



હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી

NAAC B (2.21) State University

પો.બો.નં.-૨૧, યુનિવર્સિટી રોડ, પાટણ (ઉ.ગુ.) ૩૮૪૨૬૫

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પરિપત્ર નં.- ૬૬/૨૦૨૪

રાષ્ટ્રીય શિક્ષણ નીતિ-૨૦૨૦

વિષય: હોમ સાયન્સ વિદ્યાશાખા હેઠળના સ્નાતક કક્ષાના સેમેસ્ટર-૩ અને ૪ના શૈ.વર્ષ: ૨૦૨૪-૨૫ થી ક્રમશઃ અમલમાં આવતા અભ્યાસક્રમ / પરિક્ષા સ્કીમ અંગે.

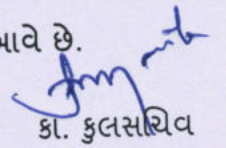
આ યુનિવર્સિટીની હોમ સાયન્સ વિદ્યાશાખા હેઠળની તમામ કોલેજોના આચાર્યશ્રીઓને જણાવવાનું કે, હોમ સાયન્સ વિદ્યાશાખાની તારીખ: ૨૫/૦૧/૨૦૨૪ના રોજ મળેલ સભાના નિર્દિષ્ટ ઠરાવોથી રાષ્ટ્રીય શિક્ષણ નીતિ-૨૦૨૦ અંતર્ગત UGCની Guideline મુજબ હોમ સાયન્સ વિદ્યાશાખા હેઠળના નીચેના સ્નાતક કક્ષાના સામેલ પરિશિષ્ટ પ્રમાણેના નવા અભ્યાસક્રમો મંજૂર કરવા કરેલ ભલામણ માન. કુલપતિશ્રીએ એકેડેમિક કાઉન્સિલવતી સ્વીકારી શૈક્ષણિક વર્ષ: ૨૦૨૪-૨૫થી ક્રમશઃ અમલમાં આવે તે રીતે મંજૂર કરેલ છે, જેનો અમલ કરવા સારૂ સંબંધિતોને આ સાથે મોકલવામાં આવે છે.

ક્રમ	અભ્યાસક્રમ	ઠરાવ ક્રમાંક	સેમેસ્ટર
૧	બી.એ. હોમ સાયન્સ	૨	સેમેસ્ટર- ૩ અને ૪
૨	બી.એસસી. હોમ સાયન્સ	૩	સેમેસ્ટર- ૩ અને ૪

સદર બાબતની જાણ આપના સ્તરે થી અધ્યાપકશ્રીઓ તથા વિદ્યાર્થીઓને કરવા વિનંતી છે.

નોંધ:(૧) વિદ્યાર્થીઓની જરૂરીયાત માટે પરિપત્રની એક નકલ કોલેજના / ડિપાર્ટમેન્ટના ગ્રંથાલયમાં મૂકવાની રહેશે.

(૨) આ પરિપત્ર યુનિવર્સિટીની વેબસાઇટ www.ngu.ac.in પર પણ ઉપલબ્ધ કરવામાં આવેલ છે. આથી સંબિધત કોલેજોને ડાઉનલોડ કરી ઉપયોગ કરવા સારૂ જણાવવામાં આવે છે.


કા. કુલસચિવ

બિડાણ: ઉપર મુજબ

નં-એકે/અ*સ/ ૬૬/૨૦૨૪

તારીખ: ૧૬/૦૫/૨૦૨૪

પ્રતિ,

૧. ડીનશ્રી, હોમ સાયન્સ વિદ્યાશાખા તરફ.
૨. હોમ સાયન્સ વિદ્યાશાખા હેઠળની કોલેજોના આચાર્યશ્રીઓ તરફ
૩. પરિક્ષા નિયામકશ્રી, હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી પાટણ.
૪. ગ્રંથપાલશ્રી, હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી પાટણ. (વિદ્યાર્થીઓના ઉપયોગ સારૂ રેકર્ડ ફાઇલ અર્થે)
૫. માન.કુલપતિશ્રી/કુલસચિવશ્રીનું કાર્યાલય હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી પાટણ.
૬. સિસ્ટમ એનાલીસ્ટશ્રી, કોમ્પ્યુટર (રીઝલ્ટ સેન્ટર) હેમ.ઉ.ગુ.યુનિવર્સિટી, પાટણ.(વેબસાઇટ પર મુકવા સારૂ)
૭. પ્રવેશ પ્ર-શાખા, હેમ.ઉ.ગુ.યુનિવર્સિટી, પાટણ
૮. મહેકમ શાખા, હેમ.ઉ.ગુ.યુનિવર્સિટી, પાટણ.(૨ નકલ)

HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN



NEP - 2020

**CURRICULUM AND CREDIT FRAMEWORK FOR UNDERGRADUATE
PROGRAMME**

B.A. HOMESCIENCE DEGREE

PROGRAMME

CODE - HOMUG101

HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN

(CURRICULUM AND CREDIT FRAMEWORK FOR UNDERGRADUATE PROGRAMMES (CCF-UG))

UNDER NATIONAL EDUCATION POLICY – 2020

CURRICULUM STRUCTURE

- **Programme Name-** B.A. Home Science (Semester – IV)
- **Programme Code -** HOMUG101
- 3 YEARS AND 4 YEARS DEGREE PROGRAMME
- EFFECTIVE FROM JUNE 2023- 2024 (UNDER NEP)

SEMESTER	MAJOR DISCIPLINE		MINOR DISCIPLINE	MULTI-DISCIPLINARY	ABILITY EN. COURES	VAC COURSE	SKILL ENHANCE COURSE	TOTAL CREDITS
4	HM23MJDSCBA401 NURSERY SCHOOL EDUCATION {4 CREDIT}		HM23MIDSC BA402 HUMAN PHYSIOLOGY	...NIL..	HM23AECBA 404 LANGUAGE (2 CREDIT)	HM23VACBA 405 AAYURVED AND NUTRITION (2 CREDIT)	HM23SECBA 406 BEAUTY CARE (only practical) (2 CREDIT)	22 CREDIT
	HM23PMJDSC BA401 PRACTICALS ON NURSERY SCHOOL EDUCATION (4 CREDIT)	HM23MJDSCB A401 A DRESS DESIGNING AND FASHION (4 CREDIT)						
TOTAL	(12CREDIT)		(4 CREDIT)		(2 CREDIT)	(2 CREDIT)	(2 CREDIT)	22 CREDIT

PROGRAMME NAME: B.A. HOMESCIENCE

(SEMESTER – IV)

PROGRAM CODE – HOMUG101

COURSE CODE: HM23MJDSCBA401

NURSERY SCHOOL EDUCATION

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

TOTAL CREDIT - 4 LECTURE/ WEEK =4		THEORY
	EXTERNAL MARKS	50
	INTERNAL MARKS	50
	TOTAL	100

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

By the end of the course the students will be able to.....

- 1) To develop awareness of the importance of nursery childhood education.
- 2) To develop understanding about teaching and learning process.
- 3) To develop skill for organizing various activities for children.

SR. NO.			CREDIT	HR.
1	UNIT-1	<p>1) Meaning and specific importance of nursery school education.</p> <p>2) Types of Nursery school education.</p> <p>a. Montessori Method</p> <p>b. Kinder garten Method</p> <p>c. Balwadi Method</p>	1	15
2	UNIT-2	<p>1) Planning and organizing an ideal nursery selection of space and location for building.</p> <p>2) Nursery School Equipment for children.</p> <p>3) Planning a daily, weekly programme for nursery school education.</p>	1	15
3	UNIT-3	<p>1) Duties and responsibility of nursery school teacher and staff.</p> <p>2) Maintenance of various records and registers.</p> <p>3) Role of pre-school and society for development of nursery school education.</p>	1	15
4	UNIT-4	<p>1) Importance of creativity for nursery school education.</p> <p>2) Activities in nursery school education center and its importance.</p> <p>3) Importance of sports, songs, story and toys in nursery school education.</p>	1	15

REFERENCE:

- 1) Balwadi vyavstha & Sanchalan By Pravin Prakashan, Rajkot
- 2) Montessori method By Gijjubhai Badheka.
- 3) Child Development By Dr. Vrunda Sinh
- 4) A Textbook of Child Behaviour & Development-3rd edition By B. Kappu swami
- 5) Elizabeth Herlock – Child development
- 6) Grewal J.S. Early Childhood education. National biological corporation Agra-1984
- 7) Evans E.D. Contemporancy influence in early childhood education.

PROGRAMME NAME: B.A. HOMESCIENCE

(SEMESTER – IV)

PROGRAM CODE – HOMUG101

COURSE CODE: HM23PMJDSCBA401

PRACTICALS ON NURSERY SCHOOL EDUCATION

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

TOTAL CREDIT - 4 PERIOD/WEEK - 8		PRACTICAL
	EXTERNAL MARKS	50
	INTERNAL MARKS	50
	Total	100

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

By the end of the course the students will be able to.....

- 1) To Focus on multidisciplinary integrated approach in curriculum planning leading to multi skill development and a good base for professional development.
- 2) To foster development of scientific temper and research orientation through the teaching-learning Process.
- 3) To Develop Entrepreneurship potential in students.
- 4) To inculcate social values promoting healthy environment and reaching out to the community.
- 5) To sensitize the students to the needs of infants and pre-school children.

- 6) To enhance skill of Planning and implementation of a developmentally appropriate early childhood programme.
- 7) To development skills for infant stimulation and pre-school teaching.
- 8) To Enhance skill of Planning and implementation of a developmental programmes for holistic development of children.
- 9) To development skill in handling differently abled children in early inclusive setups.
- 10) To Develop entrepreneurship potential in students.

SR. NO.			CREDIT	HR
1	UNIT -1	Prepare following things for nursery school children. 1) Song (Any Two) 2) Drawing (Any Two) 3) Play Things (Any Two) 4) To Prepare different charts. (Any Two)	1	30
2	UNIT-2	1) Prepare Blocks (Any Two) 2) Clay Work (Any Two) 3) Printing Work ---- Block, Vegetable, Finger 4) Puzzles	1	30
3	UNIT-3	1) Colour Filling in different picture (Any Two) 2) Prepare Stories for Children (Any Two) 3) Prepare Paperwork articles (Any Two) 4) Prepare masks (Any Two)	1	30
4	UNIT-4	1) Activity & Reading and writing 2) Festival Celebration (Any Two) 3) Making time table for balwadi. 4) Planning daily and weekly activities for nursery school.	1	30
(NOTE : IN PRACTICAL 1 CREDIT=2HOURS. SO, 15*2= 30 HOURS/ ONE UNIT. THEREFORE 30*4= 120 HOURS)				

REFERENCES :

- 1) Balwadiyvavstha&Sanchalan By PravinPrakashan, Rajkot
- 2) Montessori method By GijjubhaiBadheka.
- 3) Child development By Dr. VrundaSinh
- 4) A Textbook of Child Behaviour& Development-3rd edition By B. Kappu swami
- 5) Elizabeth Herlock – Child development
- 6) Grewal J.S. Early Childhood education. National biological corporation Agra-1984
- 7) Evans E.D. Contemperancy influence in early childhood education.

PROGRAMME NAME: B.A. HOMESCIENCE

(SEMESTER – IV)

PROGRAM CODE – HOMUG101

COURSE CODE: HM23MJDSCBA401 A

DRESS DESIGNING AND FASHION

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

TOTAL CREDIT - 4 PERIOD/ WEEK - 4		THEORY
	EXTERNAL MARKS	50
	INTERNAL MARKS	50
	Total	100

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

- 1) To strengthen the inner ability of our women
- 2) To encourage students to participate in community extension activities
- 3) Bring out the changes in knowledge, skills, attitude and practice
- 4) It provides knowledge and help to enable the people work more effectively and efficiently

SR. NO.			CREDIT	HR.
1	UNIT-1	1) Meaning, Objectives and Importance of Home-science Education 2) Present status of Home-science education 3) Challenges of Home-science education	1	15
2	UNIT-2	1) Meaning, Definition and Philosophy of Home-science extension education 2) Objectives of Home-science extension education 3) Role of Home-science extension education in solving the problem of poor health	1	15
3	UNIT-3	1) Effective educational process of Teaching and Learning 2) Basic steps of Teaching 3) Role and qualities of Home-science extension worker	1	15
4	UNIT-4	1) Meaning and objectives of community development 2) Types of community development 3) Needs of education in community development	1	15

REFERENCES :

- 1) Dress Designing By MaliniPathak, PravinPrakashan, Rajkot.
- 2) VastraVigyanaevamparidhan By Dr. BrindaSinh.
- 3) VastraVigyanaevamparidhan By G.P.Shairi.
- 4) Fundamental of Textile and its care By DurgaDeokar.
- 5) VastraVigyanaevamparidhanBypramilaVerma and Dr. BrindaSinh.

PROGRAMME NAME: B.A. HOMESCIENCE

(SEMESTER – IV)

PROGRAM CODE – HOMUG101

COURSE CODE: HM23MIDSCBA402

HUMAN PHYSIOLOGY

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

TOTAL CREDIT - 4 PERIOD/ WEEK - 4		THEORY
	EXTERNAL MARKS	50
	INTERNAL MARKS	50
	Total	100

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

By the end of the course the students will be able to.....

- 1) Have an enhanced knowledge and appreciation of mammalian Physiology.
- 2) Understand the functions of important physiological systems including the cardio respiratory, renal, reproductive and metabolic systems.
- 3) Understand how these separate systems interact to yield integrated physiological responses to challenges such as an exercise, fasting and a sent to high attitude and how they can sometimes fail.
- 4) To able to perform, analyses and report on experiments and observations in physiology.
- 5) To able to recognize and identify principle issue structure.

SR.NO.			CREDIT	HR
1	UNIT-1	1) General Anatomy of Human body 2) Digestive System. 3) Composition and functions & digestive juices. 4) Physiological anatomy of Stomach, pancreas, Liver, Gall-blader, Small Intestine, Large Intestine. 5) Gastrointestinal Hormones. 6) Digestion and absorption of CHO, Protein and Lipids.	1	15
2	Unit - 2	1) Study of cardio-vascular system. <ul style="list-style-type: none"> - Structure and functions of Heart. - Composition and functions of Blood. - Blood groups, Blood Volume and Coagulation or Blood and its Significance. 2) Study of Reproductive system. <ul style="list-style-type: none"> - Female reproductive system - Organs, Structure, Functions and Hormones of this cycle. - Male reproductive system. - Organs, Structure, Functions and Hormones of this cycle. 	1	15
3	UNIT - 3	1) Study of Respiratory system. <ul style="list-style-type: none"> - Its Introduction and composition and functions of its Organs. - Transportation of O₂ and CO₂ in the body. 2) Study of Excretory System. <ul style="list-style-type: none"> - Its Introduction and Composition and functions of urine related organs. - Composition of urine. - Body temperature and its regulations. 	1	15
4	UNIT - 4	1) Study or Endocrine glands, its structure, functions and hormonal regulation & Growth. <ul style="list-style-type: none"> - Pineal Gland - Pituitary Gland - Thyroid and parathyroid glands. - Thymus gland. - Adrenal Gland - Pancreas Gland - Ovary gland - Testis Gland 	1	15

REFERENCE

- 1) Textbook of Human Physiology By Dr. D.C.Chettergi
- 2) Textbook of Physiology By K.M. Bywar
- 3) Anatomy & Physiology for Nurses By Garden Seas and Study
- 4) Human body By best and Tylar
- 5) માનવશરીર રચના અને શરીરક્રિયા શાસ્ત્ર, ડો. હરિત આર. દેસાસરી યુનિ ગ્રંથનિર્માણ બોર્ડ
- 6) જીવવિજ્ઞાન-ભારત પ્રકાશન
- 7) માનવ શરીરક્રિયા વિજ્ઞાન-ડો. હર્ષદ મહેતા અને ડો. હરકિશન ગાંધી

PROGRAMME NAME: B.A. HOMESCIENCE

(SEMESTER – IV)

PROGRAM CODE – HOMUG101

COURSE CODE: HM23VACBA405

AAYURVED AND NUTRITION

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

TOTAL CREDIT - 2 PERIOD/ WEEK - 2		THEORY
	EXTERNAL MARKS	25
	INTERNAL MARKS	25
	TOTAL	50

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

By the end of the course the students will be able to.....

- 1) Awareness of traditional Food cultures of India.
- 2) Evaluate Changing Food Patterns and lifestyle over the years.
- 3) Understand Indian Knowledge system and key vedic principle with respect to food and nutrition.
- 4) Apply basic tenets of traditional diets for health and disease.
- 5) Prepare selected healthy recipes based on Aayurvedic principles.

SR.NO.			CREDIT	HR
1	UNIT-1	1) Nutrition according to authentic Ayurveda. 2) Principles of AayurvedicNutritiuon. 3) Father and Queen of Ayurveda. 4) Diet in Ayurveda context.	1	15
2	Unit - 2	1) Ayurvedic concept & Food & Nutrition and golden rules of Ayurveda. 2) Combining foods and flavors correctly. 3) The right diet for every type. 4) Time to day and its influence.	1	15
3	UNIT-3	1) Classification of food in Ayurveda. 2) Role of Ayurveda in nutrition. 3) Hoe to use Ayurveda in daily life 4) Six Pillars of Ayurveda. <ul style="list-style-type: none"> - Right food, right exercise, Right sleep - Breathing and stress management. - Cleansing - Self awareness/ Self reflection. 	1	15

REFERENCE:

- 1) <https://iksindia.org//:Indian knowledge systemucom.edu>
- 2) <https://digitalcmmons.lib>.
- 3) <https://www.betterhealth.vic.gov.in>
- 4) <https://www.yoganarthatduluth.com>
- 5) <https://boldoutline.in>
- 6) <https://www.ayurwakeip.com>
- 7) <https://www.healthline.com>
- 8) <https://www.ayurvedicproducts.co.in>
- 9) <https://somatherram.org>
- 10) <https://www.longdom.org>

**PROGRAMME NAME: B.A. HOMESCIENCE
(SEMESTER – IV)**

PROGRAM CODE – HOMUG101

COURSE CODE: HM23SECBA406

**BEAUTY CARE
(PRACTICAL)**

(EFFECTIVE FROM THE YEAR JUNE 2023-24 UNDER NEP)

		THEORY	PRACTICAL
TOTAL CREDIT - 2 PERIOD/ WEEK - 4	EXTERNAL MARKS	25
	INTERNAL MARKS	25
	TOTAL		50

PROGRAMME OUTCOME:

- 1) To improve status of family and community
- 2) To improve lifestyle of people
- 3) To improve health and social status of family

COURSE OUTCOME:

By the end of the course the students will be able to.....

- 1) To Provide Knowledge of the National Herbs & Plants and cosmetic.
- 2) To Understand the various Make-up Pattern.
- 3) To Identify the skin types & Hair Types for special treatment.
- 4) Start up her own franchise independently or Collaboration with others.

SR.NO			CREDIT	HR.
1	UNIT-1	1) Bleaching (Homemade) 2) Facial (Harbal) 3) Wax (Homemade) 4) Threding	1	30
2	UNIT-2	1) Hair cut (Any Three) 2) Hair Mask Preparation (Harbal) 3) Hair Straitning (with Equipment & Harbal) 4) Hair Style (Any Three)	1	30
3	UNIT-3	1) Manicure (Homemade) 2) Pedicure (Homemade) 3) Make-Up 4) Mehndi on Hand	1	30
(NOTE: IN PRACTICAL 1 CREDIT=2HOURS. SO,15*2=30 HOURS/ONE UNIT. THEREFORE 30*3= 90 HOURS)				

REFERENCE:

- 1) <https://pinterst.com>
- 2) <https://www.scribd.com>
- 3) <https://en.m.wikipedia.org>
- 4) <https://www.everydayherbalcare.com>
- 5) <https://www.nlm.nih.gov>
- 6) <https://www.sciencedirect.com>

B.A. Semester - IV

SKILL ENHANCEMENT COURSE (SEC)

(ONLY FOR HOME SCIENCE)

(Basket)

- भारतीयवास्तुविद्या
- Personality Development
- Basic Painting
- Wall Painting
- Beauty Therapy and Hair care
- Food Analysis & Quality Control
- Bakery Skill
- Matikam

B.A. Semester - IV

VALUE ADDED COURSE (IKS/VAC)

(Basket)

(ONLY FOR HOME SCIENCE)

- Human Rights – II
- Stress Management
- Computer Application
- Environment Studies
- Health & Wellness
- Aurved and Nutrition