20
5.	Demonstration and use of- microwave oven, OTG oven, induction cooktop	10
6.	Demonstration and use of- ice-cream maker, Refrigerator, flour mill.	10
7.	Demonstration and use of Laundry and cleaning equipment: Washing machine, Iron, Vacuum cleaner	10
8.	Field visits to the electrical equipment repairing centres to observe different types of wires and their uses and repairing.	10
9.	Handling minor problems and repairs	05

Teaching-Learning Methodology	Demonstrations, Using equipment practically, Market survey to observe the recent trends in equipment, Field visits
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Identify the materials and finishes used in the household equipment available in the lab.
2.	Identify various methods of forming utensils and fixing their handles
3.	Learn correct use of equipment and their minor repairs.
4.	Well equipped to handle the household equipment at home and as a sales manager.

Suggested References:	
Sr. No.	References
1.	Peet and Picket (1963). <i>Young homemaker's Equipment Guide</i> . IOWA: The IOWA State University Press.
2.	Peet, Picket and Arnold. <i>Household Equipment Guide</i> . IOWA: The IOWA State University Press.
3.	Kaur, D.J. (1976). <i>Improving the Household Equipment</i> . Punjab: Communication Centre, Punjab Agricultural University.
4.	Acharya, M.(1995). <i>ગૃહ ઉપકરણોની ઓળખાણ</i> . Vallabh Vidyanagar: Deep prakashan.





On-line resources to be used if available as reference material

On-line Resources

<https://in.pinterest.com/hotkart/electronics-items/>

<https://smarterhouse.org/appliances-energy/home-electronics>

<https://www.iloencyclopaedia.org/contents/part-xiii-12343/electrical-appliances-and-equipment>





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Family Resource Management) Semester (IV)

Course Code	UH04SFRM51	Title of the Course	Practical - Computer Application in FRM - I
Total Credits of the Course	02	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none">1. To understand the basics of Computer Aided Designing2. Learn the use of drawing commands and tools needed in computerized designing.3. Develop skills to use AutoCAD to construct 2-Dimensional drawings used in interiors.
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Course Content		
Unit	Description	Weightage* (%)
1.	Fundamentals Concepts in Designing Interiors on Computer (a) Introduction to Auto CAD (b) Auto CAD graphic WINDOW (c) Using commands (d) Use of Shortcut Methods in Drawing (e) Short cut keys (F1 to F9)	10
2.	Drawing tools: Linear and Angular units: Line, Ray, Construction line, Multi line, Revision Cloud, Polyline, 3 D Polyline, Rectangular Arc, Polygon, Circle, Donut, Spline, Ellipse, Point	10
3.	Modify tools: Erase copy, Mirror, Offset, Array, Move, Rotate, Scale, Stretch, Lengthen, Trim, Extend, Break, Join, Chamfer, Fillet and Explode.	05
3.	Drawing Size: The Grid, drawing Limits, drawing with Grid and Snap.	05
4.	Layers: Setting up a new layer, assigning a colour to a layer, making a layer current, making layers visible or invisible, line types, loading a line type, line types by layer and object, moving object to different layers.	05
5.	Blocks: Meaning, Blocks and Layers, making of a Block, inserting a Block, using Block in drawing.	05
6.	Hatching: Opening of a boundary hatch and fill dialogue box: selecting a hatch pattern, hatch pattern palette, hatching and drawing, modify the hatch pattern, final application of hatch.	05
7.	Use of Gradient: Choosing single color option and double color option, application of the selected option.	05





8.	Text: Using Single and Multi-line Text and Editing Text Dimension: Styles, Tool bars, Linear, Aligned, Radius and diameter, Continue, Baseline, Angular dimensioning and Editing dimensioning.	05
9.	Drawing floor plan with the use of layers, hatching with dimensions	15
10.	Drawing different furniture, make a block and insert in the floor plan.	10
11	Import files, save and print	05
12.	Project- Drawing floor plan with furniture and colour scheme.	15

Teaching-Learning Methodology	Demonstrations using Software, Workshop, Expert Lectures, Practical guidance, Power point presentations
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the functioning of the drawing commands and modified commands in Auto Cad Software for the computerized drawing in designing Interiors.
2.	Appreciate basic application of the AutoCAD software
3.	Apply basic commands necessary for professional 2D drawing, design, and draughting using AutoCAD.
4..	Develop confidence in drafting computerized drawings related to Interior objects, furniture and Interior plans.

Suggested References:





Sr. No.	References
1.	Hamad, M. (2018). <i>AutoCAD 2019 Begining and Intermediate</i> . U.S.: Stylaw Publishing LLC.
2.	Gindis, E. J. Kaebisch, R.C. (2017). <i>Up and Running with Auto CAD 2018 : 2D Drafting and Design</i> . Cambridge: Academic Press.

On-line resources to be used if available as reference material

On-line Resources

https://www.youtube.com/watch?v=2c5mLCPeMh8&ab_channel=CADCAMTutorials

<https://images-na.ssl-images-amazon.com/images/I/C1BxaOC0-IS.pdf>

<https://www.thesourcecad.com/autocad-tutorials/>





Bachelor of Science - Home Science
(B.Sc.- H. Sc) (Home Science) Semester (IV)

Course Code	UH04EHSC51	Title of the Course	Event Management
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Make them understand the event planning process.2. Inculcate the management skills required for managing an event effectively.3. Find out the resources required in the staging of events.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to Event Planning (a) Concept (b) Role of an event planner: Tasks and Skills (c) Types of Events: Corporate Events, Leisure Events, Sport Events, Private Events	25
2.	Event Planning Process (a) Establishing a theme (b) Settling objectives (c) Determining the venue feasibility (d) Preparing an event management plan (e) Key steps in event marketing	25
3.	Event Budget (a) Preparing a budget (b) Monitoring the budget (c) Budget review	25
4.	Detail planning of a specific event: corporate/ leisure/private	25

Teaching-Learning Methodology	Power point presentations, Videos, Field visits, Assignments, Participatory lectures, Discussions and display of various themes, lectures, tutorials, library use and e-learning through videos coupled with market survey, field-based learning
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Appraise the role of a successful event planner.
2.	Execute a successful event in-line with the needs and requirements of the client.

Suggested References:	
Sr. No.	References
1.	Conway, D.G. (2009). <i>The Event Manager's Bible: The Complete Guide to Planning and Organising a Voluntary or Public Event</i> . New Delhi: Viva Books.
2.	Kilkenny, S. (2006). <i>The complete guide to successful event planning</i> . New Delhi: Atlantic Publishing Company.
3.	Alex, G. (2015). <i>Event Planning: Management and Marketing for Successful Events</i> . New Delhi: Create space Independent Publication.
4.	Sharma, S. (2011). <i>Event Planning and Management</i> . Jaipur: Aadi Publications.
5.	Patel, S.& Saini, A.(2019). <i>Event Management by Homemakers</i> . New Delhi. Authorpress Publication





Bachelor of Science - Home Science
(B.Sc.- H.Sc.) (Home Science) Semester (IV)

Course Code	UH04EHSC52	Title of the Course	Counselling Techniques
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Sensitize the students towards the need and value of counselling.2. Understand the counselling process and its needs.
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Course Content		
Unit	Description	Weightage* (%)
1.	Concept of counselling : (a) Meaning (b) Definition (c) Characteristic of Counsellor (d) Elements of counselling (e) Principles of counselling (f) Need of counselling	25
2.	Goals of counseling : (a) Characteristics of an effective counsellor (b) Values in counselling	25
3.	The counselling process : (a) Techniques of counselling (b) Personal problems & Counselling (c) Counselling for school children	25
4.	Approaches to counselling : (a) Development counselling (b) Reality therapy (c) Rational emotive counselling	25

Teaching-Learning Methodology	Lecture method, Group discussions Method, Power Point Presentation , Audio Visual methods, Assignment, Quiz
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand importance of counselling in reducing the problems of an individual.
2.	Know about counselling techniques.

Suggested References:	
Sr. No.	References
1.	Sharma R.A. (2010). <i>Fundamentals of Guidance and Counseling</i> , Meerut (U.E) : R. Lall Book Depot, Near Govt, Inter College.
2.	Singh K. (2010). <i>Counseling Skills for Managers</i> , New Delhi: PHI Learning Pvt. Ltd.
3.	Chatarvedi R. (2007). <i>Guidance and Counseling Skills</i> , New Delhi: Crescent, Publishing Corporation.
4.	Mary S. & Vishala SND. (2008). <i>Guidance & Counseling</i> , S. New Delhi: Chand & Company Ltd. Ram Nagar.





Bachelor of Science – Home Science
(B.Sc.-H.Sc.) (Home Science) Semester (IV)

Course Code	UH04EHSC53	Title of the Course	Fashion Basics
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	<ol style="list-style-type: none">1. Enable students with concepts of fashion and fashion world.2. Develop an understanding of the factors affecting fashion and fashion cycle.
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Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to fashion (a) Meaning (b) Terminologies (c) Areas of fashion design	20
2.	History and life cycle of fashion: (a) History of fashion design (b) Fashion life cycle	20
3.	Factors affecting fashion (a) Accelerating fashion (b) Receding fashion (c) Fashion tourism	30
4.	Theories of fashion change (a) Trickle down theories (b) Trickle up theories (c) Trickle across theories	30

Teaching-Learning Methodology	Lecture, Power Point Presentations, Short Films, Field Visits, Projects, Group Discussion.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Acquaint with the terms and areas of fashion.
2.	Understand the cycle of fashion.
3.	Appraise the influences of fashion world.

Suggested References:	
Sr. No.	References
1.	Patrick, J. (1976). <i>Introduction to Fashion Design</i> , Ireland: B.T. Bradford.
2.	Patrick, J. (1975). <i>Basic Fashion Design</i> , Ireland: B.T. Bradford.
3.	Sumathi, G.J. (2002). <i>Elements of Fashion Design and Apparel Design</i> , New Delhi: New Age International Publishers.
4.	Alexander, R.R. (1977). <i>Textile Products, Selection, Use & Care</i> , Boston: Houghton Mifflin Co.
5.	Pandit, S. & Elizabeth, T. (1972). <i>Grooming Selection & Care</i> , Baroda: Unity Printers.





Bachelor of Science-Home Science
(B.Sc.-H. Sc.) (Home Science) Semester (IV)

Course Code	UH04EHSC54	Title of the Course	Geriatric Nutrition
Total Credits of the Course	02	Hours per Week	02

Course Objectives:	1. Know the concepts of gerontology and problems related to old age. 2. Know principles of geriatric nutrition.
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Course Content		
Unit	Description	Weightage* (%)
1.	(a) Definition of ageing, senescence, gerontology, geriatrics, and Geriatric nutrition (b) Classification of old population	25
2.	Physiological and Biochemical changes during old age and major nutritional and health problems during old age.	25
3.	Assessment of nutritional status of older adults – Height, Weight, BMI, Demispan formula Demiquet and Mindex formula, Skiding board blade caliper to measure knee ht	25
4.	Nutritional requirement and dietary guidelines for elderly	25

Teaching-Learning Methodology	Classroom teaching for theory periods, Lectures and Power-point presentations will be the main method of transaction, Special lectures/ visits/ interactions with professionals will be undertaken, Classroom quiz sessions for revision, Any other method may be added, as per university norms and discretion of the teaching faculty.
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%





3.	University Examination	70%
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Course Outcomes: Having completed this course, the learner will be able to

1.	Comprehend the mental and physical health problems.
2.	Assess nutritional status and apply the knowledge to practical purpose as in planning diets and taking general care.

Suggested References:

Sr. No.	References
1.	Begum, R. M. (2008). <i>A Textbook of Foods, Nutrition & Dietetics</i> . New Delhi: Sterling Publishers Pvt. Ltd.
2.	Antia, F. P. (1973). <i>Clinical Dietetics and Nutrition</i> . London WI: Oxford University Press, Ely House, 37 Dover Street.
3.	Srilakshmi, B. (2007). <i>Dietetics</i> . New Delhi: New Age International.
4.	Mudambi, S. R. (2007). <i>Fundamentals of foods, Nutrition and Diet Therapy</i> . New Delhi: New Age International

