

KRANTI GURU SHYAMJI KRISHNA VERMA
KACHCHH UNIVERSITY
BHUJ



NEP 2020 CREDIT STRUCTURE
FOR
B. A. (U.G.)
JUNE: 2026
U.G. COURSES IN HOME SCIENCE CHOICE BASED CREDIT SYSTEM
(Fourth Year Bachelors of Arts Courses: Semester VII TO VIII)
BY
BOARD OF STUDIES: HOME SCIENCE

Dr Kiran Raval
CHAIRMAN
HOME SCIENCE BoS

Dr Shashikala Maheswari
MEMBER
HOME SCIENCE BoS

Mrs Jyoti Patel
MEMBER
HOME SCIENCE BoS

Dr Kalpana Satija
DEAN
Arts Faculty
KSKV Kachchh University



only UG 4th year syllabus
submitted.

Programme Outcomes (Fourth Year – NEP Home Science)

After completion of the fourth year (Honours/Research) in Home Science, students will be able to:

1. Advanced Domain Knowledge

- Acquire in-depth and specialized knowledge in core areas such as Food & Nutrition, Human Development, Textiles, Resource Management, and Extension Education.

2. Research Competency

- Design and conduct independent research projects, including data collection, analysis, interpretation, and report writing.
- Apply scientific methods and research tools effectively.

3. Critical Thinking & Problem Solving

- Analyze complex issues related to health, family, and community development.
- Provide evidence-based solutions to real-life problems.

4. Interdisciplinary Approach

- Integrate knowledge from science, social science, and management for holistic understanding.
- Apply Home Science concepts in diverse fields like public health, education, and entrepreneurship.

5. Skill Development & Employability

- Develop professional, technical, and entrepreneurial skills in areas like dietetics, fashion, childcare, and resource management.
- Become job-ready or self-employed.

6. Communication & Extension Skills

- Demonstrate effective communication, counseling, and extension education skills.
- Work with individuals, families, and communities for awareness and development.

7. Innovation & Entrepreneurship

- Create innovative products/services in nutrition, textiles, and home management.
- Promote start-ups and self-employment opportunities.

8. Ethical & Social Responsibility

- Apply ethical principles in professional and research practices.
- Contribute to community welfare, sustainability, and nation-building.

9. Lifelong Learning & Higher Education

- Develop aptitude for higher studies (M.Sc., Ph.D.) and research careers.
- Engage in continuous learning and professional development.

10. Leadership & Community Engagement

- Act as change agents in improving quality of life of individuals and communities.
- Demonstrate leadership in social, health, and developmental programs.

Special Focus of 4th Year (NEP)

The fourth year under NEP is research-intensive, with:

- Dissertation / Research Project
- Internship / Field Work
- Advanced electives
- Skill-based and multidisciplinary learning

It prepares students for:

- Direct Ph.D. entry (in some universities)
- Research & academic careers
- High-level professional roles



Krantiguru Shyamji Krishna Verma Kachchh University- Bhuj

Arts B. A. Home Science

Syllabus Format for the Fourth Year, Sem 7

Year 2026-27

Scheme A: Honours with On Job Training/Without Training (OJT/WOJT)

Course Type	Course Code Title	Credit	Exam Hours	Internal	External	Passing 36%	Total
Discipline Specific Course MAJOR	MJHS 701 Research Methodology and Procedure Part 1	4	2.00	50	50	18/18	100
	MJHS 702 Advance Clothing & Textile	4	2.00	50	50	18/18	100
	MJHS 703 Sports Nutrition	4	2.00	50	50	18/18	100
MINOR Elective	MNHS 701 Ageing Problems & Management	4	2.00	50	50	18/18	100
On Job Training	OJTHS701	6	3.00	90 (60%)	60 (40%)	32/22	150
Optional Papers for students not opting OJT							
WITHOUT On Job Training WITH SEC	MJHSWOJT 704 Consumer Education	4	2.00	50	50	18/18	100
	SECHS 701 Information and Communication Technology	2	1.00	25	25	9/9	50
Total Credits		22		290/275	260/275	104/94 99/99	550



Scheme B: Honours with Research Project (RP)

Course Type	Course Code Title	Credit	Exam Hours	Internal	External	Passing 36%	Total
Discipline Specific Course MAJOR	MJHS 701 Research Methodology and Procedure Part 1	4	2.00	50	50	18/18	100
	MJHS 702 Advance Clothing & Textile	4	2.00	50	50	18/18	100
	MJHS 703 Sports Nutrition	4	2.00	50	50	18/18	100
MINOR Elective	MNHS 701 Ageing Problems & Management	4	2.00	50	50	18/18	100
RESEARCH PROJECT	RP 701 Dissertation for the Research Students	6	3.00	90 (60%)	60 (40%)	32/22	150
Total Credits		22		290	260	104/94	550

NOTE: THEORY 2 CREDITS & PRACTICALS 2 CREDITS



SEMESTER 7



K S K V Kachchh University- Bhuj									
Home Science Board of Studies									
Programme		GRADUATION FOURTH YBA			Branch/Spec.		ARTS		
Semester		7			Version/Pattern		NEP		
Effective from Academic Year			2026-27		Effective for the batch Admitted in			June-2026	
Subject code		MJHS-701	Subject Name		Research Methodology and Procedure Part I				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	4		0		4	Theory	50	50	100
Hours	60				60	Practical			
Learning Outcome:									
1. Students will understand the nature of research.									
2. Students will learn the basic elements and types of research.									
3. Students will learn about topic selection, data collection, and outline development.									
Theory syllabus; Book Name- Research Methodology and Process - Part I by Prof. Rajendra Mishra, Takshila Publications, 23/4761, Ansari Road, Daryaganj, New Delhi- 110002									
UNIT	CONTENT								Hrs
1	Nature of Research								15
	Research and Criticism								
2	Fundamentals of Research								15
	Types of Research								
3	Selection of Subjects								15
	Data Collection: Collection and Use of Manuscripts								
4	Outline-Making								15
	Division of research work, chapters, subheadings and proportions, dissertation writing (outline, table of contents)								

REFERENCE AND CONTEXT:

1. A Book on Research Methodology in Home Science: Dr Jayshri Mishra & Dr Pravabati Guru, IBRJ PUBLICATIONS, Crossing Republic, Ghaziabad 16.

FORMAT OF QUESTION PAPER

EXTERNAL				INTERNAL	TOTAL MARKS
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			



Programme	GRADUATION FOURTH YBA	Branch/Spec.	ARTS
Semester	7	Version/Pattern	NBP
Effective from Academic Year	2026-27	Effective for the batch Admitted in	June-2026
Subject code	MJHS-702	Subject Name	ADVANCE CLOTHING AND TEXTILE
Teaching scheme			
(Per week)	Lecture (DT)	Practical (Lab.)	Total
	L	TU	P
			TW
Credit	2		2
Hours	30	60	90
			Theory
			Practical
			20
			30
			20
			SEE
			Total
Learning Outcome:			

1. To Understand advance concepts of textile fibers, yarns, fabrics and finishes.
2. To Analyze fabric performance and suitability for various garments.
3. Apply advanced pattern making, drafting, cutting and sewing techniques.
4. Construct garments using professional methods and modern tools.
5. Develop innovative clothing designs using principles of fashion and aesthetics.
6. Apply color, texture and design elements in apparel development.
7. Develop professional skills such as problems solving, teamwork, communication and project work related to apparel and textile field.

Theory syllabus: 'Vastra Vigyan- Parichay', Dr Kiran A Raval, Divine Publications, Gandhi Road, Near Laal Darwaza, Ahmedabad, 9825057905

UNIT CONTINUT

1	Textile Fibers (1) Advance textile characteristics of fibers. (2) Ecofriendly and Organic Fibers	7.5
2	Textile Finishes (1) Different Textile Finishes (a) Meaning of finishes (a) Chemical finishes (a) Mechanical finishes (a) Functional finishes (a) Ecofriendly and sustainable finishes techniques (2) Introduction to Computer Aided Design (C A D) (a) What is meant by CAD (a) How does it work? (a) Advantages of CAD (a) Job opportunities in CAD	7.5
3	Environmental impact of Textile Industry (a) Water Consumption and Pollution (a) Waste Management (a) Chemical Use	7.5
4	(1) Different types of test fiber and fabric identification (a) Appearance Test (a) Feeling Test (a) Breaking Test (a) Burning Test (a) Oil Test	7.5





FORMAT OF QUESTION PAPER					
EXTERNAL			INTERNAL		TOTAL MARKS
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			
NOTE: TWENTY MARKS OF UNIVERSITY PRACTICAL					

- REFERENCE AND CONTEXT:
- 1) 'Aapna vastronm Laundry Science' - Dr Kiran A Raval & Dr Awa Trivedi, Divine Publications, Gandhi Road, Near Laal Darwaza, Ahmedabad, 9825057905
 - 2) Fiber to Fabric : Bernard, P. Corbmac, M.K. Graw—Hill, 1983, ISBN-- 978—0070662630 International Edition
 - 3) Textile Science : Deepali Rastogi & Sheetal Chopra.—Orient Blackswan Pvt. Ltd—2017 ISBN—978—9386392664
 - 4) Vastara Vigan : Secma Sekhri PHI Learning Pvt. Ltd.—2023 ISBN – 978—9391818845 (e book)
 - 5) Fundamentals of Textile and Their Care : Sushila Dantyaagi, Pub: Orient Blackswan, 2012
 - 6) Vastara Vigan Aavam Paridhan : Dr Brinda sinh, Panchsri Prakashan, Jaypur
 - 7) Vastara Vigan Aavam Paridhan : Nirja Yadav, Sahita Prakashan, Aagra

Sr.	NO.	
1		Drafting, Cutting and Stitching (A) A—line dress / designer dress (B) Shrug / Cap Poncho / Koli
2		(A) Princy cut blouse with fancy sleeve pattern and Neck pattern (B) One piece
3		(A) Stitching ready to wear saree

PRACTICALS:

		@ Moisture Test @ Squeezing Test @ Color Test
		(2) Consumer problems in Textile and its Solutions.

(Per week)	Lecture (DT)	Practical (Lab.)	Total	CE	SEE	Total
	L	TU	P	TW		
Credit	4				30	60
Hours	60					

Learning Outcome:

- (1) Explain basic concepts and principles of sports nutrition and energy requirements for athletes.
- (2) Understand the role of macro and micronutrients in physical performance and fitness.
- (3) Plan balanced diets and meal plans for different age groups and types of sports persons.
- (4) Identify hydration needs, supplements and nutritional concerns related to sports activities.
- (5) Apply nutrition knowledge to improve health, fitness and athletic performance.

Theory syllabus; Nutritional Guidelines for Sports persons: By—Geetanjali Bhide & Subhadra Mandalika, — Publisher—Jaypee Brothers Medical publishers

UNIT	CONTENT	1	2	3	4
1	Introduction To Sports nutrition (1) Meaning and Importance of Sport Nutrition (2) Relationship between Nutrition, Fitness and performance (3) Types of sports and Energy Demands (4) Role of Sports Nutritionist	15			
2	Micronutrients and Hydration (1) Role of Vitamins in Physical performance (2) Minerals ---Calcium, Iron, Sodium, Potassium and Magnesium (3) Hydration and Fluid balance (4) Dehydration and Heat related illness (5) Electrolyte balance	15			
3	Nutrition: Before, During and After Exercise (1) Pre-exercise Nutrition (2) Nutrition During Exercise (3) Post Exercise recovery Nutrition (4) Special Diets for Athletes	15			
4	Sports Supplements (1) Classification of supplements (2) Protein supplements, Creatine, Caffeine (3) Sports Drinks and Energy Bars (4) Risks and side effects of supplements	15			

REFERENCE AND CONTEXT:

1. Handbook of Sports Nutrition-----Dr Priti Rishi Lal—Pub., Friends Publication (India)
2. Health Education and Sports Nutrition—Dr Abhay N. Buchha, IBP Books
3. Khel Poshan Talha Bhat Prabandhan — Dr. Kailash Kotikarav Pawar
4. Sports Nutrition—Gurpreet Singh Batra, Pub., Neelkanth Prakashan.



FORMAT OF QUESTION PAPER:

EXTERNAL		INTERNAL		TOTAL MARKS	
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical	25/25=50
2	Essay Type Questions Or Essay Type	10		Attendance/Assignment/	
3	Short note (any ONE out of TWO)	5		Unit Test	
4	Objective Questions FIVE from the SEVEN	5			



(Per week)	Lecture (DT)	Practical (Lab.)	Total	CE	SEE	Total
L	TU	P	TW			
Credit	4		4		30	60
Hours	60		60			

(1) Explain the process of ageing and the physical, psychological and social changes in elderly persons.

(2) Identify common health problems and nutritional needs of older adults.

(3) Understand emotional, economic and social issues faced by the ageing population.

(4) Apply basic care, counselling and management strategies for healthy ageing.

(5) Plan supportive programmes and services for improving quality of life of elderly individuals.

UNIT	CONTNT	Hrs
1	Introduction to ageing 1) Meaning and definition of ageing 2) Concept of ageing: biological, physical and social 3) Stages of old age 4) Myths and facts about ageing	15
2	Physical and health problems of the elderly 1) common age-related physical changes 2) chronic diseases in old age 3) sensory problems: vision, hearing, mobility 4) Nutrition and dietary needs of elderly 5) preventive health care and healthy life style	15
3	Psychological and emotional problems 1) Mental health in old age 2) Memory loss and dementia 3) Depression, loneliness and anxiety 4) Coping strategies and emotional support 5) Role of family and care givers	15
4	Management of aging problems and policies 1) healthy aging strategies 2) concealing techniques 3) recreational and occupational therapy 4) role of yoga, meditation and physical activity 5) national policy for senior citizens 6) government schemes senior citizens 7) old age home, day care centers 8) role of NGO and social workers	15



- (1) Ageing Issues and Responses in India---By - Mala Kapur Shankardass
- (2) Caring for the Elderly: Social Gerontology in the Indian Context- By—Renu Tyagi & Tattwamasi Palsingh.
- (3) Gerontocrat Social Work in India: Some Issues & Perspectives—Murli Desai & Siva Raju
- (4) Geriatric Care: A Textbook of Geriatrics and Gerontology—O.P. Sharma
- (5) Principles & Practice of Geriatric Medicine—O.P. Sharma
- (6) IAG Handbook of Geriatrics – Arvind Mathur, I.K.Goyal & H. Agarwal

EXTERNAI.

EXTERNAL				INTERNAL	TOTAL MARKS
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			



- Adapt to diverse professional environments with confidence and flexibility.
- Demonstrate critical thinking and decision-making abilities.
- Reflect on field experiences to improve professional competence.
- Recognize the importance of continuous learning and skill enhancement.
- Adapt to emerging trends and advancements in Home Science.

10. Lifelong Learning and Reflective Practice

Theory syllabus; Students will undertake project work related to vocational training chosen as per their main subject.

On-the-job Training Rules:

Before starting on-the-job training, a contract will be signed. The trainee will learn while performing actual tasks. The trainee will receive direct guidance and assistance from experienced employees or trainers. The company or workplace's rules and culture will be followed. The trainee will be disciplined and cooperative in assessing their progress. The entire process will be completed within the prescribed timeframe.

On-the-job training timeframe: Usually based on a college semester (e.g., 3-6 months) or the specific project, subject duration.

Report deadline: There is a different timeframe (e.g., a few weeks) for submitting a report after the on-the-job training is completed.

Report: Often a detailed report is required, with a word limit of approximately 5,000 words.

Viva: The report evaluation is followed by an oral examination, which is part of the overall grading.

Evaluation: Passing marks are required for both the report and the viva.

UNIT CONTENT

18

1. Hospitals & Health Care Centers

Best for: Clinical Nutrition, Dietetics, Public Health

Where to go:

- Government hospitals (Civil Hospital, Community Health Centers)
- Private hospitals (diet department)
- Nutrition clinics / diet studios

Students learn:

- Diet planning & therapeutic nutrition
- Patient counseling
- Hospital food service management

✓ Example: Students in Home Science programs often intern in hospitals to observe nutrition and patient care services

2. Anganwadi Centers / ICDS Projects

Best for: Community Nutrition, Child Development

- Local Anganwadi centers (ICDS)

- Projects like Nand Ghar

Students learn:

- Child growth monitoring
- Supplementary nutrition programs
- Preschool education activities

✓ These centers provide nutrition, health, and early childhood services across India

3. Schools & Pre-schools

Best for: Human Development, Early Childhood Education

- Nursery schools / Play schools
- Special schools (for differently-abled children)

Students learn:

- Teaching-learning methods
- Child psychology
- Activity-based learning

✓ Many Home Science students gain exposure through preschool and special school visits

4. NGOs & Community Development Organizations

Best for: Extension Education, Community Nutrition

- NGOs working in:





- Nutrition
- Women empowerment
- Rural development

Examples:

- Indbharat Global Foundation
- FMCH India
- CORID India

Students learn:

- Nutrition awareness programs
- Community surveys
- Health & hygiene campaigns

✓ NGOs actively work with Anganwadi and community health systems

5. Food & Nutrition Industry

Best for: Food Science, Nutrition

- Food processing units

- Catering units

- Diet food companies

Students learn:

- Food safety & quality control

- Product development

- Menu planning

6. Textile & Apparel Sector

Best for: Textile & Clothing

- Boutique / Fashion houses

- Garment industries

- Textile labs

Students learn:

- Fabric selection

- Apparel designing

- Merchandising

7. Interior Design / Resource Management Firms

Best for: Home Management & Interior Design

- Interior design studios

- Event management companies

Students learn:

- Space planning

- Household management

- Event organization

8. Government & Research Institutions

Best for: Policy exposure & research

- Savitribai Phule National Institute of Women and Child Development

- Nutrition Mission / Poshan projects

Students learn:

- Policy implementation

- Research & documentation

✓ Such internships expose students to national programs on women and child development

9. Private Practice / Recreance Opportunities

Best for: Entrepreneurship

- Work under a dietitian

- Start small nutrition consultancy

- Online diet planning internships

FORMAT OF QUESTION PAPER

EXTERNAL		INTERNAL		TOTAL MARKS
Sr.	Ques Type	Marks	Mode of assessment and marks	
I	Students will undergo work-based training and give viva on that side.	60	Self-study -Project - Written test -Group discussion - Attendance -Multi-method evaluation	90





Programme	GRADUATION FOURTH YBA	Branch/Spec.	ARTS
Semester	7	Version/Pattern	NIP
Effective from Academic Year	2026-27	Effective for the batch Admitted in	June-2026
Subject code	MJHS RP-701	Subject Name	Dissertation for the Research Students
Teaching scheme			
(Per week)	Lecture (DT)	Practical (Lab.)	Total
	L	TU	P
			TW
Credit			6
Hours			150
Learning Outcome:			
Students will develop a comprehensive understanding of the subject matter, subject selection, and key concepts and principles of the subject.			
They will gain the ability to apply theoretical knowledge to real-life problems and situations.			
They will develop thinking skills and the ability to analyze and find solutions to complex problems.			
They will gain an understanding of research methods.			
Curiosity and independence will be developed.			
An understanding of social responsibility and high moral values will be gained.			
Learning new skills in professional fields.			
Providing opportunities for career exploration and development.			

Theory syllabus:

During Semester VII, the researcher will follow the following general guidelines for the research project and complete the specified steps. The researcher will conduct research on a topic related to the major course. For ease of topic selection, the research project scope and research project diversity are presented here.

Topic Selection & Scoping: Choose an area of interest and formulate it into a specific research question that is new and important. Study previous research on your topic to identify any gaps in knowledge.

Finding a supervisor: Make a list of potential supervisors and contact them to discuss your area of interest. Make sure you and your supervisor can work well together.

Literature Review: Summarize the existing knowledge on your topic and explain how your research fits into the existing literature.

Designing a Research Methodology: Describe how you will conduct your research (e.g., observation, experiment, interview) and how you will collect data. Choose a qualitative or quantitative method.

Data Collection and Analysis: Collect and analyze data according to your chosen methodology. Draw meaningful conclusions from the data that relate to your research question.

In short, the seventh semester will consider advanced level interdisciplinary studies related to research topic selection and research methodology. In the initial phase of research, the identification of required data, methods of collecting qualitative and quantitative data, collection of quantitative data, secondary data analysis, etc. will be decided.

University Specifics: Universities and departments have their own specific rules and formats, which are available on their websites. Viva-Voce and evaluation by external examiners will be conducted. In short, the rules are meant to keep the process organized and focused, helping you complete a quality research project within the stipulated timeframe.



Sr.	Ques Type	Marks	Mode of assessment and marks	TOTAL MARKS
1	Students will be able to conduct work-based training and deliver oral presentations. Students will be able to discuss subject matter, subject selection process, and topic selection, etc. Students will be able to write introductions. Students will be able to prepare questionnaires.	90	- Self-study - Project - Written test - Group discussion - Attendance - Multi-method assessment	60-150
EXTERNAL		INTERNAL		

FORMAT OF QUESTION PAPER

REFERENCE AND CONTEXT:
1. A Book on Research Methodology in Home Science: Dr Jayshri Mishra & Dr Pravabati Guri, IBRI PUBLICATIONS, Crossing Republic, Ghaziabad 16.

UNIT	Content	1
1	Theme-based: Exploration of philosophical, social, psychological, justice, situation (condition and direction), justice, change, depiction of nature, etc., across various specific genres of Hindi literature. Historical: Study of literary trends within a specific author, period, or culture. Literary study and discussion Analysis of consciousness and resistance in various types of literature: Dalit, tribal, women's, etc. Study of folk literature: Northeast and non-Hindi Translation and analysis of folk literature from Indian languages into Hindi. Comparative: Comparative study of literary trends within a particular author, place, period, work, or culture Comparative study of various literary genres	2
2	Literature and Society/Culture: Study of Indian folk consciousness and psyche through the Hindi language. The influence of literary forms of neighboring languages on the literature of Indian languages (from medieval times to the present). A discussion of the interrelationship between Hindi language and culture.	3
3	Translation Studies: The role of translation, especially between cultures and in modern media. The importance of translation in the age of globalization.	4
4	Creative Writing Research to refine writing styles, exploring writing styles across different genres and subjects.	5
5	Language and Literature Teaching Research on strategies, methods and innovative approaches to teaching and learning language and literature.	6
6	Language and society Study of the relationship between language and society Linguistic diversity Language dynamics in multilingual societies Language equivalence	7
7	Language Technology and Information: The integration of language with computers for information and communication (e.g., multimedia programming, software development). The study of technical/functional language forms and their evolution, especially in the context of globalization.	

OPTIONAL PAPER FOR THE STUDENTS WHO AREN'T OPTING ON JOB TRAINING

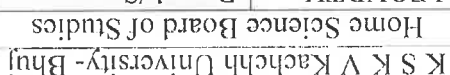
K S K V Kaachh University - Bhuj									
Home Science Board of Studies									
Programme	GRADUATION		FOURTH YBA		Branch/Spec.	ARTS			
Semester	7				Version/Pattern	NEP			
Effective from Academic Year	2026-27		Effective for the batch Admitted in		June-2026				
Subject code	MJHS-704		Subject Name		CONSUMER EDUCATION				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture (DT)	Practical (Lab.)		Total	CE	SEE	Total		
	L	TU	P	TW					
Credit	4			4	Theory	50	50	100	
Hours	60			60	Practical				
Learning Outcome:									
(1) Explain the basic concepts, principles and importance of consumer education and consumer rights.									
(2) Understand consumer behaviour and socio-economic factors affecting purchasing decisions.									
(3) Identify consumer problems, unfair trade practices and legal remedies.									
(4) Apply knowledge of Consumer Protection Act and grievance redressal mechanisms.									
(5) Analyze products, advertisements and make informed consumer decisions.									
(6) Promote responsible, ethical and sustainable consumer behaviour in society.									
Theory syllabus									
UNIT	CONTENT								
1	Introduction to consumer education 1) Meaning and definition of consumer education 2) Need and importance of consumer education 3) Role of consumer in society 4) Consumer behavior and decision making								
2	Consumer rights and responsibilities 1) Consumer rights as per consumer protection act 2019 2) Consumer responsibilities 3) Role of consumer organization 4) Consumer awareness programs								
3	Consumer problems and protection 1) Common consumer problems 2) Adulteration and misleading advertisement 3) Unfair trade practicing 4) Consumer grievances revision system								
4	Consumer protection laws, agencies and quality standards 1) Consumer protection Act and three tier redressed system 2) Role of NGOs and government agencies 3) Online consumer complaint portals 4) Quality marks: ISI, AGMARK, FSSAI, HALAL MARK, ECO MARK 5) Standardization and labeling								
REFERENCE AND CONTEXT:									
1) Consumer education and protection: S.K.Singh 2) Consumer behavior: Schiffalaan & Kanuk 3) Consumer protection ACT 2019 (government of India) 4) Home science extension education books									



FORMAT OF QUESTION PAPER

INTERNAL		EXTERNAL		TOTAL		Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	INTERNAL	TOTAL MARKS
25/25=50	Internal Theory & Practical Attendance/Assignment/ Unit Test	50	10	10	50							
			1	Essay Type Questions Or Essay Type	10							
			2	Essay Type Questions Or Essay Type	10							
			3	Short note (any ONE out of TWO)	5							
			4	Objective Questions FIVE from the SEVEN	5							





REFERENCE AND CONTEXT:
1. Technical Knowledge and Dimensions of ICT - D. Joshi

FORMAT OF QUESTION PAPER

- Self-study
- Project
- Written test
- Group discussion
- Attendance
- Multi-method assessment

SEMESTER 8



K S K V KACHCHH UNIVERSITY
ARTS GRADUATION HOME SCIENCE
Fourth Year Sem 8 (Half-Term) Question Paper Format
Year 2026-27

Scheme A: Honours with On Job Training/Without Training (OJT/WOJT)

Course Type	Course Code Title	Credit	Exam Hours	Internal	External	Passing 36%	Total
MAJOR	MJHS 801 Research Methodology and Procedure Part 2	4	2.00	50	50	18/18	100
	MJHS 802 Food & Nutrition Security	4	2.00	50	50	18/18	100
	MJHS 803 Health & Family Welfare Management	4	2.00	50	50	18/18	100
	MNHN 801 Women Entrepreneurship	4	2.00	50	50	18/18	100
	OJT 801 On Job Training for the Honors Students	6	3.00	90 (60%)	60 (40%)	32/22	150
Optional Papers for students not opting OJT							
WITHOUT OJT WITH SHC	MJHSWOJT 804 Interior Decoration & Housing	4	2.00	50	50	18/18	100
	SECHN 801 Information and Communication Technology Part 2	2	1.00	25	25	9/9	50
Total Credits		22		290/275	260/275	104/94	550



Scheme B: Honours with Research Project (RP)

Course Type	Course Code Title	Credit	Exam Hours	Internal	External	Passing 36%	Total
MAJOR	MJHS 801 Research Methodology and Procedure Part 2	4	2.00	50	50	18/18	100
	MJHS 802 Food & Nutrition Security	4	2.00	50	50	18/18	100
	MJHS 803 Health & Family Welfare	4	2.00	50	50	18/18	100
	MINOR						
	MNHN 801 Women Entrepreneurship	4	2.00	50	50	18/18	100
	RESEARCH PROJECT RP 801 Dissertation for the Research Students	6	3.00	90 (60%)	60 (40%)	32/22	150
Total Credits		22		290	260	104/94	550



Programme	GRADUATION FOURTH	Branch/Spec.	ARTS
Semester	8	Version/Pattern	NIP
Effective from Academic Year	2026-27	Effective for the batch Admitted in	June-2026
Subject code	MJHS-801	Subject Name	Research Methodology and Procedure Part 2
Teaching scheme			
(Per week)	Lecture (DT)	Practical (Lab.)	Total
CE	SFE	Total	
Credit	4	4	100
Hours	60	60	
Learning Outcome:			
Students will be able to use historical facts and methods of literary research.			
Students will understand sociological techniques.			
Students will understand the main principles of textual criticism.			
Students will gain an understanding of various research methods.			
1) Theory syllabus; Research Methodology: Methods and Techniques By---- C. R. Kothari			

Unit	Content
1	Introduction (1) Meaning, Importance and Objectives of research (2) Types of research A) Basic B) Applied C) Descriptive D) Experimental (3) Qualitative and Quantitative research (4) Variables and Measurement levels
2	Research Process (1) Selection of research problems/topic (2) Research Questions and Hypothesis (3) Review of literature (4) Research design (5) Research Ethics and Planning
3	Sampling Techniques (1) Concepts of samples/sampling (2) Types of Sample A) Random sample B) Purposive sample C) Stratified sample D) Cluster sample (3) Census v/s sample survey Sample size determination (small group studies)
4	Data Collection Methods and Report Writing (1) Primary and Secondary data (2) Interview, Questionnaire, Observation (3) Case study and experimental method (Arrangement of data) (4) Tools of data (5) Editing and coding of data (6) Classification of Tabulation and Statistical analysis (7) Interpretation of data (8) Research report writing



- REFERENCE AND CONTEXT:
1. A Book on Research Methodology in Home Science: Dr Jayshri Mishra & Dr Pravabati Guru, IBRJ PUBLICATIONS, Crossing Republic, Ghaziabad 16.
 2. Research Methodology: By----- Dr Sonal Trivedi
 3. Research Methodology: A step by step guide----- By ---- Ranjit Kumar
 4. Research Methodology: By--- P. Saravanavel
 5. Scientific Method and Social research: By----- B. N. Ghosh
 6. સૌથી વધુ પસંદ કરવામાં આવેલા --- By---ડી. કે.જી. દેસાઈ—ગુજરાત યુનિવર્સિટી, ગાંધી ભાવના બોર્ડ
 7. સૌથી વધુ પસંદ કરવામાં આવેલા --- By---ડી. કે.જી. દેસાઈ .—સી. જમનાદેવિ પુસ્તકાલય

FORMAT OF QUESTION PAPER

EXTERNAL		INTERNAL		TOTAL MARKS	
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			
NOTE: TWENTY MARKS OF UNIVERSITY PRACTICAL					





- 1) "Food and Nutrition Security in India" By---- Dr. S. Mahendra Dev & Dr. K.S. Babu
- 2) "Food Security in India: Policies and Challenges" By---- DR. M. S. Swaminathan
- 3) "Human Nutrition By-- DR. M. S. Swaminathan
- 4) "Textbook of Nutrition and Dietetics By---Dr. Kumud Khanna & Dr. Rama Rao
- 5) "Nutrition and Dietetics" By---Dr. Shubhangini A. Joshi
- 6) "Food Science and Nutrition By--- Dr. Sunetra Roday
- 7) "Food and Agriculture Organization (Reports on food security)
- 8) Ministry of Women and Child Development – ICDS & Poshan Abhiyan reports
- 9) NITI Aayog – National Nutrition Strategy & SDG reports
- 10) Indian Council of Medical Research—Nutritional Requirement reports

REFERENCE AND CONTXT:

Sr. NO.	1	2	3	4
	Nutrition Assessment (Checking Health & Diet) 1) Do Nutritional survey of person 2) Measure Height, Weight and calculate BMI 3) Identify signs of malnutrition and anemia. 4) Conduct simple Household food security survey	Food Availability and Budget 1) Visit local market and note food prices. 2) Prepare a low-cost balanced diet plan 3) Plan a small kitchen garden 4) Study how the public Distribution system works	Government Programs and Food Safety 1) Study ICDS 2) Study MDM Scheme 3) Conduct simple food adulteration tests 4) Read and Understand food labels.	Sustainable Food and Nutrition 1) Prepare low-cost nutritious recipes. 2) Plan diet for Pregnant women, Children and Adolescent 3) Conduct Nutrition Awareness program in community 4) Prepare a small project report on food security

PRACTICALS ON FOOD AND NUTRITION SECURITY

3	Introduction to food adulteration security 6) Concept of food security: availability, Access, utilization stability 7) Nutrition security verses food security 8) Determinants of nutrition security 9) Global hunger and malnutrition scenario 10) Indian scenario: Under nutrition, micro nutrient deficiency, hidden hunger 11) Sustainable diets and food systems	4	Policies and programs for food and nutrition security 1) Public distribution system (PDS) 2) National food security act (NFSA) 3) Midday meal program 4) ICDS, POSHAN Abhiyan 5) Food fortification policies 6) Sustainable development goals (SDG) zero hunger, role of government, NGOs and international agencies	7.5
---	--	---	--	-----

- 11) National Food Security Act (2013)
- 12) ICDS services
- 13) MIDM Scheme (PM Poshan)
- 14) Poshan Abhiyan (National Nutrition Mission)

FORMAT OF QUESTION PAPER

EXTERNAL			INTERNAL	TOTAL MARKS
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test
2	Essay Type Questions Or Essay Type	10		
3	Short note (any ONE out of TWO)	5		
4	Objective Questions FIVE from the SEVEN	5		
NOTE: TWENTY MARKS OF UNIVERSITY PRACTICAL				



Programme	GRADUATION	FOURTH YBA	Branch/Spec.	ARTS
Semester	8		Version/Pattern	NEP
Effective from Academic Year	2026-27		Effective for the batch Admitted in	June-2026
Subject code	MJHS-803		Subject Name	HEALTH AND FAMILY WELFARE
Teaching scheme				
Learning Outcome:				
(Per week)	Lecture (DT)	Practical (Lab.)	Total	CE
SEE	Total	SEE	Total	SEE
(Per week)	Lecture (DT)	Practical (Lab.)	Total	CE
Hours	60		4	50
Credit	4		4	50
Hours	60		60	100

Examination scheme (Marks)

Theory syllabus: Health and family welfare : Satish Tiwari, Amazon				
1) Explain the fundamental concepts of health, wellness and family welfare within the context of community and national health systems.	2) Analyse the determinants of health and their influence on families and communities.	3) Apply basic principles of management to planning, implementing and evaluating health and family welfare programs.	4) Interpret Government Policies and Programs.	5) Demonstrate skills in designing and delivering health education strategies for diverse population groups.
6) Critically evaluate welfare measures and interventions aimed at improving quality of family life and wellbeing.	7) Enhance employability skills relevant to careers in health care settings, NGOs, government health departments and community development sectors.			

UNIT	CONTENT	Hours
1	Introduction to health and family welfare	7.5
2	1) Meaning, scope and importance of family welfare 2) Evolution of health and family welfare programs in India, 3) Relationship between health, family size, education and socio-economic status 4) Role of government and NGOs	7.5
3	Reproductive and child health (RCH) 1) Concept and components of RCH 2) Maternal health: ANC, PNC, safe delivery 3) Newborn and child health: immunization growth monitoring, common childhood illnesses 4) Adolescent reproductive and sexual health 5) Reproductive rights and gender issues	7.5
4	Family planning and population education 1) Concept and need for family planning 2) Methods of family planning: natural, barrier, hormonal, Surgical, etcetera 3) Male involvement in family welfare 4) Myths and misconceptions about family planning	7.5
	National health and family welfare programs 1) National health mission (NHM) 2) Reproductive maternal neonatal child and adolescent health (RMNCAH) 3) Javani suraksha yojana (JSY) 4) Javani shishu suraksha karyakram (JSSK) 5) Ayushman bharat 6) ICDS (Aanganwadi services)	7.5



	7) School health and nutrition programme	
--	--	--

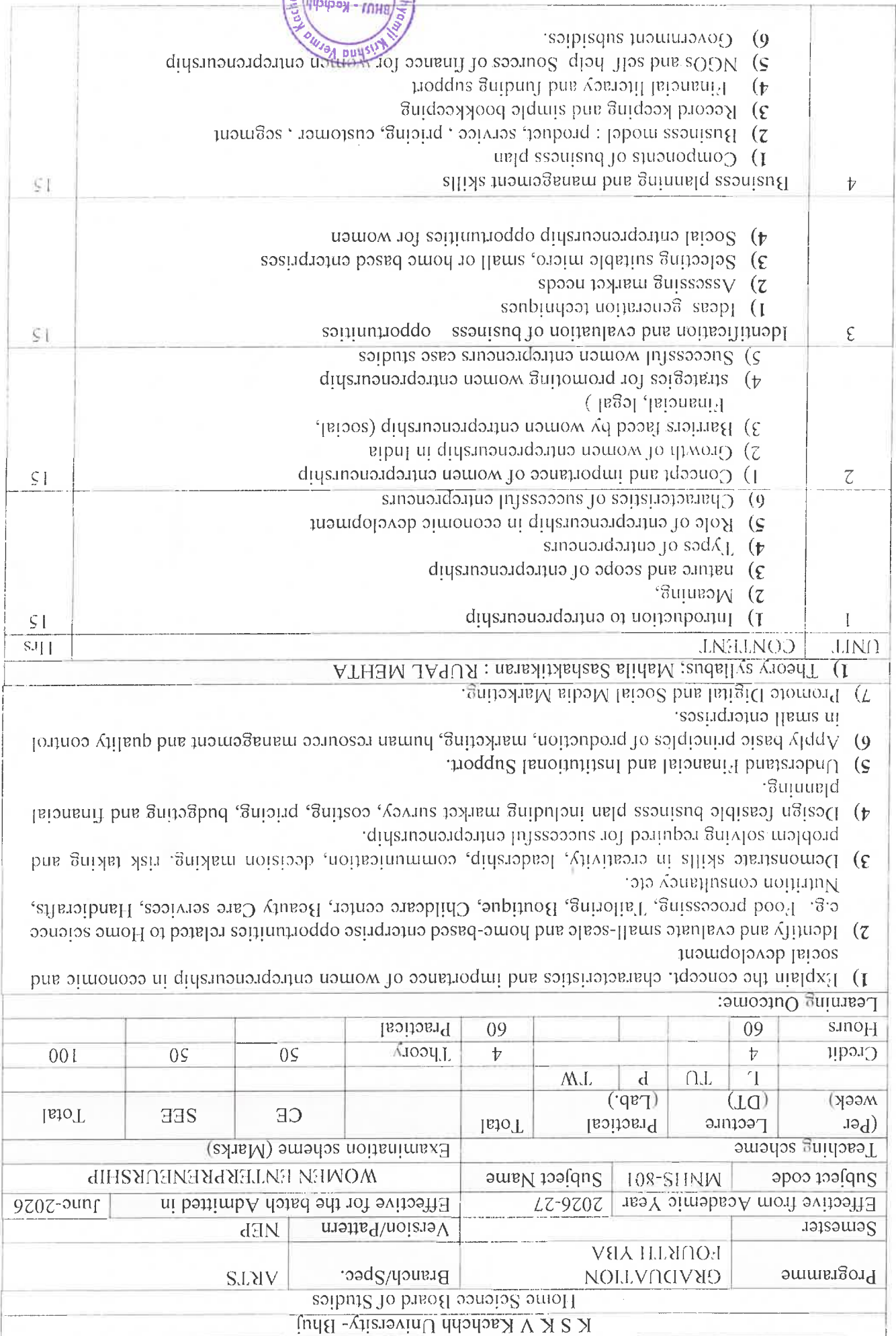
REFERENCE AND CONTEXT:

- 1) Health and Family Welfare: Satish Tiwari
- 2) Ayurveda for health and family welfare: T.L. Devraj
- 3) encyclopedia of family health and wellness: (10 volumes): Berlan (editor and compiler)

FORMAT OF QUESTION PAPER:

EXTERNAL		INTERNAL		TOTAL MARKS	
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	TOTAL MARKS
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			



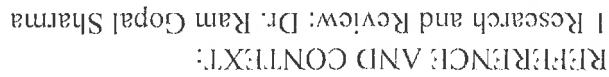


- REFERENCE AND CONTEXT:
- 2) Calvin A.K "encyclopedia of entrepreneurship" engle wood cliff prentice 1982
 - 3) vasant desai "entrepreneurship Development volume 123
 - 4) 75 WOMEN entrepreneurship of India: NITI Aayog
 - 5) 50 Inspiring women of Gujarat

FORMAT OF QUESTION PAPER:

EXTERNAL		INTERNAL		TOTAL MARKS	
Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	TOTAL MARKS
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10			
3	Short note (any ONE out of TWO)	5			
4	Objective Questions FIVE from the SEVEN	5			





K S K V Kachchh University- Bhuj
Home Science Board of Studies

EXTERNAL		INTERNAL		TOTAL MARKS
Sr.	Ques Type	Marks	Mode of assessment and marks	
1	Students will undergo work-based training and give viva on that side.	60	Self-study -Project -Written test -Group discussion -Attendance -Multi-method evaluation	90= 150

OPTIONAL PAPER FOR THE STUDENTS WHO AREN'T OPTING ON JOB TRAINING

K S K V Kachchh University- Bhuj									
Home Science Board of Studies									
Programme		GRADUATION		FOURTH YBA		Branch/Spec.		ARTS	
Semester		8		Version/Pattern		NLP		Effective for the batch Admitted in	
Effective from Academic Year		2026-27		Subject Name		INTERIOR DECORATION AND HOUSING			
Subject code		MHHS-804		Subject Name		INTERIOR DECORATION AND HOUSING			
Teaching scheme		Examination scheme (Marks)		(Per week)		Lecture (DT)		Practical (Lab.)	
Total		Total		CE		SEE		Total	
L		TU		P		TW		Theory	
Credit		4		4		50		50	
Hours		60		60		Practical		100	
Learning Outcome:									
1) Understand principles and elements of interior design and their application in housing planning.									
2) Explain concepts of residential space plan furniture layout, color schemes and lighting.									
3) Identify building materials, furnishings, finishes and accessories used in interior housing.									
4) Understand functional and aesthetic requirements of modern residential interiors.									
5) Apply anthropometry, ergonomics and space utilization principles in interior planning.									
6) Design interiors for different income groups and housing needs.									
7) Select appropriate materials, colors schemes and decorative items for interior enhancement.									
8) Demonstrate practical skills in interior decoration, arrangement and space organization.									
5) Theory syllabus: Gruh Sajavat ni Gita – by Dr.Nehaben Shah , Parshwa Prakashan									
UNIT	CONTINUT	Hrs	15	15	15	15	15	15	15
1	Concept of interior designing	15	15	15	15	15	15	15	15
2	1) Difference between interior design and decoration 2) Principle of design: balance, rhythm, emphasis, harmony, proportion 3) Elements of design: line, form, color, texture, space 4) Color theory and its application in interior.	15	15	15	15	15	15	15	15
3	Special areas and trends 5) Interior decoration of living room, bedroom, dining room 6) Interior decoration for small houses 7) Recent trends in interior decoration 8) Types of furniture 9) Ergonomics in furniture designing	15	15	15	15	15	15	15	15
3	Lighting and accessories 1) Lighting • types of lighting • source of light • difference types of lighting arrangements in different rooms 2) decorative accessories • paintings, flower arrangements • Indore plants and their role in interior 3) floor covering • carpets, rugs, tiles. 4) Window treatments- curtains, draperies, blinds	15	15	15	15	15	15	15	15





Sr.	Ques Type	Marks Distribution	Total Marks	Mode of assessment and Marks	INTERNAL	TOTAL MARKS
1	Essay Type Questions Or Essay Type	10	50	Internal Theory & Practical	Attendance/Assignment/ Unit Test	25/25=50
2	Essay Type Questions Or Essay Type	10				
3	Short note (any ONE out of TWO)	5				
4	Objective Questions	5				

FORMAT OF QUESTION PAPER

4	Meaning and importance of housing 1) Housing needs of individuals and families 2) Types of houses • Kucha house • Semi pacca • Pacca • Independent houses, apartments, row houses 3) Factors influencing housing design • Climate • Family size • Culture and life style	REFERENCE AND CONTEXT: 1) Indian interiors – by Deidi Von Schaewen 2) Luxury indian interiors –by Tanya Khanna & J.P. Agrawal 3) Aavas aevam aantrik sajja --- by Rohit Mallik 5) Interior design & decoration By Rohit Mallik

Programme	GRADUATION FOURTH	Branch/Spec.	ARTS
Semester	8	Version/Pattern	NEP
Effective from Academic Year	2026-27	Effective for the batch Admitted in	June-2026
Subject code	SHCHS 801	Subject Name	Information and Communication Technology Part 2
Teaching scheme			
(Per week)	Lecture (DT)	Practical (Lab.)	Total
	L	TU	P
Credit	2		2
Hours	30		30
Learning Outcome:			
Students will understand the history and importance of operating systems.			
Students will learn about open source operating systems.			
Students will gain knowledge about MS Office.			
Students will be able to use multimedia in education.			
Students will be able to use Internet search engines.			
Theory syllabus; Book Name: Critical Understanding of Information and Communication Technology – Dr. Vinod M. Katuwa, String Publication, 2 H, 1066, Preet Vihar Colony, Roorkee, Uttarakhand-247667.			

Theory syllabus; Book Name: Critical Understanding of Information and Communication Technology – Dr. Vinod M. Katuwa, String Publication, 2 H, 1066, Preet Vihar Colony, Roorkee, Uttarakhand-247667.			
UNIT	1	CONTENT	Hrs
2		The history and importance of operating systems	15
		Open source operating systems	
		History of MS Office and its use in education	
		Use of multimedia in education	15
		Using search engines on the Internet	
		Microsoft Word, Microsoft Excel, Microsoft PowerPoint	

REFERENCE AND CONTEXT:

1. Technical Knowledge and Dimensions of ICT - D. Joshi
2. Analysis of ICT and Social Change - K. Verma
3. Information Technology and Its Role in Education - R. Sinha
4. Deep Understanding of Information and Communication Technology - A. Agarwal



EXTERNAL			INTERNAL		TOTAL MARKS
Sr.	Ques Type	Marks	Total	Mode of assessment and marks	
1	Essay type questions or essay-based short notes (any two out of four)	10	25	- Self-study - Project - Written test - Group discussion - Attendance	25
2	Objective type questions (five out of seven)	10			
3	Essay type questions or essay-based short notes (any two out of four)	05			