



# SARDAR PATEL UNIVERSITY

VALLABH VIDYANAGAR - 388 120 (GUJARAT) INDIA  
NAAC Accreditation CGPA 3.25 Grade - 'A' (23-1-2017 to 22-1-2022)

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## ACADEMIC SECTION

તારીખ: 29/9/2022

નંબર: ડી/બી/5622

પ્રતિ:

વડાશ્રી, અનુસ્નાતક હોમસાયન્સ વિભાગ  
સરદાર પટેલ યુનિવર્સિટી

પ્રતિ:

આચાર્યશ્રી, યુનિવર્સિટી સંલગ્ન હોમસાયન્સનો  
અભ્યાસક્રમ શીખવતી કોલેજો,

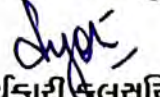
વિષય: સેલ્ફ સ્ટડી મટીરીયલ બાબત.

સુજાશ્રી/સુશ્રી,

ઉપરોક્ત વિષયના આ કાર્યાલયના તારીખ: ૧૬-૧૨-૨૦૨૧ના ડીનશ્રીને ઉદ્દેશીને લખેલા પત્ર ક્રમાંક: ડી/બી-૩/ટર્મ શિડ્યુલ/૨૦૨૧-૨૨/૪૮૦૦ના અનુસંધાનમાં સવિનય જણાવવાનું કે હોમસાયન્સ વિદ્યાશાખા અંતર્ગત આવતા સ્નાતક અને અનુસ્નાતકના બીજા સેમેસ્ટરના વિદ્યાર્થીઓને બિડાણમાં દર્શાવ્યા મુજબના યુનિટ/ચેપ્ટરને સેલ્ફ સ્ટડી માટે આપવું. તથા તેનું સ્ટડી મટીરીયલ સંબંધકર્તા વિષયના અધ્યાપકો દ્વારા તૈયાર કરી વિદ્યાર્થીઓને આપવું. સદર યુનિટ/ચેપ્ટરનો સમાવેશ યુનિવર્સિટીની ફાઇનલ સેમેસ્ટર પરીક્ષામાં કરવાનો હોવાથી વિદ્યાર્થીઓને કોઈ મુશ્કેલી જણાય તો સંબંધકર્તા અધ્યાપકે માર્ગદર્શન આપવાનું રહેશે.

ઉપરોક્ત તમામ બાબતોને ધ્યાને લઈ ઘટતી કાર્યવાહિ કરવા વિનંતી.

આપની વિશ્વાસુ,

  
કાર્યકારી કુલસચિવ

નકલ રવાના:

ડીનશ્રી, હોમસાયન્સ વિદ્યાશાખા તરફ જાણ સારું.

ચેરમેનશ્રી, હોમસાયન્સની અભ્યાસ સમિતિ તરફ જાણ સારું.

પરીક્ષા વિભાગ તરફ જાણ સારું.

નિયામકશ્રી, કોમ્પ્યુટર સેન્ટર તરફ જાણ તેમજ વેબસાઇટ પર પ્રસિધ્ધ કરવા ઘટતી કાર્યવાહિ કરવા સારું.

**B.Sc.(Home Science)(II Semester)**  
**S. M. Patel College of Home Science, Vallabh Vidyanagar**  
**&**  
**Shri R. P. Arts , K. B. Comm & Smt B.C.J. Sci. College, Khambhat**

**Content details for self study (Second term of Academic Year 2021-22)**

Sr. No.	Subject Code	Subject Title	Unit No.	Content	Name of Faculty	
					S.M.Patel College	Khambhat College
1	UH02CFDN51	Family Meal Management	2	Nutrition for adulthood and old age Adult: Nutrient requirements for adult man and woman, RDA, nutritional guidelines. Elderly: Physiological changes in elderly, RDA, nutritional guidelines.	Dr. Minal Chauhan	Dr. Falguni Panchal
2	UH02CHUD53	Fundamentals of Early Childhood Care and Education	1	Introduction to Early Childhood Care and Education: (a) Concept, meaning, scope and significance of ECCE: Developmental perspective, Neuroscience perspective, Human rights perspective (b) Expansion from ECE to ECCE to ECD. (c) Aims and objectives of ECCE- General and specific (d) Types of ECCE service delivery – Formal and informal; Government funded, Philosophy oriented, Laboratory nursery school, Franchise oriented	Dr. Mittal Barot	Dr. Neetaben Shah
3	UH02CTCL55	Introduction to Textiles	4	Yarns -Classification of Yarns, Types of Yarns- Simple, Novelty, Textured, Sewing Threads	Mrs. Poonam Oza	Dr. Falguni Panchal
4	UH02CFRM57	Basics of Interior Design	3	Flower Arrangement as an Art	Ms. Kalpana Srivastava	Dr. Anita Patel
5	UH02CBSC59	Basic Science - II	4	Microorganisms (a) Significance of Microorganism, brief account of Viruses and Bacteria (b) Commercial importance of Microbes ( Viruses , Bacteria and Yeast ) (c) Economic importance of plants and animals	Mrs. Trusha Lad	Dr. Neetaben Shah
6	UH02EHSC52	Disaster Management	4	(a) Framework and Policies of Government for Disaster Management. (b) Funds and Financial Aids for Disaster Management.		Dr. Anita Patel
7	UH02EHSC53	Physical Education	4	Recreation 1 .Recreation-Meaning, Characteristic, Mis Concept of recreation, Definitions, Importance, its importance for human being, Values of recreation. 2. Recreation for Urban and rural people, various equipments, Facilities, Maintains 3. Art and Craft : Games, Play - Various hobbies, Music, Decoration, Natural sight seen, Dance, Camping, Walking, GMP Construction, Social Occasions, Writing, Reading, Stories.	Mr. Rantit Bhagora	

**M.Sc.(Home Science)(II Semester)**  
**P.G.Department of Home Science**  
**Content details for self study (Second term of Academic Year 2021-22)**

**Foods and Nutrition:**

Sr. No.	Subject Code	Subject Title	Unit No.	Content
1	PH02CFDN51	Statistics	4	General awareness of popular software packages for word processing SPSS, Spread sheet, openepi etc. Sample size calculation and analysis of data using these softwares.
2	PH02CFDN52	Nutritional Biochemistry	4	Hormones and Biosignalling
3	PH02CFDN54	Food and Nutraceutical Chemistry	3	Meats and Eggs
			4	<ul style="list-style-type: none"> <li>• Chemistry of fruits and vegetables</li> <li>• Food additives</li> </ul>
4	PH02EFDN51	Food Processing Technology	1	Basic issues of food production Industry, Govt. policies and programmes for processing industries
			4	<ul style="list-style-type: none"> <li>• Flesh foods</li> <li>• Processing of fruits and vegetables</li> </ul>

**Food Biotechnology:**

Sr. No.	Course Code	Course Title	Unit No.	Content
1	PH02CFBT51	Statistics	4	General awareness of popular software packages for word processing SPSS, Spread sheet, openepi etc. Sample size calculation and analysis of data using these softwares.
2	PH02CFBT52	Recombinant DNA Technology	3	Characterization of cloned DNA
3	PH02CFBT54	Food and Nutraceutical Chemistry	3	Meats and Eggs
			4	<ul style="list-style-type: none"><li>• Chemistry of fruits and vegetables</li><li>• Food additives</li></ul>
4	PH02EFBT51	Food Processing Technology	1	Basic issues of food production Industry, Govt. policies and programmes for processing industries
			4	<ul style="list-style-type: none"><li>• Flesh foods</li><li>• Processing of fruits and vegetables</li></ul>
5	PH02CFBT56	Entrepreneurship Development	4	Project identification, Selection and formulation of project reports

## General Home Science:

Sr. No.	Course Code	Course Title	Unit No.	Content
1	PH02CGEN51	Statistics	4(b)	(b) General awareness of popular software packages for word processing SPSS, Spread sheet, openepi etc. Sample size calculation and analysis of data using these softwares.
2	PH02CGEN53	Food Science	4	(a) Food adulteration: Concept of food adulteration, different types of adulterants in food commodities, test of detection of various adulterants, effect of food adulteration on human health (b) Sensory evaluation of foods: factors affecting acceptability of foods, Selection of test panel, different types of tests for sensory evaluation.
3	PH02CGEN55	Family Studies	4	Families in Society: (a) Environments beyond families (b) Practices that construct family, competences to face millennium challenges
4	PH02CGEN56	Human Rights	5	Agencies working for Human rights: (a) National Human Rights Commission (b) Non-Government Organizations
5	PH02CGEN57	Entrepreneurship Development	6	Institutional support to Entrepreneurs (a) Need for institutional support (b) Supporting institutions (National Small Industries Corporation- NISC, Small Industries Development Organisation- SIDO, Small Scale Industries Board- SSIB, Small Scale Industries Development Corporations – SSIDC, Small Scale Industries Service Institutes – SISIs, District Industries Centres- DICS, Industrial Estates, Technical Consultancy Organisations – TCOs)
6	PH02CGEN59	Programme Development and Extension	5	Implementation Of Programme In Community: Role of officials, non-officials, groups and agencies in programme building process for extension work. Factors responsible for successful conduct of a programme.
7	PH02EGEN51	Historic textiles and Costumes	6	Traditional costumes of other countries: Austria, Germany, Ghana, Japan, Korea, New Zealand, Nigeria, Philippines, Thailand