

Re-Accredited B++ 2.86 CGPA by NAAC

VEER NARMAD SOUTH GUJARAT UNIVERSITY

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

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-: પરિપત્ર :-

વિનયન વિદ્યાશાખા હેઠળની સંલગ્ન હોમસાયન્સ વિષયની તમામ કોલેજોનાં આચાર્યશ્રીઓને જણાવવાનું કે, NEP-2020 અંતર્ગત શૈક્ષણિક વર્ષ ૨૦૨૪-૨૫ થી અમલમાં આવનાર B.A.Home Science સેમેસ્ટર ૧ થી ૪ નો ચેરમેનશ્રી દ્વારા નિયુક્ત પેટાસમિતિ દ્વારા તૈયાર કરવામાં આવેલ અભ્યાસક્રમ હોમસાયન્સ વિષયની અભ્યાસ સમિતિના ચેરમેનશ્રીએ અભ્યાસ સમિતિવતી મંજૂર કરી વિનયન વિદ્યાશાખાને કરેલ ભલામણ વિનયન વિદ્યાશાખાના અધ્યક્ષશ્રીએ વિદ્યાશાખાની મંજૂરીની અપેક્ષાએ વિદ્યાશાખાવતી કાર્યકારી ડીનશ્રીએ મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ એકેડેમિક કાઉન્સિલની તા.૦૧/૦૩/૨૦૨૪ની સભાના ઠરાવ ક્રમાંક: ૧૦૪ અન્વયે માન.કુલપતિશ્રીને આપેલ સત્તા અંતર્ગત માનનીય કુલપતિશ્રી દ્વારા મંજૂર કરેલ છે. જેનો અમલ કરવા આથી જાણ કરવામાં આવે છે.

(બિડાણ: ઉપર મુજબ)

ક્રમાંક : એસ./હોમસાયન્સ /પરિપત્ર/૯૩૭૫/૨૦૨૪

તા.૨૯-૦૪-૨૦૨૪


કુલસચિવ

પ્રતિ,

- ૧) વિનયન વિદ્યાશાખા હેઠળની સંલગ્ન હોમસાયન્સ વિષયની તમામ કોલેજોનાં આચાર્યશ્રીઓ.
..... આપશ્રીની કોલેજના સંબંધિત શિક્ષકો/વિદ્યાર્થીઓને જાણ કરી અમલ કરવા સારું.
- ૨) અધ્યક્ષશ્રી, વિનયન વિદ્યાશાખા.
- ૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત,
.....તરફ જાણ તેમજ અમલ સારું.

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
F.Y.B.A.(HOME SCIENCE) SEMESTER-1
FUNDAMENTALS OF FOODS AND NUTRITION

(Major Subject) Home science: 1

Effective from- June 2023 -2024

Total credits-04

Theory-3 credits (3 periods/week)

Theory-External-35 Marks

Internal-35 Marks

Practical- 1 Credit (2 Periods/week)

Practical- External-15-Marks

Internal-15 Marks

FOCUS:- This course enables the students to understand the importance of Nutrition and using proper method of cooking in keeping good health.

OBJECTIVES:-

1. The course enables the students to understand the functions of food and the role of various nutrients and the effects of hypo and hyper intake.
2. To learn about the composition and nutritional contribution and selection of different food stuffs.
3. To be familiar with different methods of cooking, their advantages and disadvantages.
4. To develop the ability to improve the nutritional value of food.

COURSE CONTENT

THEORY

UNIT-1

- 1.1. Concept of nutrition
- 1.2. Definition of food, Diet, nutritional status and malnutrition
- 1.3. Signs of good and poor nutrition.

UNIT-2

- 2.1. Functions of food.
- 2.2. Basic Food Groups.
- 2.3. Balanced Diet

UNIT-3

Macro nutrients: Chemical composition, Classification, digestion, absorption, metabolism, sources, functions, RDA, hypo and hyper intake.

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Chairman, BOS

- 3.1. Carbohydrates
- 3.2. Protein
- 3.3. Fat

UNIT-4

- 4.1. Energy-fuel and energy, energy yielding food factors, the energy value of food, energy units, determination of energy value using Bomb Calorimeter, recommended allowances for calories
- 4.2. BMR, factors affecting BMR.
- 4.3. Basic terminology used in food preparation

(A) Peeling, scraping, cutting, grating, emulsification, homogenization, germination, fermentation

(B) Mixing terms: - Beating, blending, creaming, folding.

PRACTICALS: -

- 1. Controlling techniques; Weight and measures- Standard and household measures for raw foods.
- 2. Preparation and calculation of following nutrients
 - 1. Carbohydrates-----6 recipes
 - 2. Protein -----6 recipes
 - 3. Fat-----6 recipes
- 3. Preparation of recipes using following preparation methods:
 - 1. Germination -----1 recipe
 - 2. Fermentation-----1 recipe

MARKING SCHEME: -

Selection of dish	1.0 marks
Taste, texture, flavour, colour (2 marks each)	2.0 marks
Calculation	2.0 marks
Journal	2.0 marks
Vive Voce.....	5.0 marks
Attendance.....	3.0 marks

Total -15 marks

REFERENCES: -

- 1. F.P. Antia-Diet Therapy
- 2. Mudambi and Rajgopal-Fundamentals of Foods and Nutrition
- 3. M. Swaminathan-Food Science, Chemistry and Experimental Foods
- 4. Neelam Buddhdev, Bhavna Vaid-Human Nutrition

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5. R.Rajalaxmi- Prayukta poshan

6. Thangam Phillp-Modern Cookery

~~MS~~
chairman, AS (H-SC)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
F.Y.B.A.
SEMESTER-I
Major Course – 2
HOME SCIENCE
HOME MANAGEMENT
EFFECT FROM 2024-2025

Total Credit-4

Theory-3 Credits (3 Periods/week)

Practical- 1Credit (2-Periods/week)

Theory- External- 35Marks

Internal- 35 Marks

Practical- External-15-Marks

Internal- 15 Marks

Focus : This course deals with the management of resources in the family with particular reference to mobilizing all the resource for achieving the family goals ,imparts knowledge and understanding of construction of Household equipment, materials used, selection criteria, maintenance and care of electrical and non-electrical equipments.

OBJECTIVES :

1. To create awareness among the students about management in the family as well as the other systems.
2. To recognize the importance of wise uses of resources in order to achieve goals.
3. To makes students understand the principle underlying the operation, use and care of various household equipments and new trends in equipments in the market.
4. To enable students to recognize base materials finishes the construction of Household equipments.

COURSE CONTENT THEORY

UNIT-1 Introduction to Management

1:1 Variety of Meaning-Supervision / Supervisor, Leadership / Leader, Execute / Executive, organization / Organizer, Administration/ Administrator, Direction/Director, Control/Controller, Boss, Governor

1.2 Definitions of Management and Home Management From:- Dictionary point of view , By Henri



Foyel (Father of Modern Management), Mc Farland, Henri Sisk, Nickell and Dorsey, R.P. Kotzin, National Conference of family life sub-committee Report, Gross and Crandall, Traditional and Modern Concept of Management.

UNIT-2 Motivation in Management

2.1 Values

- (a) Definitions- Mid Marget, Dr. Radha Kamal Mukherjee, Nickell and Dorsey Etc,
- (b) Characteristics, Origin and Motivating Values, -Types of Values-By Parker, By Super, By Lindsey,
- (c) Factors affecting Values

2.2 Goals: Definitions, origin and Types of Goals, Long Term, Short Term, Means End, Related to Personal, Family, real, Group etc.

2.3 Standards: Meaning, Classification-As to context, fixedness and Quality.

UNIT-3 Resources and their Management in the Family

3.1 Resources: Definitions, Meaning and Classification

3.2 Family characteristics influencing management

- (A). Family :Introduction, Meaning, Definitions-Elliot and Merrill, Besong and Besong, Burges and Loke, Types of Family in India -On the basis of residence, Authority, Lineage Marriage, Succession, Number and structure, Advantages and Disadvantages of Joint and Nuclear Family
- (B) . Family Life Cycle

3.3 Decision making in Management

- (A) Meaning and Definitions- By Peter Drucker, By George R. Terry, By R.S. Davar, From Webster Dictionary
- (B) Steps in Decision Making
 - (i) Problem analysis
 - Perception of the problem
 - Identification of the problem
 - Analysis
 - (ii) Search for alternatives
 - (iii) Evaluation of alternatives
 - (iv) Selection of the best solution
 - (a) Risk involved, Economy, Timing, Limitation, Implementation of decision -
 - (b) Feed back of Decision
 - (c) Types of Decision: Major and Minor, Programmed and Non Programmed Routine and Basic, Personal and Group, Methods of taking Group Decisions

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UNIT-4 Materials used for household equipment

4.1 Base Materials, Iron, Aluminum, Steel, Copper, Brass, Glass, Borosilicate, Soda lime, Silica, Plastic, etc.

4.2 Finished- Mechanical and Applied Finishes

PRECTICAL

Learning the use and care of different Kitchen equipments


1. Refrigerator
2. Mixer, Grinder, Juicer, Slicer, Grater, Whipper, Kneader
3. Tea Kettle, Coffee Percolator / Tea-Coffee Maker
4. Tandoor-Electric
5. Non Electrical
6. Oven-Electric
7. Microwave

MARKING SCHEME

1st Q Attendance class work journal	04 Marks
2nd Q Vice voce -Figure of the equipment, Construction of the equipment, Viva	06 Marks
3rd Q lab work -Use of the equipment	05 Marks
Total	15 marks

REFERENCES:

1. Atkinson, Jacqueline: Better Time Management, Indus, New Delhi
2. Bharathi and Jacintha: Family Resource Management, Discovery Publishing House, Delhi.
3. Dr. Saksena S.C: Business Administration and Management, Sahita Bhawan Agra.
4. Fontana D: Managing time, Excel Books, New Delhi.
5. Gross, Crandall: Management for Modern Families, Appletion Century Crofts Inc.
6. Nickel and Dorsey: Management in Family Living, Wiley Eastern Ltd. New Delhi.
7. Singh P.N.: Developing and Managing Human Resources Suchendra Publication, Bombay
8. Swanson V.: Introduction to Home Management, Coller, Mac Millan Publisher, London.


(Signature)
Chairman, BOS (Hr.)

NEW EDUCATION POLICY 2020
BA Program Course Structure under NEP 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A SEMESTER- I
Minor Course
FASHION DESIGNING
Effective from- June 2024-2025

Total credits- 04

Theory- 3 Credits (3 Periods/week)

Theory- External-25 Marks

Internal-25 Marks

Practical- 1 Credit (2 Periods/week)

Practical- External-25-Marks

Internal-25 Marks

FOCUS:- This subject throws focus on making students aware of changing fashion trends and keep them informed about basics of fashions and to learn basic techniques of clothing construction.

OBJECTIVES:-

- 1 To make students aware of new trends in fashion.
- 2 To impart knowledge and skill in the basic sewing techniques of clothing Construction.
- 3 To give primary knowledge about textile fibers used in fashion designing.

COURSE CONTENT:-

THEORY

UNIT-1

- 1:1 History, Scope and importance of clothing
- 1:2 Fashion: Introduction to Fashion-Definition & History.
- 1.3 Fashion: Terminology, Fashion cycle
- 1.4 Role of a Designer
- 1.5 Leading Fashion centers and designers

UNIT-2 Tools used for clothing construction – their construction, figure, use, Cleaning and care.

- 2:1 Tools for marking.
- 2:2 Tools for cutting.
- 2:3 Tools for drafting.
- 2:4 Tools for sewing.
- 2:5 Tools for finishing.

UNIT- 3.1 Introduction to textile fiber

- 3.1 What are textiles?
- 3.2 Textile fibers (i) Filaments (ii) Staple fibers
- 3.3 Foundation of Fabrics

(PTO)



3.4 Classification of Textile fibers

3.5 Brief introduction of major fibers (Cotton, Linen, Wool, Silk, Rayon, Acrylic, Jute, Nylon, Polyester)

3.6 Identification of fibers by Physical test

(i) Appearance test (ii) Feeling test

UNIT- 4.1 Types of measurements

4.2 Knowledge of standard measuring points and taking body measurements for all types of garments.

THEORY MARKING SCHEME:-3 Credit (Total mark 25 & 1:00 Hour)

Theory :-	Internal 25
	External 25

	Total 50

University marking style Total 25

(1) short answer (5 out of 7) 10

(2) Long question 15

OR

(2) (a) 07

(b) 06

OR

(2) Write short note

(a) 05

(b) 05

(c) 05

Total 25

Internal marking style Theory (25 Mark)

(1) class assignment 03

(2) home assignment 03

(3) Attendance 04

(4) internal class test 15

Total 25

PRACTICALS:-

1 Study of sewing machine, its parts, use, cleaning and care.

2 Machine faults and ways to rectify them.

3 Basic construction techniques:- (Make samples)

(A) Hand stitches:-

(a) Basting (even and uneven),

(b) Back stitch,

(c) hemming,

(d) lock stitch.



(B) Seams:-

- (a) Plain seam (b) French seam
(c) Flat fell seam (d) lapped seam

(C) Darts:-

- (a) French dart (b) Fish dart

(D) Gathers:-

- (a) Gathers by hand (b) Gathers by machine (c) Ruffles

(E) Pleats:-

- (a) Knife pleats (b) Combination pleats
(c) Box pleats (d) Inverted pleats
(e) Controlled pleats

(F) Tucks:-

- (a) Pin tucks (b) Scallop tucks (c) Blind tucks
(d) Diamond tucks (e) Cross tucks (f) Corded tucks


(G) Application of basic sewing techniques - Stitching an Apron

PRACTICAL MARKING SCHEME:-

1st Q Attendance class work journal	05 marks
2nd Q Vice voce (A/B/C/) (Two samples)	10 marks
3rd Q lab work (D/E/F) (Two samples)	10 marks
Total	25 marks

REFERENCES:-

1. Reena Bhatia & Charu Arora- Introduction to Clothing and Textiles.
2. Neelima, Fashion and Textile Design, Sonali publications, 2009, New Delhi- 110002
3. Pramila Varma- Vastra vigyaan evam paridhan (Hindi)
4. Raul Jewel- Encyclopaedia of dress making, A.P.H. Publishing Corporation, New Delhi
5. Jacob Anna Thomas, The Art of Sewing, UBS Publishers and Distributors Ltd, New Delhi, 1993.
6. Veena Samani, Hina Sanvat, Malini Pathak, Dress Designing, Pravin Pustak Rajkot (Gujarati)
7. Dr. Nidhi Shrivastav, Paridhan evam Silaaee, Ritu Publications, Jaipur (Hindi)
8. व्यवहारिक वस्त्र विज्ञान:- गीता पुष्पा शा जॉयस शीला शा विनोद पुस्तक मंदिर आगरा
९. वस्त्र विज्ञान एवं परिधान बृन्दासिंह पंचशील पब्लिकेशन


Chairman, BSS (A-20)

NEW EDUCATION POLICY 2020

VEER NARMAD SOUTH GUJRAT UNIVERSITY, SURAT

B.A. SEMESTER-I

HOME SCIENCE EXTENSION EDUCATION

(Multi-Disciplinary course)

EFFECTIVE FROM 2024-2025

Total Credits – 04

Theory- External – 35 Marks

Internal- 35 Marks

Theory – 3 Credits (3 Periods/week)

Practical External -15 Marks

Practical:-1 Credits (2 Periods/Week)

Internal – 15 Marks

FOCUS : To bring awareness in students about extension education and role teaching methods in extension education

OBJECTIVES :

To enable the students to -

Understand the principles, philosophy and objectives of extension
To develop awareness of the values of teaching aids in the teaching learning process

COURSE CONTENT:

THEORY :

UNIT-1 Introduction to Extension Education

- 1.1 Definitions of Extension Education
- 1.2 Objectives of Extension Education
- 1.3 Characteristics of Extension Education
- 1.4 Scope of Extension Education

UNIT-2 Principles of Extension Education.

- 2.1 Principle of Interest and needs
- 2.2 Principle of Cultural and differences


C.R. (14/10)

- 2.3 Principle of Cultural changes
- 2.4 Principle of Cooperation and participation
- 2.5 Principle of Applied Science and democratic approach
- 2.6 Principle of Learning by doing
- 2.7 Principle of Trained specialist
- 2.8 Principle of Leadership
- 2.9 Principle of Satisfaction
- 2.10 Principle of family well being

UNIT-3 Need and Significance of vocationalization of home science Extension Education

3.1 Reasons for vocationalization of home science extension education.

3.2 Job Opportunities for home science extension education.

3.3 Self employment for home science extension education.

UNIT- 4 Teaching Aids

4.1 classification of teaching aids.

4.2 Edgar Dale-"Cone of Experience"

4.3 General principles in selecting & using following teaching aids and advantages and limitations of following teaching aids.

(1) Poster

(2) Charts

(3) Graphs

(4) Diagrams

REFERENCES:

1. Dr. Hemant Khandari, Prof. Kalika Yadav 2011 "Extension Education" APH. Publishing Corporation, New Delhi - 110002
2. S.V. Supe, "Extension Education" R.Singh Science Publishers Nagpur, 1973
3. Devdas Rajamal P. Methods of Teaching Home science NCERT, New Delhi 1977.
4. "प्रसार शिक्षा" गीता पुष्प शॉ, ज्योत्स शीला शॉ, रॉबिन शॉ पुष्प
5. O.P Dhama, O.P Bhatnagar Education and Communication for Development.


CNR (letter)

PRACTICALS

Methods & Principles in Preparing and using the following teaching aids.

1) Poster prepare poster to spread awareness among people on social issues.(only one)

2) Charts prepare following charts for non formal education.

- Tree chart
- Organization chart
- Picture chart

1) Graphs prepare following graphs for nutrition.

- Pie graph
- Line graph
- Bar graph

2) Diagrams

- Scientific diagram
- Machine diagram
- Schematic diagram

MARKING SCHEME:-

Q-1 Preparing of teaching aid (From practical-1&2)	03 mark
Q-2 Preparing of teaching aid (From practical-3&4)	03 mark
Class Work	05 mark
Journal	04 mark

Total- 15 marks

University Paper Style:

(1) Short Question	(Any 5 out of 6)-05 Marks
(2) General Question	(Any 1 out of 2)-10 Marks
(3) General Question	(Any 1 out of 2)-10 Marks
(4) Short Notes	(Any 2 out of 4)-10 Marks

Total- 35 Marks

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2021/2022

Mark Distribution: Theory:-

Class Assignment- 05 marks

Home Assignment- 05 marks

Attendance- 05 marks

Class Test- 20 marks

Total -35 marks

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(CORRECT)
Chairman, B.S. (H.C.)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B. A SEMESTER – I
HOME SCIENCE - SEC
LIFE SPAN DEVELOPMENT
EFFECTIVE FROM JUNE – 2024-2025

Total Credits – 2
Theory – 2 (Periods/Week)

Theory External –25 Marks
Theory Internal –25 Marks

FOCUS: - This course covers the entire life span and traces the various development stages. It encompasses in scope development in-utero, infancy Up to adolescence identifying critical concerns in the socio-cultural perspectives.

OBJECTIVES: -

- 1) To become acquainted with development stages from birth to adolescence.
- 2) To develop awareness of important aspects of development during birth To adolescence.
- 3) To understand the issues faced and adjustments required at each stage.

NOTE:- For each of the following stages of development, the influence and Interaction of socio- cultural and environmental factors need to be discussed/ explained.

Unit: - 1

1.1 Growth and Development

- (1) Meaning of Growth and development
- (2) Factors influences Growth and development
- (3) Characteristics of Growth and development
- (4) Role of Maturation and learning in Growth and development
- (5) Factors associated with learning
- (6) Interaction of Maturation and learning

1.2 Brief information about characteristics / Mile stones

- (1) Neonate
- (2) Infant
- (3) Early childhood
- (4) Late childhood
- (5) Adolescence

(PTO)



1.3 Physical Growth and development During childhood

- (1) Meaning and importance
- (2) Order of Physical Growth
- (3) Nature of Physical Growth and Development
- (4) Disorders of Physical Development

1.4 Some common motor skills of childhood

Unit: - 2.1 Mental/Intellectual Development During childhood

- (1) Meaning of intelligence and its types
- (2) Importance of intellectual Development
- (3) Brief information about intelligence test, Mental age, Actual age and intelligence quotient
- (4) Development of intelligence
- (5) Factors affecting Intellectual Development

2.2 Emotional Development

- (1) Definition, Characteristics of child emotion
- (2) Emotional development during infancy, Childhood, Adolescence
- (3) Control of emotions

2.3 Social Development

- (1) Explain the words – Social behavior & Social Development
- (2) Pattern of Social Development: Stages of Social Development
 - (A) Pre Social behavior
 - (B) Starting of Social behavior
 - (C) Social Development during Infancy
 - (D) Social Development during childhood
 - (E) Gang life

THEORY MARKING SCHEME:-2 Credit (Total mark 25 & 1:00 Hour)

University marking style :-

Theory :-	Internal 25
	External 25

Total	50

University marking style (25 Mark)

- (1) Short answer (5 out of 7) 10
- (2) Long question 15

OR

- (2) (a) 07
- (b) 06

OR

- (2) Write short note

(a)	05
(b)	05
(c)	05
	Total 25

Internal marking style :- (25 Mark)

(1) Class assignment	03
(2) Home assignment	03
(3) Attendance	04
(4) Internal Class test	15
	Total 25

REFERENCES: -

1. Elizabeth B. Hurlock, Child Development, 6th edition, Tata McGrawhil.
2. B. Kuppaswami, A Textbook of Child behavior and Development, Vikas Publishing House, Pvt. Ltd.
3. Laura E. Burk, Child Development 8th edition, PHI LERNING Pvt. Ltd.
4. Berk, L. E. Child Development, New Delhi, Prentice Hall
5. Craig, G, Human Development, N. J. Prentice Hall.
6. Cole N. & Cole S.: The Development of Children, NY Freeman & Co.
7. Gardiner, H.W., Mutler, H.D.(1998): Lives Across Cultures, Boston, Allyn& Bacon.
8. Lerner, R.M. &Hultch, D.F.: Human Development: A life Span Perspective, NH :McGraw Hill.
9. Rice, F.P.(1965): Human Development: A Life Span Approach, NJ: PrenticeHall.
- 10 Santrock, J.W.(1997): Life Span Development NY: Brown&Bench Mark.

W. S. Chitambar
(CR Part 1)
Chairman, BOS (K-12)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
F.Y.B.A.(HOME SCIENCE) SEMESTER-2
APPLIED NUTRITION
(Major Subject) Home Science: 3
Effective from- June 2023 -2024

Total credits-04

Theory-3 credits (3 periods/week)

Theory-External-35 Marks

Internal-35 Marks

Practical- 1 Credit (2 Periods/week)

Practical- External-15-Marks

Internal-15 Marks

FOCUS:- This course focuses on the functions of foods and the role of various nutrients and the effect

Of hypo and hyper and composition and nutritional contribution and selection of different Food stuffs.

OBJECTIVES:-

1. The course enables the students to understand the functions of food and the role of various nutrient and the effects of hypo and hyper intake.
2. To learn about the composition and nutritional contribution and selection of different food stuffs.
3. To be familiar with different methods of cooking, their advantages and disadvantages.
4. To develop the ability to improve the nutritional value of food.

COURSE CONTENT

THEORY

UNIT-1 Micro Nutrient:- Vitamins

History, Classification, Sources, Functions, RDA, Effect of hypo and hyper intake of

- 1.1. Fat soluble vitamins A, D, E & K
- 1.2. Water soluble vitamins C and B Complex- B1, B2, B3, B6 & B12

UNIT-2 Micro Nutrients:- Minerals

Sources, Functions and effect of hypo & hyper intake of

- 2.1. Calcium, Phosphorus, Iron, Magnesium, Sodium, Potassium, Chloride, Fluoride, Iodine and Copper

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UNIT-3 WATER

- 3.1. Sources, Water balance and requirements, hypo & hyper intake
- 3.2. Functions of water

UNIT-4 METHODS OF FOOD PREPARATIONS

- 4.1. Boiling- Poaching
- 4.2. Pressure Cooking- Stewing
- 4.3. Brewing- Braising
- 4.4. Solar Cooking- Baking
- 4.5. Steaming- Roasting
- 4.6. Puffing

PRACTICALS: -

A. Preparation of recipes rich in

- 1. Vitamin A
- 2. Vitamin C
- 3. Vitamin B1
- 4. Vitamin B2
- 5. Vitamin B3
- 6. Calcium
- 7. Phosphorus
- 8. Iron

B. Preparing recipes using different methods of cooking

- 1. Boiling
- 2. Pressure cooking
- 3. Steaming
- 4. Baking
- 5. Frying- Deep & Shallow

MARKING SCHEME: -

- 1. Selection of dish1.0 marks
- 2. Taste, texture, flavour, colour (2 marks each)2.0 marks
- 3. Calculation2.0 marks
- 4. Journal2.0 marks
- 5. Viva.....5.0 marks
- 6. Attendance.....3.0 marks

Total -15 marks

REFERENCES:

1. F.P. Antia-Diet Therapy
2. Mudambi and Rajgopal-Fundamentals of Foods and Nutrition
3. M. Swaminathan-Food Science, Chemistry and Experimental Foods
4. Neelam Buddhdev, Bhavna Vaid-Human Nutrition
5. R.Rajalaxmi- Prayukta poshan
6. Thangam Phillip-Modern Cookery

~~U. S. S.~~
C.M. S. S.
chairman, Bas (HSC)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A. SEMESTER-2
HOME SCIENCE-4
Major Course - 4
RESOURCES MANAGEMENT
EFFECT FROM 2024-2025

Total Credit-4

Theory-3 Credits (3 Periods/week)

Theory- External- 35Marks

Internal- 35 Marks

Practical- 1Credit (2-Periods/week)

Practical- External- 15 Marks

Internal- 15 Marks

FOCUS :

This Course deals with the management of resources in the family with particular reference to mobilizing all the resource for achieving the family goals. It also deals with the factors motivating management and management applied to specific resources.

OBJECTIVES :

- 1.To make the students aware about the management process used in the family as well as the other systems
2. To make students learn time and energy management
3. To make students aware of methods and techniques of work simplification
4. To impart knowledge about various insulating materials used in household equipments

UNIT-I Management Process

- 1.1 Definition and Meaning of Management
- 1.2 Development and importance of Management
- 1.3 Home Management as a mental Process
- 1.4 Steps involved in Management Process

1 Planning- Characteristics, Definition and Steps involved in Planning

2. Controlling-Definition and Steps involved in controlling-Implementation, checking, adjustment

3. Evaluation- Importance and types

UNIT-II

(A) Time Management Process

- 2.1. Meaning of time-Clock time, Psychological time, Biological Time, Time Cost
- 2.2 Planning of Time Management.-Family life cycle and demand of time, Time



used for activities, Rest period, Factors affecting time planning, Steps in making time plan

2.3. Controlling

2.4. Evaluation

(B)Energy Management Process

2.1. Plannig:

a) Family life cycle and demand of energy

b) Energy used for various activities

c) Fatigue-Types, Reasons (External and Internal) Measures to relieve fatigue

2.3 Controlling

2.4 Evaluation

UNIT-III Work Simplificatin

3.1 Defination,Factors determining the efficiency of the worker

3.2 Techniques to study method of workers and workplace

-Pathway chart

-Process chart

-Micro motion chart

3.3 Mundell's Classes of Change

a) Changes in hand and body motion

b) Changes in work and storage space and equipment

c) Changes in the stages of working method

d) Changes in raw materials

e) Changes in finished product

UNIT-IV HOUSE HOLD EQUIPMENTS

4.1 Insulating materials-Mica, Fiber Glass, Mineral Wool, Rock Wool, Cork, Plastic Foam, Rubber etc.

PRACTICALS

1. Toaster-Pop-up

2. Sandwich maker grill

3. Snack chef-waffles maker

4. Ele.Rice Cooker

5. Ele.Multi Steam cooker

6. Hot Plate and cooking range
7. Vacuum Cleaner.

MARKING SCHEME

1st Q Attendance class work journal	04 Marks
2nd Q Vice voce -Figure of the equipment, Construction of the equipment, Viva	06 Marks
3rd Q lab work -Use of the equipment	05 Marks
Total	15 marks

REFERENCES:

1. Atkinson, Jacqueline: Better Time Management, Indus, New Delhi
2. Bharathi and Jacintha: Family Resoruce Management, Discovery Publishing House, Delhi
3. Dr.Saksena S.C: Business Administration and Management, Sahitya Bhawan, Agra.
4. Fontana D: Managing time, Excel Books, New Delhi.
5. Gross, Crandall: Management for Modern Families, Appletion Century Crofts Inc.
6. Nickel and Dorsey: Management in Family Living, Wiley Eastern Ltd. New Delhi
7. Singh P.N.: Developing and Managing Human Resources Suchandra Publication, Bombay.
8. Swanson V. Introduction to Home Management, Coller, Mac Millan Publisher, London
9. Ehrenkantz f. and Lydia I. Equipment in the home, Harper and Row Publication
10. Peet and Thye : Household Equipment – John Wiley and Sons
11. Vargese M.A : Household Equipments Mannual S.N.D.T.Uni, Mumbai
12. K.Nath : Elecrrical Appliances, Hind Pocket Books, Delhi
13. K.K.Bali : Home Appliances, Orient Paperbacks, Delhi

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 (NR Patel)
 chair man, Bar (HSC)

NEW EDUCATION POLICY 2020
BA Program Course Structure under NEP 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A SEMESTER- II
Minor Course
Traditional & Modern Embroidery
Effective from- June 2024-2025

Total credits- 04

Theory- 3 Credits (3 Periods/week)

Practical- 1 Credit (2 Periods/week)

Theory- External-25 Marks

Internal-25 Marks

Practical- External-25-Marks

Internal-25 Marks

FOCUS:-

Introduction to Rich Heritage of Traditional & Modern Embroideries of India.

UNIT- I Traditional Embroideries of India

- 1 Phulkari of panjab
- 2 Chikankari of Lucknow
- 3 Kashmiri Kasida of kashmir

UNIT- II Traditional Embroideries of India

- 1 Kantha Embroiderie of Bengal
- 2 Kutch and Kathiawar of Gujarat
- 3 Chambarumal of Himachal

UNIT- III Traditional Embroideries of India

1. Kasuti of Karnataka
2. Manipuri Embroideries
3. Handcraft Embroideries:- Assam, Pathan, Todabharat

UNIT- IV Modern embroidery

- 1 Satin stitch
- 2 Long and short stitch
- 3 Fishbone stitch
- 4 Feather stitch

THEORY MARKING SCHEME:-3 Credit (Total mark 25 & 1:00 Hour)

Theory :-

Internal 25

External 25

Total 50

(PTO)


(N. K. Patel)

University marking style
(1) short answer (5 out of 7) 10

(2) Long question 15

OR

(2) (a) 07
(b) 06

OR

(2) Write short note

(a) 05
(b) 05
(c) 05

Total 25

Internal marking style Theory (25 Mark)

(1) class assignment 03
(2) home assignment 03
(3) Attendance 04
(4) Internal class test 15

Total 25

PRACTICALS:-

(A) Traditional embroideries

- 1 Phulkari
- 2 Kantha
- 3 Chikankari
- 4 Kashmiri Kasida
- 5 Kanbi and open chain stitch embroidery of Kutch
- 6 Mirror work, and Applique work of Kathiawar.
- 7 Kasuti
8. Gold and silver work (zardoshi)

(B) Modern embroidery

- 1 Satin stitch
- 2 Long and short stitch
- 3 Fishbone stitch
- 4 Feather stitch


PRACTICAL MARKING SCHEME:-

1st Q Attendance class work journal	05 marks
2nd Q Vice voce (Pre.A) (One samples)	10 marks
3rd Q lab work (Pre.B) (One samples)	10 marks
Total	25 marks

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REFERENCES:-

- 1 .Reena Bhatia & Charu Arora- Introduction to Clothing and Textiles.
2. Neelima, Fashion and Textile Design, Sonali publications, 2009,
New Delhi- 110002
3. वस्त्र विज्ञान के सिद्धांत :- डॉक्टर रीना खनूजा अग्रवाल पब्लिकेशन
4. व्यवहारिक वस्त्र विज्ञान:- गीता पुष्पा शाह जॉयस जॉयस शीला शा :-
विनोद पुस्तक मंदिर आगरा
5. वस्त्र विज्ञान एवं परिधान बृन्दासिंह पंचशील पब्लिकेशन
6. वस्त्र विज्ञान एवं परिधान:- प्रमिला वर्मा
7. भारतीय कशीदाकारी:अमीता पटेल , अनीता पटेल (गुजराती)


Anita Patel
Chairman, Bal (HSC)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
F.Y.B.A.(HOME SCIENCE) SEMESTER-2
INTRODUCTION TO MEDICINAL PLANTS

(Minor Subject) Home Science : 2

Effective from- June 2023 -2024

Total credits-04

Theory-3 credits (3 periods/week)

Theory-External-25 Marks

Internal-25 Marks

Practical- 1 Credit (2 Periods/week)

Practical- External-25-Marks

Internal-25 Marks

FOCUS:- Use of plants and plant products is common practice in every household. They are used for various purpose. Quite a few spices and common plants are also used as medicine. In facts it is the heritage of India. This course aims to rekindle the interest of educated graduates into this period practice using available material at household or at the doorsteps.

COURSE CONTENT

THEORY

UNIT-1 Study of following plants for their medicinal uses:

1.1. Underground parts :

- A. Ashwagandha: Withania somnifera
- B. Licorice : Glycyrrhiza glabra
- C. Adu, Sunth : Zingiber officilis
- D. Haldi : Curcuma longa
- E. Shatavari : Asparagus racemosus
- F. Grlic : Allium sativum

1.2 Bark and Stem:

- A. Arjunchhal : Terminalia arjuna
- B. Saragavo : Moringa oleifera
- C. Taj: Cinnamon zilenicum
- D. Hadsakal: Cissus quandran gularis

UNIT-2 study of following plants for their medicinal uses:

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2.1. Leaves

- A. Arduci : *Justica adhatoda*
- B. Kumarpathu : *Aloe vera*
- C. Brahmi: *Centella asiatica*
- D. Tulsi : *Ocimum sanctum*
- E. Nagod : *Vinex negundo*
- F. Ankado : *Calotropis gigantea*
- G. Jasud : *Hibiscus rosasinensis*
- H. Marigold: *Calendula officinalis*
- I. Neem: *Azadiracta indica*

2.2. Fruits and seeds :

- A. Amla : *Emblica officinalis*
- B. Harde : *Terminalia chebula*
- C. Baheda : *Terminalia bellirica*
- D. Variali(Fenugreek) : *Foeniculum vulgare*

2.3. Panchag

- A. Bhangaro : *Eclipta alba*
- B. Bhoiringani : *Solanum xanthocarpum*

UNIT-3 Preparation of the following:

- 3.1. Churna
- 3.2. Mukhvaas
- 3.3. Kwath
- 3.4. Avaleha
- 3.5. Sharbat
- 3.6. Goolkand

UNIT-4 Diseases and uses of herbs: causes, sign & symptoms and uses of herbs in below diseases:

- 4.1. Diabetes
- 4.2. Anemia

PRACTICALS: -

1. Identification of medicinal plant parts mentioned in theory syllabus and their medicinal uses:

2. Preparation of the following:

A. Churna – Trifala (Harde, Baheda Amla)

Trikatu (Sunth, Mari, Pepper)

B. Mukhvas: Drakshadivati, Variali & Tal

C. Kwath : Method in general

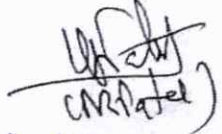
D. Avaleha: Chyavanprasha

E: Sharbat: Health drink –1. Aloevera , 2. Fennel

F. Goolkand: Rose

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CHRYSTAL

9. પરબીઆ અને પાઠક (2002), આપણી વન ઔષધી , માનવ વિકાસ સંસ્થાન, સુરત-395007
10. પરબીઆ, પરબીઆ અને શેઠ (2011) દાદીમાના નુસકા, સાહિત્ય સંગમ, સુરત.
11. નિઘટુ આદર્શ પૂવાઘ, બઘાલાલ ગ. વૈદ પ્રકાશક આત્માનંદ સરસ્વતી આર્યુવેદિક સહકારી ક્ષર્મસી લીમીટેડ , સુરત
12. વનસ્પતિ વૈભવ અને તેના કામના ઉપયોગ ડૉ.અર્યના ત્રિવેદી, ડૉ. વિષ્ણુ ત્રિવેદી , ગુજરાત પુસ્તકાલય સહાયક સહકાળી મંડળી લિ. મોતીભાઈ અમિન માર્ગ, સંસ્થા વસાહત, રાવપુરા, વડોદરા


(Co-ordinator)
Chairman, Bas (H.C.)

NEW EDUCATION POLICY 2020

VEER NARMAD SOUTH GUJRAT UNIVERSITY, SURAT

B.A. SEMESTER-II

Extension Teaching & Audio Visual aids (Theory)
(Skill Enhance Course)

EFFECTIVE FROM 2024-2025

Total Credits – 02

Theory- External – 25 Marks

Theory – 2 Credits (2 Periods/week)

Internal – 25 Marks

FOCUS : To bring awareness in students about extension education and role teaching
methods in extension education

OBJECTIVES :

To enable the students to -

Understand the principles, philosophy and objectives of extension

To develop awareness of the values of teaching aids in the teaching learning process

COURSE CONTENT:

THEORY :

UNIT-1 Teaching of Extension Education

1.1 Steps in Extension Teaching

1.2 Role of Extension Education in rural development

1.3 Difference between formal education and Extension Education

UNIT- 2 Methods of teaching Home Science.

2.1 Lecture Method

2.2 Discussion method

2.3 Practical Method


(N.R. Patil)

2.4 Assignment Method

2.5 Self-study Method

2.6 Seminar Method

2.7 Project Method.

REFERENCES:

- 1 "प्रसार शिक्षा" गीता पुष्प शॉ, जोयस शीला शॉ, रॉबिन शॉ पुष्प
- 2 O.P Dhama, O.P Bhatnagar Education and Communication for Development.

University Paper Style:

- | | |
|---------------------|---------------------------|
| 1) Short Question | (Any 5 out of 6)-05 Marks |
| 2) General Question | (Any 1 out of 2)-10 Marks |
| 3) Short Notes | (Any 2 out of 4)-10 Marks |

Total- 25 Marks

Mark Distribution: (1) Theory: Class Assignment- 03 marks

Home Assignment- 03 marks

Attendance- 04 marks

Class Test- 15 marks

Total -25 Marks

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New Education Policy 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY. SURAT
S.Y.BA SEMESTER-3
HOME SCIENCE -5
FAMILY MEAL PLANNING
Effective From June 2024-25

Total Credits: 4

Theory: 3 Periods/week

External: Theory: 35 Marks

Practical: 15 Marks

Practical: 2 Periods/Week

Internal: Theory: 35 Marks

Practical: 15 Marks

FOCUS:- This course focuses on meal planning for various age groups according to their nutritional needs

OBJECTIVES: -

This course will enable the students to,

1. Understand the concept of an adequate diet and the importance of meal planning
2. Know the factors affecting the nutritional needs during the life cycle and RDA for various age groups.
3. Gain knowledge about dietary management in common aliments of childhood

COURSE CONTENT

THEORY

UNIT –I Meal planning: -

- 1:1 Definitions and importance
- 1:2 Principles and factors to be considered in meal planning
- 1:3 Process of meal planning
- 1:4 Classification of activities based on occupation and food adequacy adequacy for adults

UNIT-II Planning balanced diet: -

- 2:1 Use of food groups in planning balanced diet, factors affecting it
- 2:2 Planning meals for normal man and woman
- 2:3 Points to be considered while planning meals for normal man and woman

UNIT-III

- 3:1 Nutrition during pregnancy
 - (i) Physiological changes
 - (ii) Complications
 - (iii) Nutritional requirement and meal planning
 - (iv) Point to be considered while meal planning
- 3:2 Nutrition during lactation
 - (i) Nutritional requirement and meal planning
 - (ii) Points to be considered while meal planning
 - (iii) Nutritional composition of mother's milk and comparison with other animals' milk
 - (iv) Factors affecting the composition and out of mother's milk -mother's diet, lactation period
- 3:3 Effects of malnutrition on nutritional status and methods to improve malnutrition

UNIT -IV

(A) Nutrition during infancy:

- 4:1 Growth and development
- 4:2 Nutritional requirement


(R. Patel)

- 4:3 Breast feeding - meaning and importance of colostrum, advantages
4:4 Weaning - meaning; introducing liquid, semi liquid and solid foods
(a) points to be considered while introducing weaning foods
4:5 Artificial feeding - circumstances under which it is to be given advantages and disadvantages of bottle feeding, care and sterilization of bottles, preparation of milk
4:6 Supplementary feeding-different supplementary foods for infants
(a) Points to be considered while introducing supplementary foods
(b) Low cost supplementary foods developed in India

(B) Childhood infectious diseases: -

- (i) Cold, cough, fever
- (ii) Measles and mumps
- (iii) Diarrhoea, vomiting, constipation
- (iv) Intestinal worms

PRACTICALS:

- (1) Calculation of nutrients present in different foods
- (2) Planning, preparing and calculating whole day's meal of-
 - (i) Sedentary worker (male / female)
 - (ii) Moderate worker (male / female)
 - (iii) Heavy worker (male / female)
 - (iv) Pregnant woman
 - (v) Lactating woman
- (3) Preparation of-
 - (i) Soya and peanut milk for infant
 - (ii) Different supplementary foods (two recipes')
- (4) A survey of different baby foods available in local market and study of their nutritive value.

MARKING SCHEME:

Selection of dish:	1 Marks
Preparation:	4 Marks
Planning:	3 Marks
Calculation:	2 Marks
Viva:	2 Marks
Journal:	3 Marks
Total Marks :-	15 Marks

REFERENCES:

1. Mudambi Sumati R. and Rajagopal M.V. (1990) Fundamentals of Foods and Nutrition, New Delhi : Wiley, Eastern Ltd.
2. Raheena M. Begum (1989) A text book of Foods Nutrition and Dietetics, New Delhi: Wiley Eastern Ltd.
3. Srilakshmi B. (1990) Dietetics, New age international (P) Ltd. , Wiely. Eastern Ltd
4. Gopalan C. Ramasastri B. and Balasubramanian S. (1993) Nutritive value of Indian foods, National Institute of Nutrition, Indian Council of Medical Research
5. Dr. Vrinda Singh, Meal Planning (Hindi version)

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Chairman, B.S.C.A.S.C.

NEW EDUCATION POLICY 2020
BA Program Course Structure under NEP 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
S.Y.B.A. SEMESTER- 3
Major Course HOME SCIENCE-CC-6
FAMILY CLOTHING
Effective from June 2024-2025

Total credits- 04

Theory- 3 Credits (3 Periods/week)

Practical- 1 Credit (2 Periods/week)

Theory- External- 35 Marks

Internal- 35 Marks

Practical- External- 15-Marks

Internal- 15 Marks

FOCUS:-

1. To develop the consciousness for clothing, its importance, safety, care and comfort.
2. To apart knowledge regarding selection of clothing.
3. To develop skills for garment constructor

OBJECTIVES:- To make the students learn about:-

- (1) Principles of pattern making and cutting.
- (2) Selection of proper clothing.
- (3) Different types of embellishment.
- (4) Taking care and storage of clothes made from different types of fabrics

COURSE CONTENT:-
THEORY

UNIT- I General principles of Pattern Cutting.

- 1.1 Pattern making- Drafting, Flat pattern, Draping.
- 1.2 Tools and equipments used for pattern making.
- 1.3 Marking on professional pattern.
- 1.4 Precautions while making the pattern.
- 1.5 Use of paper pattern.
- 1.6 Transferring the pattern marking to the fabric.
- 1.7 Different materials used for patterns.
- 1.8 Necessity and advantages of pattern making.
- 1.9 Types of pattern

UNIT- II

- 2.1 Points to be considered while buying clothes- budget, age, complexion, Season, residence, occasion, fashion etc.
- 2.2 Buying readymade garments-
Guide to judge good workmanship in readymade garments-
Types of fabric, cutting, stitching, finishing, comfort, hems, fitting, pockets, fastening, plackets, yokes, collars etc.
- 2.3 (i) Advantages and disadvantages of readymade, tailor made and home made garments.
(ii) Comparison between readymade, tailor made and home made garments.

(PTO)


(Signature)

UNIT-III

3.1 Apparel Embellishment

- (i) Structural Embellishment
- (ii) Functional Embellishment
- (iii) Aesthetic Embellishment

UNIT- IV

4.1 Renovation and mending of clothes

- (i) Patch:- Plain, printed, checks and lining.
- (ii) Darning.

4.2 Care and storage of clothes made from various fabrics.

THEORY MARKING SCHEME:-

Theory :-	Internal 35
	External 35
	Total 70

External Marking Style	(1) Short Question (5 out of 7) - 10	
	(2) Long Question	13
	OR	
	(2) Long Question	
	(a) One Question	07
	(b) One Question	06
	(3) long question	12
	(3) Long Question	
	OR	
	(a) One Question	06
(b) One Question	06	
	Total	35
Internal marking style	(1) Class assignment	05
	(2) Home assignment	05
	(3) Attendance	05
	(4) Class test	20
		Total

PRACTICALS:-

1 Taking correct body measurement for different types of garments, taking Measurement from stitched garments, average measurement

2 Make samples

- (i) Finishing Necklines- 'U' shape, 'V' shape, square and sweetheart
Using bias binding, bias facing and shaped facing
- (ii) Plackets
- (iii) Yokes
- (iv) smocking

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3 Construction of children's garments

- (i) Zabla
- (ii) Sunsuit
- (iii) Baby frock


PRACTICAL MARKING SCHEME:-

1st Q Attendance class work journal	04 marks
2nd Q Vice voce (one samples prac.no.2)	03 marks
3rd Q lab work Stitching any one garment(One samples)	04 marks
4 th Q class work	04 marks

Total 15 marks

REFERENCES:-

- 1 Reena Bhatia & Charu Arora- Introduction to Clothing and Textiles.
- 2 Neelima, Fashion and Textile Design, Sonali publications, 2009, New Delhi- 110002
- 3 Pramila Varma- Vastra vigyaan evam paridhan
- 4 Raul Jewel- Encyclopaedia of dress making
- 5 Jacob Anna Thomas, The Art of Sewing, UBS Publishers and Distributors Ltd., New Delhi, 1993.
- 6 Veena Samani, Hina Sanvat, Malini Pathak, Dress Designing, Pravin Pustak Bhandar, Rajkot (Gujarati)


Chairman, BOS (A-20)

NEW EDUCATION POLICY 2020
VEER NARMAD GUJARAT UNIVERSITY, SURAT
S. Y. B. A. SEMESTER- III
HOME SCIENCE- Major-7
ART AND CRAFT- I
Effective from 2024-2025

Total credits- 04

Theory- 3 periods/Week

Theory- 3 periods/Week

Practical- 2 Periods/Week

Theory External – 35

Internal -35

Practical- External- 15

Internal - 15

FOCUS: This is an Introductory course on foundation of Art and Design, it design elements

and principles of art and design in context of regional, traditional and contemporary art.

OBJECTIVES:

- 1. To understand the elements principles of design.**
- 2. To promote, group learning in study of art and craft.**
- 3. To develop skill in creating designs and making art objects.**
- 4. To appreciate art and craft.**

CORRSE CONTENT

THEORY

UNIT- I

1.1 Concept of Art, Craft and Design.

1.2 Difference between Art and Craft

UNIT- 2

2.1 Aims of Design

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2.2 Types of Design – Definition, Meaning, Types and requirement of good design, Study of utility articles as structural and decorative design.

UNIT- 3 Elements of Art and Design.

3.1 Primary elements

- (a) Point- (i) Definition (ii) Characteristics**
- (b) Line- (i) Definition, (ii) Characteristics, (iii) Effects (iv) uses of line
In architectur interior, nature, etc. (v) types – Straight and curvd
thin and thick**
- (c) Plane- Types**
- (d) Volume- Types**

UNIT- 4 Secondary elements

- (a) Space- Meaning, types**
- (b) Shape- Meaning, types**
- (c) Texture- Meaning, types- Transparent and opaque**
- (d) Form**
- (e) Light**
- (f) Colour**

PRACTICALS:

(1) Line :-

- 1. Road signs and symbols**
- 2. Facial expression**
- 3. Conventional symbols**
- 4. Mehandi with delicate lines – Horizontal, Vertical, Curved,
Standing etc.**


A handwritten signature in blue ink, possibly reading 'Arta', is written over a horizontal line.

5. Draw a design showing 3-D effect
6. Draw free- hand design showing rangoli patterns.
7. Nail and thread techniques, make a card
8. Origami- Paper folding, Make a card for small children's birthday

(2) Space:-

1. Produce 2 design on paper by using stencil and show positive and negative Spaces and manipulate various parts of the stencil to create two/three designs out of it.
2. Produce a design on paper by using a template which will be useful for Making greeting cards, invitation cards, Overlap the motifs to create interesting spaces.

(3) Texture:-

1. Collage making
 - (a) Cloth activity
 - (b) Wool activity
 - (c) Paper activity
2. Collect samples of each of the following types of texture:-
Transparent Opaque, Translucent, Hard, Soft, Medium and Rough.
3. Describe the textures of the following materials: Glass, Velvet
Cactus, Ice cream
4. Shape:- Positive and Negative

MARKING SCHEME:-

Q-1 Unit 1 to 2	05 marks
Q-2 Unit 3 to 4	04 marks
Class work	02 marks
Journal	04 marks

W.A.A.
(R/10/1)

Total

15 marks

REFERENCES:-

1. Anna Hong Rutt, Home Furnishing (Unit- I, II, III, IV)
2. Collingwood R.G., The Principles of Art, Oxford Unit, Press, London. (Unit-IV)
3. Craig and Rush, Homes with Character (Unit- I, II, III, IV)
4. Donald Anderson, Elements of Design (Unit- I, II)
5. Faulkner And Faulkner, Inside Today's Home (Unit- I, II, III, IV)
6. Garreston Frouz, Theory and Practical of color, studio Vista Publishers, London. (Unit- II)
7. Goldstein and Goldstein, Art in Everyday Life, McMilan CO. Ltd. (Unit- I, II, III, IV)
8. Grames M. The Art of Color and Design, McGraw Hill Co., New York (Unit- I, II, III, IV)

~~W. S. R. P. T. C.~~
chairman, B.S. (H.S.C.)

NEW EDUCATION POLICY 2020

VEER NARMAD SOUTH GUJRAT UNIVERSITY, SURAT

B.A. SEMESTER-3

SOCIAL WELFARE AND COMMUNITY DEVELOPMENT

(Multi-Disciplinary course)

EFFECTIVE FROM 2024-25

Theory:- External – 35 Marks

Total Credits – 04

Internal – 35 Marks

Theory – 3 Credits (3 Periods/week)

Practical :- External – 15 Marks

Practical- 1 Credits (2 Periods/week)

Internal – 15 Marks

OBJECTIVES:-

- 1 To develop an understanding of the meaning, goals and programme of Community development.
2. To develop the meaning, concept of social welfare.
3. Develop understanding about the various social welfare organizations Contributing to the perspectives of social work in India.
4. To develop their abilities in using various audio visual aids.

COURSE CONTENT:-

THEORY

UNIT-1 Community development programme.

- 1.1 Definitions of community development.
- 1.2 Essential elements of community development.
- 1.3 Aims of community development.
- 1.4 Types of community development programme.

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UNIT-2 Principles and Philosophy of community development programme.

2.1 Principles of Community development and community organization.

2.2 Philosophy of Community development programme.

UNIT-3 Organization set-up and Process of Community development Programme.

3.1 Organization set-up of community development programme.

3.2 Process of community development Programme.

UNIT-4 Social welfare.

4.1 Meaning and definition of social welfare.

4.2 Concept of Social welfare.

4.3 Early Welfare Organization

(a) Bramho samaj

(b) Prathana samaj

(c) Ramakrishnan mission

(d) Arya Samaj

4.4 Recent welfare organization

(a) Central Welfare Board

(b) State Welfare Board

(c) Council for advancement of people action and Rural Technology (CAPART)

(d) Khadi Village Industries Corporation. (KVIC)

(e) Taluka Panchayat

(f) District Panchayat


(NR/12)

4.5 International Welfare Organization.

- (a) WHO (World Health Organization)
- (b) UNICEF (United Nations International Children's Fund)
- (c) FAO (Food and Agricultural Organization)
- (d) CARE (Co-operative for American Relief Everywhere)

REFERENCE:

- 1 Dilip Agraval 'Samaj karya evam Jankalyan'
- 2 O.P.Dhama O.P.Bhatnagar Education and Communication for development.
- 3 V.K.Dube / Indiro Binshoi Extension Education & Communication.

PRACTICALS

Methods & Principles in Preparing and using the following teaching aids.

- 1) Flash Cards - Make flash cards on any theme related to health education.
- 2) Flannel graphs
- 3) Bulletin Board
- 4) Rod Puppet
- 5) Mobile

MARKING SCHEME:-

Q-1 Preparing of teaching aid (From practical-1&2)	03 marks
Q-2 Preparing of teaching aid (From practical-3&4)	03 marks
Class Work	05 marks
Journal	04 marks

Total 15 marks

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CARE (a)

University Paper Style: University Paper Style:

- | | |
|---------------------|---------------------------|
| 1) Short Question | (Any 5 out of 6)-05 Marks |
| 2) General Question | (Any 1 out of 2)-10 Marks |
| 3) General Question | (Any 1 out of 2)-10 Marks |
| 4) Short Notes | (Any 2 out of 4)-10 Marks |

Total- 35 Marks

Mark distribution: (1) Theory:- Class Assignment- 05 marks

Home Assignment- 05 marks

Attendance- 05 marks

Class Test- 20 marks

Total-35 Marks

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Chairman, BOS (H-sec)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A. (HOME SCIENCE) SEMESTER-III
Skill Enhancement Course
HUMAN PHYSIOLOGY
Effective From June 2024-25

Total Credits: 02

Theory: 2 Credit (2 Periods/week)

External: Theory: 25 Marks

Internal: Theory: 25 Marks

OBJECTIVES: -

This course will enable the students to,

1. To Understand structure and function of various organs of Physiological System of Human being.
2. Understand alterations of structure and function in various organs on Disease conditions.
3. To serve as a sound basis for the study of nutrition and food science.

COURSE CONTENT

THEORY

UNIT -I: -

Digestive System:

- (A) Anatomy and process of digestion.
- (B) Accessory digestive Glands: structure and function.

UNIT-II : -

Circulatory system:

- (A) Composition and function of blood.
- (B) Structure and function of Heart, Artery and Ven.
- (C) Coagulation of blood.

UNIT-III

Respiratory System:

- (A) Structure and function of respiratory organs.
- (B) Mechanism of respiration.

UNIT -IV

Excretory System

- (A) Structure and Function of organs of Urinary System- Kidney, Ureter and Urinary bladder.
- (B) Process of formation of Urine.
- (C) Skin-Structure and Functions.

UNIT -V

Nervous System

- (A) Brain-Structure and Functions.
- (B) Spinal cord- Structure and Functions.
- (C) Reflex Arch- Reflex Action.

UNIT -VI

Modern methods of diagnosis of diseases:

X-ray, Angiography, C. T. Scan, MRI, Sonography and Endoscopy.

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UNR/label)

REFERENCES:

1. Human physiology - C. C. Chatterjee.
2. Human Physiology-Wright
3. Essentials of Medical Physiology-K. Sembulingam, P. Sembulingam. Jaypee Brothers Medical Publisher (P) Ltd.
4. Manav sharerkarya vigyan tatha prathamik sutikashastra. (GUJ.) Dilip Mehta
5. Pranishastra- Gujarat Granthnirman board, Ahmedabad.
6. Manual of laboratory technique- National institute of Nutrition, Hydrabad.

~~Hydrabad~~
(Bhopal)
chairman, BOW (K-20)

New Education Policy 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
S.Y.BA SEMESTER-4
HOME SCIENCE - 8

Food planning & Health

Effective From June 2024-25

Total Credits: 4

Theory: 3 Periods/week

Practical: 2 Periods/Week

External: Theory: 35 Marks

Practical: 15 Marks

Internal: Theory: 35 Marks

Practical: 15 Marks

FOCUS:- This course throws focus on dietary management and concept and dimensions of health

OBJECTIVES: -

This course will enable the students to,

1. Understand the concept of an adequate diet and the importance of meal planning
2. Know the factors affecting the nutritional needs during the life cycle and RDA for various age groups.
3. Gain knowledge about dietary management in specific conditions

COURSE CONTENT

THEORY

UNIT –I Health: -

1:1 Concept of health

1:2 Dimensions of health (physical, mental, social, spiritual, emotional, and vocational)

UNIT-II Planning balanced diet: -

2:1 Nutrition for pre-school children

(i) Growth and development

(ii) Nutritional requirements

(iii) Nutrition related problems such as PEM, dental carries, anemia, obesity

(iv) Importance of balanced diet

2:2 Nutrition for school going children

(i) Growth and development

(ii) Nutritional requirements

(iii) Meal planning for school child and planning for packed lunch

(iv) Food choice and eating habits

(v) Importance of balanced diet

UNIT-III

3:1 Nutrition for adolescent boys and girls

(i) Growth and development

(ii) Nutritional requirements

(iii) Meal planning


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(iv) Nutritional problems such as obesity, eating disorders, predisposition to osteoporosis, anaemia, under nutrition

3:2 Nutrition for industrial workers

- (i) Nutritional requirements
- (ii) Causes of malnutrition
- (iii) Measures for improving malnutrition

UNIT -IV

4:1 Nutrition for athletes

- (i) Nutritional requirements
- (ii) Meal composition and effects of tea, coffee and alcohol on athletic performance.
- (iii) Meal planning for athletes

4:2 Nutrition during old age

- (i) Physical changes
- (ii) Nutritional needs
- (iii) Nutritional problems such as osteoporosis, obesity. Neurological dis functions, anemia, malnutrition, constipation

4:3 Nutrition in specific conditions

- (i) Obesity - definition, etiology, symptoms, risk factors and dietary treatment
- (ii) Under weight - definition, etiology, symptoms, risk factors and dietary treatment

PRACTICALS:

- (1) Calculation of nutrients present in different foods
- (2) Planning, preparing and calculating whole day's meal of-
 - (i) Pre-School children (1 to 3 and 4 to 6 years)
 - (ii) School going children (7 to 9 and 10 to 12 years)
 - (iii) Adolescent boys and girls
 - (iv) Obese person
 - (v) Underweight person
 - (vi) Industrial worker
 - (vii) Old age person
 - (viii) Athlete

MARKING SCHEME:

Selection of dish:	1 Marks
Preparation:	4 Marks
Planning:	3 Marks
Calculation:	2 Marks
Viva:	2 Marks
Journal:	3 Marks
Total Marks :-	15 Marks

REFERENCES:

- 1. Mudambi Sumati R. and Rajagopal M.V. (1990) Fundamentals of Foods and Nutrition, New Delhi : Wiley, Eastern Ltd.
- 2. Raheena M. Begum (1989) A text book of Foods Nutrition and Dietetics, New Delhi: Wiley Eastern Ltd.
- 3. Srilakshmi B. (1990) Dietetics, New age international (P) Ltd. , Wiely. Eastern Ltd
- 4. Gopalan C. Ramasastri B. and Balasubramanian S. (1993) Nutritive value of Indian foods, National Institute of Nutrition, Indian Council of Medical Research
- 5. Dr. Vrinda Singh, Meal Planning (Hindi version)

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Chairman, BSC (H.C.)

NEW EDUCATION POLICY 2020
BA Program Course Structure under NEP 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
S. Y. B.A. SEMESTER - 4
Major Course HOME SCIENCE- CC-09
HOUSEHOLD & TRADITIONAL TEXTILES
Effective from June 2024-2025

Theory- 3 Credits (3 Periods/week)

Theory- External- 35 Marks

Internal- 35 Marks

Practical- 1 Credit (2 Periods/week)

Practical- External- 15-Marks

Internal- 15 Marks

FOCUS:- This course throws focus on the importance of household textiles and their selection and care. Also impart knowledge about our Traditional textiles.

OBJECTIVES:

1. Introduction to Household textiles
2. Identify the special features in the traditional clothing
3. Examine the influences of traditional costumes to the change in clothing practices.
4. Study the present day costumes.

COURSE CONTENT

THEORY

UNIT-1 Introduction to Household textiles with relation to selection regarding texture, design, colour, Size, use, suitability, durability and care of the fabric

1.1 Table linen-

Table cloth and table cloth guard, table mats, runners, table napkins

1.2 Towels-

Manufacturing process, weaves design and sizes of different types of towels
Turkish towel, bath towel, beach towel, hand and face towel, kitchen towel,
Dish towel.

UNIT- II

2.1 Bed linen and blankets

Bed linen- Types and sizes -Bed sheets, bed spreads, bed covers,

2.2 Pillows and pillow covers

2.3 Blankets and quilts- Types and materials used.

Unit- III curtains and draperies

3.1 Selection of curtains and draperies

3.2 Types of curtains and draperies

UNIT- IV- Traditional textiles of India

4.1 Dyed and printed textiles of India

1 Kalamkari

2 Patola and Sambalpore sarees

(PTO)


N.R. Patel

- 3 Tie and dye of Gujarat and Rajasthan
- 4 Pochampalli and Telia rumal of Andhra Pradesh.
- 5 Ikats

4.2 Woven textiles of India

- 1 Brocades
- 2 Shawls of Kashmir
- 3 Muslins of Bengal
- 4 Chanderis and Baluchar Butedar
- 5 Paithani and Pitambar

THEORY MARKING SCHEME:-

Theory :-	Internal	35
	External	35
	Total	70
External Marking Style	Q.(1) Short Question (5 out of 7) -	10
	Q.(2) Long Question	13
	OR	
	Q.(2) Long Question	
	(a) One Question	07
	(b) One Question	06
	Q.(3) long question	12
	OR	
	Q.(3) Long Question	
	(a) One Question	06
	(b) One Question	06
	Total	35
Internal marking style	(1) Class assignment	05
	(2) Home assignment	05
	(3) Attendance	05
	(4) Class test	20
	Total	35

PRACTICALS:-

- 1 Application of embroidery:- on any one garment or any household article.
- 2 Make quilted sample:- any household article.
- 3 Make a sample of pillow using of different size, different shapes and different filling.
- 4 Make crochet sample:- any one.
- 5 Knitting samples:- 4 basic stitches, 4 decorative stitches.


PRACTICALS MARKING SCHEME:-

1st Q	Attendance class work journal	04 marks
2 nd Q	Vice voce (one samples From prac.no.1,2&3)	03 marks
3 rd Q	lab work (From Practical- 4 & 5) (One samples)	04 marks
4 th Q	Class work	04 marks
	Total	15 marks

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REFERENCES:-

1. Varma Pramila, vastra vigyan evam Paridhan
 2. Dr. Bela Bhargava, Vastra vigyan evam dhulai kala, University Book House Pvt. Ltd., Jaipur
 3. G.P. Sheri, Vastra vigyan ke mool siddhant, Aggrawal Publishers, Agra
 4. Brinda sinh, Vastra vigyan ke mool siddhant, Panchsheel prakashan, Jaipur
 5. Dr. Bimlesh Kumari, Vastra vigyan evam dhulai, Discovery Publishing House, New Delhi.
 6. Geeta Pushp Shaw and Joyce Sheela shaw, vyavaharik vastra vigyan, Vinod Pustak Mandir, Agra
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Chairman, Bas (H.S.C.)

NEW EDUCATION POLICY 2020
VEER NARMAD GUJARAT UNIVERSITY, SURAT
S. Y. B. A. SEMESTER- IV
HOME SCIENCE- Major-10
Foundation of Art & Design
Effective from 2023-2024

Total credits- 04

Theory- 3 periods/Week

Theory- 3 periods/Week

Practical- 2 Periods/Week

Theory External – 35

Internal -35

Practical- External- 15

Internal - 15

FOCUS: This is an Introductory course on foundation of Art and Design, it design elements

and principles of art and design in context of regional, traditional and contemporary art.

OBJECTIVES:

1. To understand the elements principles of design.
2. To promote, group learning in study of art and craft.
3. To develop skill in creating designs and making art objects.
4. To appreciate art and craft.

CORRSE CONTENT

THEORY

UNIT- I Colour

1:1 Classification of colour- Primary, Secondary, Intermediate, Tertiary and Quaternary


(CR/Artel)

1:2 Qualities of colour- Hue, Value, Intensity.

1:3 Colour Schemes- Related and Unrelated

UNIT- II Principles of Design – Harmony

2:1 Definition, Aspects of Harmony,

2:2 Types – Repetition, Contrast, Transition, Harmonious lines and shapes

2:3 Application to painting, to design, to hanging curtains, to arrangement to Interiors, Harmonious sizes.

2:4 Harmony of texture, Harmony of ideas, Application to exterior and Interior Design.

UNIT- III Principles of Design-

3:1 Proportion

(I) Definition, Aspects of Proportion

(II) Space relationships: the Greek Oblong how to divide a space- Lines which Apparently alter proportion, application to Exterior and Interior Design, Scale or consistence sizes.

3:2 Balance-

(I) Definition- How to balance objects-

(II) Types, Formal and informal balance, in pictorial composition Application to decorative design, to exterior design, to advertising interior design.

UNIT- 4 Principles of Design-

4:1 Emphasis-

(I) Definition, Simplicity-a Factor in emphasis what do emphasize Subordination and standard for backgrounds how to emphasize Grouping, use of colour contrast.

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~~CR/Atel~~

(II) Surface patterns, of plain space, unusual lines and colours, how much to Emphasize, application to displays, to advertising and to interior where to Emphasize- Centre of interest.

4:2 Rhythm-

(I) Definition- How to gain Rhythm – Through Progression of sizes, Continuous line Movement and Repetition.

(II) Application or rhythm to exterior and interior design, to displays and Advertisement.

PRACTICALS :-

1. Colour:-

(I) Prepare colour wheel with any medium- water colour, Poster colour, Oil paint, Paper, Cloth, or on computer

(II) Development of various tints and shades of the same hue using any medium or On Computer.

(III) Colour schemes – related and unrelated

(IV) Collect samples of locally available flower, leaves, trees, birds, grass, butterflies, Flowerbeds, landscape, cards, sun rise and set etc. Describe colour schemes with Variety of tints and shades and different moods (emotional aspect)

2. Proportion

(I) Enlargement, reduction and completion of design

(II) Concept of space division through gift wrapping with gift paper.

(III) Using proportion of 2:3 make flower arrangement- Stick flower vase and Draw And colour flower arrangement

3. Rhythm

(I) Draw any five design motifs. Observe and describe different types of rhythm in Each motif.

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C.R. Patel

(II) Collect any three designs from different states and describe rhythm seen in it

4. Harmony

(I) Lettering- Practice various fonts using gel pens, Calligraphy and stencils like Round Chancery, Old English, etc. (any -2)

(II) Expressive and decorative lettering

(III) Make colour harmony in flower arrangement, gift packing, painting, Rangoli etc.

(IV) Make journal covers using lettering, subject name, class, roll no, exam no. and Art Elements and Principles.

5. Balance

(I) Collect samples of dress designs / furnishings where types of balance are used.

(II) Decorate any one motif with colours and materials of your choice Briefly Describe psychological of formal and informal balance as visible to you in Completed motif.


MARKING SCHEME:-

Q-1 From practical 1 to 2	05 marks
Q-2 From Practical 3 to 5	04 marks
Class work (5 journal covers)	02 marks
Journal	04 marks
Total	15 marks

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REFERENCES:-

1. Anna Hong Rutt, Home Furnishing (Unit I, II, III, IV)
2. Collingwood R.G. The principles of Art, Oxford Univ. Press, London.
(Unit-IV)
3. Craig and Rush, Homes with Character (Unit I, II, III, IV)
4. Donald Anderson, Elements of Design (Unit I, II)
5. Faulkner and Faulkner, Inside Today's Home (Unit I, II, III, IV)
6. Garreston Frouz, Theory and Practice of color, Studio Vista Publishers
7. Goldstein and Goldstein, Art in Everyday life, McMillan Co. Ltd. (Unit I, II, III, IV)
8. Grames M., The Art of color and Design, McGraw Hill CO, New York
(Unit I, II, III, IV)


chairman, B.S (H.S.C.)

NEW EDUCATION POLICY 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A. SEMESTER – IV
Minor Course Home Science
HUMAN DEVELOPMENT CE 3
Effective from June 2024-2025

Total credits- 04
Theory- 3 Credits (3 Periods/week)
Practical- 1 Credit (2 Periods/week)

Theory- External- 25 Marks
Internal- 25 Marks
Practical- External- 25-Marks
Internal- 25 Marks

Objective:-

1. To learn about mother care before and after birth of child.
2. To develop understanding regarding development tasks of child at various stages of development.
3. To understand role of adult to promote child development.

UNIT:-1

- 1.1 Human Reproductive system: Male and Female :- Structural and functions of the reproductive organs ,structure of Ovum and Sperm, Menstrual cycle.
- 1.2 Bases of human development:- structural and types of chromosomes, genes , heredity-meaning and its interrelation, sex determination.
- 1.3 Antenatal / prenatal development of foetus:- Fertilization, Implantation, intrauterine development and growth of foetus , (basic information)

UNIT:-2

- 2.1 Diagnosis of pregnancy and medical examination of pregnant woman.
- 2.2 Antenatal care of mother.
- 2.3 Prenatal influences on the child :- Biological risks, age of mother, illness, physical characteristics, diet & nutrient stress & emotional strain.

UNIT:-3

- 3.1 Normal delivery : Basic information about stages of labour.
- 3.2 Care during delivery, immediate care of foetus and mother after child birth.
- 3.3 Normal puerperium and its management in brief.

UNIT:-4

- 4.1 Infancy : Sign of neonate health, care of neonate and infant.
- 4.2 Premature baby and its management.
- 4.3 Vaccination : importance and schedule of vaccination .
- 4.4 Family planning : Methods and importance.

(PTO)

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CR (Partel)

THEORY MARKING SCHEME:-

Theory :-

External 25

Internal 25

Total 50

External marking style

Q. 1 short answer (5 out of 7) - 10

Q. 2 long question - 15

OR

Q.2 Write following answers

(a) One Question 08

(b) One Question 07

OR

Q.2 Write following answers

(a) One Question 05

(b) One Question 05

(c) One Question 05

Total 25

Internal marking style

(1) Class assignment 03

(2) Home assignment 03

(3) Attendance 04

(4) Class test 15

Total 25

PRACTICALS

1) Study of female reproductive system using models/chart etc.

2) Study of male reproductive system using models/charts etc.

3) Measurement of body temperature.

4) Measurement of pulse rate and respiratory rate.

5) Study of Body Mass index (BMI).

6) Demonstration of uses of sphygmomanometer - manual or digital.

7) Visit to maternity home.

Practical Marking Scheme

1st Q Attendance class work journal 05 marks

2nd Q Vice voce To measure Body temperature/pulse rate / respiratory rate and viva 05 Marks

3rd Q lab work To demonstration of sphygmomanometer/to determine BMI 05 marks

4th Q Identify and describe pointed parts-Specimen No.1 to 5 10 marks

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REFERNECES:-

1. Text book of human physiology- C.C .Chattarji
 2. Child development – Elizabeth Hurlock
 3. Infancy and childhood development and its contexts-Newman& Newman john,Wiely.
 4. માનવશરીર વિજ્ઞાન તથા પ્રાથમિક સૂતિકાશાસ્ત્ર-દિલિપ પી. મેહતા
 5. A text book of Obstetrics- V.I.Bodyazhina, Mirpublication, Moscow.
 6. Where there is no doctor -A healthcare hand book by David Werner-(Gujarati version by Dr. KiranShinglot ,Locost Vadodra.
 6. Essential of medical physiology – K.Sembulingum& P. Sembulingum.
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~~Usha~~
(Usha)
Chairman, B.S. (H.S.G.)

NEW EDUCATION POLICY 2020
BA Program Course Structure under NEP 2020
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
B.A SEMESTER- IV
SEC Course
Consumer Studies
Effective from- June 2024-2025

Total credits- 02

Theory- 2 Credits (2 Periods/week)

Theory- External- 25 Marks
Internal- 25 Marks

Objectives:

1. Students will know & understand the problems of consumers in market.
2. Students will understand the rights & responsibilities of an enlightened consumer.
3. Students will know & understand consumer problems related to food adulteration, misleading advertisement, faulty weight & measures.

Unit 1.1 Consumer in India: Consumer problems and education

- Definition of a consumer
- Malpractices prevalent in the market
 - 1) Advertisement – Meaning and of advertisement, elements of marketing mix, characteristics of good advertisement.
 - 2) Labels – meaning, labels misleading to consumers, characteristics of good label
Electrical Equipments, tinned foods, drugs, cosmetics and fabrics
 - 3) Weights and measures
Importance, faulty weight and measures
 - 4) Quality / Certification marks
 - AG mark
 - ISI mark
 - ECO mark

Unit 1.2 Consumer Protection

- Consumer Protection
- Consumer Organizations – Origin, Functioning, Role and Types.
- Consumer Cooperatives – Role, History and Growth in India, PDS Kendriya Bhandars.
- Where and how to complain about customer fraud.
- Protection legislation
 - Drugs and Cosmetic's Act
 - ISI Act
 - PFA Act

(PTO)

(Signature)
UR Patel

- Essential Commodities Act
- The trade and Merchandise Act
- The Water Prevention and Control Pollution Act
- Prevention of Black-marketing Act
- The Air Prevention and Control Act
- The Environment Protection Act

Unit 2 Consumer's rights and responsibilities

(1) Consumer's rights

1. Right to Safety
2. Right to Satisfaction of basic needs
3. Right to be Informed
4. Right to Choose
5. Right to be heard
6. Right to Redress
7. Right to Consumer education

(2) Consumer's responsibilities

1. Responsibilities to be aware, think independent, speak out, complain, Ethical.

(3) Consumer's Problems

- Consumer Guidance Society
- Consumer Education and Research center, Ahmadabad

THEORY MARKING SCHEME:-2 Credit (Total mark 25 & 1:00 Hour)

Theory :-	Internal	25
	External	25

	Total	50

University marking style

(1) short answer (5 out of 7)	10
(2) Long question	15

OR

(2) (a)	07
(b)	06

OR

(2) Write short note

(a)	05
(b)	05
(c)	05
Total	25

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Internal marking style Theory (25 Mark)

(1) Class assignment	03
(2) Home assignment	03
(3) Attendance	04
(4) Internal Class test	15

Total 25

REFERENCES:-

1. Seetharaman P. and Sethi, M., 2001, **Consumerism: Strength and Tactics**, New Delhi: CBS Publishers
2. Foxall G.R.: **Consumer's Choice**
3. Singh Gurbax: **Law of Consumer Protection**
4. B. K. Bakhshi, **upbhokta arthashastra**, Agrawal Publications, Agra (Hindi)

~~W. S. S.~~
Chairman, B.S. (A.S.C.)