



હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી

NAAC A (3.02) State University

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

ફોન:(૦૨૭૬૬) ૨૨૨૭૪૫, ૨૩૦૫૨૯, ૨૩૦૭૪૩, ૨૩૦૬૪૮

ફેક્સ : (૦૨૭૬૬) ૨૩૧૯૧૭

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પરિપત્ર ક્રમાંક — ૧૩૭/૨૦૧૮

વિષય:—(૧) પરિપત્ર ક્રમાંક: ૧૧૦/૨૦૧૮, તારીખ: ૩૧/૭/૨૦૧૮

(૨) હોમ સાયન્સ વિદ્યાશાખામાં અનુસ્નાતક કક્ષાના સેમસ્ટર—૩ થી સેમસ્ટર—૪ (રેગ્યુલર)ના નવા અભ્યાસક્રમ અંગે..

આ યુનિવર્સિટી સંલગ્ન શ્રીમતી એ.એસ. ચૌધરી આર્ટ્સ અને હોમ સાયન્સ કોલેજ, મહેસાણાના આચાર્યશ્રીનું ધ્યાન યુનિવર્સિટીના તા. ૩૧/૭/૨૦૧૮ના પરિપત્ર ક્રમાંક: ૧૧૦/૨૦૧૮ તરફ દોરતાં જણાવવાનું કે સદરહુ પરિપત્ર સાથે એમ.એસસી. હોમ સાયન્સનો અનુસ્નાતક કક્ષાનો સેમસ્ટર—૩ અને સેમસ્ટર—૪ (રેગ્યુલર) નો અભ્યાસક્રમ શરતચૂકથી બિડવાનો રહી ગયેલ છે. જે આ સાથે મોકલી આપવામાં આવે છે. એમ.એસ.સી. હોમસાયન્સનો સેમસ્ટર—૧ થી ૪ નો સદર અભ્યાસક્રમ એકેડેમિક કાઉન્સિલએ તેની તારીખ: ૦૫/૦૬/૨૦૧૮ની સભાના ઠરાવ ક્રમાંક: ૧૯ થી શૈક્ષણિક વર્ષ: ૨૦૧૮—૨૦ થી ક્રમશઃ અમલમાં આવે તે રીતે મંજૂર કરેલ છે જે આપની જાણ સારૂ.

આ બાબતની સંબંધિત અધ્યાપકો તથા વિદ્યાર્થીઓને આપના સ્તરેથી જાણ કરવા વિનંતી છે.

નોંધ : (૧) વિદ્યાર્થીઓની જરૂરિયાત માટે આ અભ્યાસક્રમની એક નકલ કોલેજના ગ્રંથાલયમાં મૂકવાની રહેશે.

(૨) આ અભ્યાસક્રમ યુનિવર્સિટીની વેબસાઈટ www.ngu.ac.in પર પણ ઉપલબ્ધ કરાવવામાં આવનાર છે.

બિડાણ: ઉપર મુજબ

સહી/—
કુલસચિવવતી

નં.—એકે/અ×સ/ ૪૨૬૮/૨૦૧૮

તારીખ: ૨૭/૦૮/૨૦૧૮

પ્રતિ,

૧. શ્રીમતી એ.એસ. ચૌધરી આર્ટ્સ અને હોમ સાયન્સ કોલેજ, સાર્વજનિક કેમ્પસ, મહેસાણા
૨. ડૉ. શ્રીધરભાઈ ડી. જોષી, (ડીન—હોમસાયન્સ વિદ્યાશાખા)મ્યુનિ.આર્ટ્સ એન્ડ અર્બન બેંક સાયન્સ કોલેજનાગલપુર હાઈવે, મહેસાણા. જિ.—મહેસાણા
૩. પરીક્ષા નિયામકશ્રી, હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ. (પાંચ નકલ)
૪. ગ્રંથપાલશ્રી, હેમ.ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ. (વિદ્યાર્થીઓના ઉપયોગ સારૂ રેકર્ડ ફાઈલ માટે)
૫. સિસ્ટમ એનાલીસ્ટશ્રી, કોમ્પ્યુટર (રીઝલ્ટ) સેન્ટર, હેમ.ઉ.ગુ.યુનિવર્સિટી, પાટણ. તરફ પરિણામ માટે તથા વેબસાઈટ પર મૂકવા સારૂ.
૬. માન.કુલપતિશ્રી/ કુલસચિવશ્રીનું કાર્યાલય, હેમ.ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ.
૭. અનુસ્નાતક પ્રશાખા (એકેડેમિક), હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ.
૮. મુખ્ય હિસાબી અધિકારીશ્રી (મહેકમ), હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ તરફ → પરિપત્રની ફાઈલ અર્થે
૯. સિલેક્ટ ફાઈલે— (૨ નકલ)



હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી

NAAC A (3.02) State University

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

ફોન:(૦૨૭૬૬) ૨૨૨૭૪૫, ૨૩૦૫૨૯, ૨૩૦૭૪૩, ૨૩૩૬૪૮

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પરિપત્ર ક્રમાંક — ૧૧૦ / ૨૦૧૮

વિષય:— હોમ સાયન્સ વિદ્યાશાખામાં અનુસ્નાતક કક્ષાના સેમસ્ટર-૧ થી સેમસ્ટર-૪ ના નવા અભ્યાસક્રમ અંગે..

આ યુનિવર્સિટી સંલગ્ન હોમ સાયન્સ કોલેજના આચાર્યશ્રીઓને જણાવવાનું કે, UGC ની Model Curriculum અંગેની Guideline સંદર્ભે નો એમ.એસસી. હોમ સાયન્સનો અનુસ્નાતક કક્ષાનો સેમસ્ટર-૧ થી સેમસ્ટર-૪ સુધીનો રેગ્યુલરનો સામેલ પરિશિષ્ટ મુજબનો નવો અભ્યાસક્રમ એકેડેમિક કાઉન્સિલએ તેની તારીખ: ૦૫/૦૬/૨૦૧૮ની સભાના ઠરાવ ક્રમાંક: ૧૯ થી **શૈક્ષણિક વર્ષ: ૨૦૧૮-૨૦ થી ક્રમશઃ અમલમાં આવે તે રીતે** મંજૂર કરેલ છે. જેનો અમલ કરવા સારૂ સંબંધિતોને આ સાથે મોકલવામાં આવે છે.

આ બાબતની સંબંધિત અધ્યાપકો તથા વિદ્યાર્થીઓને આપના સ્તરેથી જાણ કરવા વિનંતી છે.

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

(૨) આ અભ્યાસક્રમ યુનિવર્સિટીની વેબ સાઈટ www.ngu.ac.in પર પણ ઉપલબ્ધ કરાવવામાં આવનાર છે.

સહી/—

બિડાણ: ઉપર મુજબ

કુલસચિવવતી

નં.—એકે/અ×સ/૩૩૦૩/૨૦૧૮

તારીખ: ૩૧/૦૭/૨૦૧૮

પ્રતિ,

૧. સંલગ્ન હોમ સાયન્સ કોલેજના આચાર્યશ્રીઓ
૨. ડૉ. શ્રીધરભાઈ ડી. જોષી, (ડીન—હોમસાયન્સ વિદ્યાશાખા)મ્યુનિ.આર્ટ્સ એન્ડ અર્બન બેંક સાયન્સ કોલેજનાગલપુર હાઈવે, મહેસાણા.જિ.—મહેસાણા
૩. પરીક્ષા નિયામકશ્રી, હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ. (પાંચ નકલ)
૪. ગ્રંથપાલશ્રી, હેમ.ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ. (વિદ્યાર્થીઓના ઉપયોગ સારૂ રેકર્ડ ફાઈલ માટે)
૫. સિસ્ટમ એનાલીસ્ટશ્રી, કોમ્પ્યુટર (રીઝલ્ટ) સેન્ટર, હેમ.ઉ.ગુ.યુનિવર્સિટી, પાટણ. તરફ પરિણામ માટે તથા વેબસાઈટ પર મૂકવા સારૂ.
૬. માન.કુલપતિશ્રી/ કુલસચિવશ્રીનું કાર્યાલય, હેમ.ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ.
૭. અનુસ્નાતક પ્રશાખા (એકેડેમીક), હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ.
૮. મુખ્ય હિસાબી અધિકારીશ્રી (મહેકમ), હેમચંદ્રાચાર્ય ઉત્તર ગુજરાત યુનિવર્સિટી, પાટણ તરફ → પરિપત્રની ફાઈલ અર્થે
૯. સિલેક્ટ ફાઈલે— (૨ નકલ)

**HEMCHANDRACHARYA NORTH
GUJARAT UNIVERSITY, PATAN**

**SYLLABUS
OF
M.Sc. HOME SCIENCE**

1. CLOTHING & TEXTILE

2. HUMAN DEVELOPMENT

3. RESOURCE MANAGEMENT

(SEMESTER- SECOND)

JUNE- 2019

Conversion of Marks to Numerical Grade and Letter Grade
(Course Performance)

Sr. No.	% marks obtained	Numerical grade earned	Letter grade earned	Performance of the student
1	90-100	6.0 – 7.0	A+	Outstanding
2	80-89	5.0 – 5.9	A	Excellent
3	70-79	4.0 – 4.9	B+	Distinction
4	60-69	3.0 – 3.9	B	Very good
5	50-59	2.0 – 2.9	C+	Good
6	40-49	1.0 – 1.9	C	Satisfactory
7	00-39	0.0	F	Re-appear/fail
8	Absent	0.0	AAA	Absent

Credits distribution for M. Sc Home Science.

Sr. No	Courses	Total Credits
1	CORE 1.Inter disciplinary 2.Disciplinary	16 32
2	Elective	16
3	Research	12
4	Skill based (Soft Skill)	04
Total		80

Weightage of courses.

(% wise)

Sr.no	Courses	Weightage (%)
1	Core 1. Inter disciplinary 2. Disciplinary	20 40
2	Elective	20
3	Research	15
4	Skill based / Soft skill	5
Total		100.00

Paper style for Internal Examination.

Hourly test

:- Multiple choice Question	- 5 marks
:- Short Question	- 10 marks
:- Short notes / long Question	- 15 marks
Total	- 30 marks

Quiz

: - Filling the blanks	- 5 marks.
: - Short Question	- 5 marks.
Total	- 10 marks

Paper style for External / University Examination.

Objectives	: 30 % - Approximate 20 Marks
Short Questions	: 30 % - Approximate 20 Marks
Long Questions	: 40 % - Approximate 30 Marks
Total	- 70 marks

Internal Evaluation System

(Based on CIS)

(Continuous Internal Evaluation System)

Theory

2 hourly test of 30 marks will be held in each semester for all subject.

2 Quiz test of 10 mark will be held in each semester for all subject.

Semester / Assignment / Book review / Project work – 20 marks for all

Practical

Practical Examination of 50 marks will be held once in each courses.

Internal evaluation for Theory

Test	Marks
I st hourly	30
II nd hourly	30
I st Quiz	10
II nd Quiz	10
Seminar	10
Project work Or Book review Or Assignment	10
Total	100

* Out of 100 marks 30 % marks will be calculated as internal Evaluation.

Internal evaluation for practical.

Practical - 20

Journal - 05

Viva - 05

Total - 30

When calculating internal marks will be 50%.

SCHEME OF SUBJECT INSTRUCTOIN
June - 2018
M.Sc. (HOME SCIENCE-CLOTHING & TEXTILE)
SEMESTER-II

SUBJECT CODE	TITEL OF SUBJECTS	PAPER NO	CREDITS			HOURS / WEEK			THEORY EVALUATION			PRACTICAL EVALUATION			TOTAL
			THE	PRA	TOTAL	THE	PRA	TOTAL	INT	EXT	TOTAL	INT	EXT	TOTAL	
CC -4	Fabric Construction and Woven Fabric Analysis	HSCT(201)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -5	Historic Costume	HSCT(202)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -6	Advance Apparel Construction	HSCT(203)	3	1	4	3	2	5	30	70	100	15	35	50	150
ES -2	Textile Industry in India OR Current Trends Issues in Clothing & Textile	HSCT(204)	4	0	4	4	0	4	15	35	50	---	---	---	50
ID -2	Statistics & Computer Application	HSCT(205)	4	0	4	4	0	4	30	70	100	---	---	---	100
		TOTAL	17	3	20	17	6	23	105	245	350	45	105	150	500

SCHEME OF SUBJECT INSTRUCTOIN
June - 2018
M.Sc. (HOME SCIENCE- HUMAN DEVELOPMENT)
SEMESTER-II

SUBJECT CODE	TITEL OF SUBJECTS	PAPER NO	CREDITS			HOURS / WEEK			THEORY EVALUATION			PRACTICAL EVALUATION			TOTAL
			THE	PRA	TOTAL	THE	PRA	TOTAL	INT	EXT	TOTAL	INT	EXT	TOTAL	
CC -4	Adolescence Development Challenges	HSHD(201)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -5	Program Development for Vulnerable Families	HSHD(202)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -6	Development of Learning Materials and Children's Literature	HSHD(203)	3	1	4	3	2	5	30	70	100	15	35	50	150
ES -2	Advance in Family Studies OR Current trends and issues	HSHD(204)	4	0	4	4	0	4	15	35	50	---	---	---	50
ID -2	Statistics & Computer Application	HSHD (205)	4	0	4	4	0	4	15	35	50	---	---	---	100
		TOTAL	17	3	20	17	6	23	105	245	350	45	105	150	500

SCHEME OF SUBJECT INSTRUCTOIN
June - 2018
M.Sc. (HOME SCIENCE- RESOURCE MANAGEMENT)
SEMESTER-II

SUBJECT CODE	TITEL OF SUBJECTS	PAPER NO	CREDITS			HOURS / WEEK			THEORY EVALUATION			PRACTICAL EVALUATION			TOTAL
			THE	PRA	TOTAL	THE	PRA	TOTAL	INT	EXT	TOTAL	INT	EXT	TOTAL	
CC -4	Advance Interior Space Management	HSRM(201)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -5	Household Equipment	HSRM(202)	3	1	4	3	2	5	15	35	50	15	35	50	100
CC -6	Consumer Education & Redresal Mechanism	HSRM(203)	3	1	4	3	2	5	30	70	100	15	35	50	150
ES -2	Fuel Technology & Energy Management OR Current Trends & Issues in Resource Management	HSRM(204)	4	0	4	4	0	4	15	35	50	---	---	---	50
ID -2	Statistics & Computer Application	HSRM (205)	4	0	4	4	0	4	30	70	100	---	---	---	100
		TOTAL	17	3	20	17	6	23	105	245	350	45	105	150	500

FABRIC CONSTRUCTION AND WOVEN FABRIC ANALYSIS

Paper No HSCT (201) CC - 4

Credits – 3+1=4

SEM – II (M.Sc. C.T.)

Marks : 100

Objective

- To enable students to understand and learn methods of developing fabrics using different fibers, yarn and fabric making techniques.
- To gain knowledge and understanding of fundamentals of weaving machinery and processes.
- To analyse different weave patterns and learn principles of creating design through weaving.

Unit - 1

I Principles of Yarn Manufacture - Yarn processing:

for natural fibres cotton, wool and worsted, jute, linen by conventional and nonconventional systems -

a) OE Spinning - Rotar, Vortex, Friction, Airjet electrostatic, Twisters

(Bobbtex ,Cover, Signaal, twilo)

(b) Self -Twisting

(c) Yarn from Fibres

- Yarn Nomenclature and Measurement yarn numbering systems.

- Geometry of yarns and its relationship to fabric properties.

Unit - II

Principles of spinning in production of man-made fibre: - Hot and cold drawing, spun yarn, bi-constituent and bi-component yarn. Blending: principles, types & technology

Modern development in yarns and at their manufacture.

Fabric Faults - yarn and fabric defects and their remedies.

Principles of fabric manufacture basic principles, characteristics and significances of different process woven knitted, non woven, laces, braids etc.

Unit - III

- Fabric by Weaving

(a) Weaving

- Parts and functions of handloom

- Sequence of operation in warp and weft preparations.
- Various types of looms and their drive.
- advantages & disadvantages of shuttle less, projectile, rapier, airjet & waterjet looms.
- Basic & decorative weaves - plain, Twill and satin derivatives. Dobby & Jacquard shedding & weaving terry, pile, leno, bird's eye, mockleno, spot, swivel and lappet, double weaving, etc.
- weave calculation, economy of production

Unit - IV

*** Knitting**

- Knitting machines, Types of knitting
- Properties
- Production of special knits and integral garments.

*** Felts & Non Wovens**

- Braiding & Lace making
- textile design centres and their functions

Practicals

1. Setting up of a simple loom – calculation of raw materials.
2. Weaving on simple loom, plain, rib, matt and twill structures.
3. Fabric analysis for design, repeat, draft, peg plan and other details.
4. Creating designs for stripes, checks, doobby and jacquards.
5. Visit to weaving mills.
6. Survey - Various fabrics available.

REFERENCES

1. Spun Yarn Technology- Eric Oxtoby Butterworth Publication. American Cotton Handbook - Merrill
2. Subodh Kumar Aggarwal (1980): Textile Processing and Auxiliaries. Textiles - Burker - (1988) Abhishek Publication.
3. Essentials of Textiles - M. Joseph, Holf Rinechants, Winston Publications. Irene Wallen Designing with Threads.

4. Edward Miller (1992) Textiles. Corbman, B. Fibre To Fabric. Book Textiles
Year 1998 By A.F. Barker Chapter-7, Principles of Weaving Pg., 154-171
5. Book - From Fibres to Fibrics, Gale, E., 1968, p.54 Colour and Weave -
Margaret & Thomas, Winderkuechd.
6. Grociki, Z.J. : Textiles Design and Colour, London, Longmans Green and
Co. Ltd.
7. William Watson : Advanced Textiles Design, London, Longmans Green
and Co. Bombay.
8. Nisbet, H : Grammar of Textile Design, Tarapoprewale Sons and Co.
Bomaby.
9. Aswani, K.T. : Weaving Calculations - Taraporewale Sons and Co. Ltd.,
London.
10. Sengupta, R.: Weaving Calculations - Taraporewale Sons and Co.
Bombay.

HISTORIC COSTUMES

Paper No HSCT (202) CC - 5

Credits – 3+1=4

SEM – II (M.Sc. C.T.)

Marks : 100

Objective

To make them aware of the historical development in western textiles and costumes from ancient world to 21st century and acquaint them about male and female textiles and costumes of India and other countries.

UNIT I

History and evolution of traditional costumes of India, America, China, Egypt, France.

UNIT II

History and evolution of traditional costumes of China, Egypt, France.

UNIT III

Greece, Japan and Rome through ages for women and men including the accessories- head dresses, jewellery, footwear and their significance in socio-economic status of the society.

UNIT IV

a. INDIA through ages for women and men including the accessories- head dresses, jewellery, footwear and their significance in socio-economic status of the society.

b. contemporary recent and contemporary costume used to mention countries and its specialty

Practical

1. Documentation of various styles of men & women's garments of the above countries;
Designing outfits for men & women to suit to the current trends;

2. Visit to a museum.

REFERENCES

Annalce Gold.1987. One World of Fashion. Fair Child Publ.

Blanche Payne. 1965. History of Costumes from the Ancient Egyptian to the Twentieth Century. Harper & Row.

Jack Cassin-Scott. 1994. The Illustrated Encyclopedia of Costume and Fashion. Studio Vista.

John Peacock. 1996. A Complete Guide to English Costume Design and History - Costume 1066–1990's. Thames & Hudson.

Pamela Stecker. 1996. Fashion Design Manual. Mac Millan.

ADVANCED APPAREL CONSTRUCTION

Paper No HSCT (203) CC - 6

Credits – 3+1=4

SEM – II (M.Sc. C.T.)

Marks: 150

Unit - I

Fitting – factors affecting good fit, common problems encountered and remedies for fitting defects (upper and lower garments)

Unit – II

Clothing for people with special needs.

- Maternity and lactation period
- Old age
- Physically challenged.

Unit – III

Overview of the Apparel Industry

- History of apparel industry
- Mass – Production process
- Costing

Unit – IV

Evaluating the quality of apparel: -

- Testing & Inspection
- Quality specifications and standards in cutting, sewing, Supplies, finishing and packing.

PRACTICAL

1. Fashion Sketching
2. Development of slopers for skirt variation
 - Low & High Waist
 - A Line, Flared, Circular, Pleated, Yoked.
3. Pockets
 - Slashed pockets-welt, bound flaps
 - Inseam pockets – closed and open
4. Plackets
 - Fly front opening

Zipper inseam, without seam.

5. Designing, drafting and construction of skirt, jacket, top, lady's trousers and nighty and gown designer lady's suit.
6. 15 Days training in any garment construction Unit and Report submission

REFERENCES

1. Slamper, Sharp & Donnell: Evaluating Apparel, Quality- Fairchild Publications, New York.
2. Natalie Bray Dress Fitting Published By Blackwell Science Ltd.
3. Margolis Design your Own Dress Pattern Published By Double Day And Co. Inc. New York.

TEXTILE INDUSTRY IN INDIA

Paper No HSCT (204) ES - 2

Credits – 4+0=4

SEM – II (M.Sc. C.T.)

Marks: 50

.Unit - I

Importance of textile and clothing industry in the Indian economy in terms of domestic consumption, employment and per- capita income, gross national product and international trade.

National textile policy 1986, and latest policy - changes in focus over the years in terms of objective, function ability, regulatory mechanism and futuristic trends.

Unit - II

Status of textile and clothing Industry over a decade - in relation to production and consumptions pattern, locale, employment potential, R & D, problems and prospects, research associations & institutes, cotton, wool, silk, jute, rayon and synthetic industry, Handloom industry, readymade garment industry, hosiery industry.

Unit - III

Status of textile & apparel industry in global scenario Gatt/WTO ISO 9000-2000 series and ISO 14000 series SWOT analysis

Unit - IV

Export and Import policies of textiles & apparels

(a) Problems in export and import of textiles,

(b) Trends in Indian Exports

c)export infrastructural facilities & incentives.

CURRENT TRENDS AND ISSUES IN CLOTHING & TEXTILE

Paper No HSCT (204) ES - 2

Credits – 4+0=4

SEM – II (M.Sc. C.T.)

Marks: 50

Unit -I

- Principale of Art and design
- Principale of fullness

Unit -II

- Fashion Trends

Unit -III

- Textile & their uses
- Eco-friendly textile

Unit -IV

- Garments & Textile industry

STATISTICS & COMPUTER APPLICATION

Paper No HSCT (205) ID - 2

Credits – 4+0=4

SEM – II (M.Sc. C.T.)

Marks: 100

UNIT - I

Parametric & Non Parametric test - Chi-square: goodness of fit. T- test: single mean, independent mean, paired mean, Analyses Variance: Oneway & Two-way. Correlation - Pearson's correlation, scatter diagram, Spearman's correlation. Significance of difference between correlations

Unit - II

General awareness of computers and its applications. Introductions to various input and output devices like Keyboard, Printer, CD-ROM, Mouse, Monitor etc.

Unit - III

MS - Word

MS - Power Point

MS-Excel

Unit - IV

Internet - What is Internet?

E-mail

Browsers.

Any package related to Clothing & Textile

SYLLABUS OF HUMAN DEVELOPMENT

PROGRAMME DEVELOPMENT FOR VULNERABLE FAMILIES

Paper No HSHD (202) CC - 5

Credits – 3+1=4

SEM – II (M.Sc. H.D.)

Marks : 100

Objective

To learn to identify vulnerable population in rural and urban areas and develop an understanding regarding techniques of planning, implementing and evaluating development and research projects.

UNIT I

Concept of developmental programmes, types of projects – Development and Research Projects – polycentric and cyclical approaches to scientific research and development. Holistic and inter disciplinary approach to research project management.

UNIT II

Scientific values and professional ethics. Identifying research needs/ thrust areas in human development. Vulnerable population – AIDS, drug addiction, prostitutes, delinquents, street children, disadvantaged, hospitalized, destitute women and children, abused children, women and senior citizens.

UNIT III

Developing Programmes- project proposal - steps/ process involved, principles of project design, , aspects of appraisal, basic considerations risks and returns.

UNIT IV

Donors/ funding agencies and their types – National and International donors; public and private donors, their thrust, expectations and guidelines. Project sustainability: factors, components and action plan.

PRACTICAL

1. Identifying vulnerable population in rural and urban areas.
2. Develop programmes for their rehabilitation, execution and evaluation of programmes. Learning to use selected PRA techniques – focus group discussions/ interviews, transit walk, social mapping, time line, executing the use of each technique and appraisal.
3. Developing a concept note and a pre project proposal and appraisal.
4. Developing a project - planning, implementing and proposing monitoring and evaluating strategies using appropriate techniques.
5. Implementing / stimulating management techniques- Programme Evaluation and Review Technique (PERT), Critical Path Method (CPM), Line of Balance (LOB), and Gantt Chart, SWOT analysis.
6. Dissemination / publishing of success stories, popular article.

REFERENCES

- Chandra P. 1995. *Projects-Planning, Analysis, Selection, Implementation and Review*. Tata McGraw. Choudhary DP. 1992. *Women Welfare and Development*. NIPCCD.
- Singh PN. 1994. *Training for Management Development*. Suchandra Publ. & Indian Society for Training and Development.

DEVELOPMENT OF LEARNING MATERIAL AND CHILDREN'S LITERATURE

Paper No HSHD (203) CC - 6

Credits – 3+1=4

SEM – II (M.Sc. H.D.)

Marks: 150

Objective

To develop the skills of preparing learning material and literature for children of various age groups.

UNIT I

Significance of teaching materials for early childhood education programs. Principles of developing materials for children. Concept, importance and characteristics of creativity, promoting creative environments.

UNIT II

Planning and developing learning material for – physical, motor, social, language, creativity, mental and personality development. Care and maintenance of materials.

UNIT III

Literature for Children: Need and scope of children's literature, Children's literature through the ages. Contributors to children's literature. Characteristic features of literature for children: sources, features and significance of folk tales, folk songs, folk arts, mythology, historical events, science concept, biographies, fantasy and fairy tales.

UNIT IV

Types and importance of poetry, picture book, short stories and fables in educational programmes. Role of puzzles, cartoons, comics, comic strips, skits, role plays, dance in educating children. Creating literary environment in school. Role of children's library

PRACTICAL

1. Visit to play centers, toy manufacturing units, shops, fairs etc. and observing practical utility of different toys and teaching materials.
2. Preparation of teaching materials for different developmental domains. Field testing and critical analysis of developed materials.
3. Survey of existing children's literature, observational visit to book exhibition, book fair, libraries and mobile vans.
4. Group discussion on elements of writing for children-poem, stories, puppet shows, cartoon strips, picture books.
5. Developing items of literature for different domains using pictures, audio video materials and computer aided designs.

REFERENCES

Brahma D. 1989 *Children's literature and education in India*. Deep & Deep Publ.
Green MM & Woods EL. 1969 *A Nursery School Handbook for Parents Teachers*. Universal Book Stall.
Marshall MR. 1982 *An Introduction to the World of Children's Books*. Grower Publ.
Rudolph M & Cohen DH. 1977 *Kindergarten and Early Schooling*. Prentice Hall.
Seefeldt C. 1980 *Teaching Young Children*. Prentice Hall.

ADVANCES IN FAMILY STUDIES

Paper No HSHD (204) ES - 2

Credits – 4+0=4

SEM – II (M.Sc. H.D.)

Marks: 50

Objective

To develop an understanding in students regarding various approaches and frameworks for understanding the family and expose them to the current issues in Indian families and orient them regarding methods and techniques of family therapy.

UNIT I

Definition and changing patterns of Indian family, different approaches to family studies: Nature and importance of conceptual framework, Institutional framework, Structural functional framework, Developmental framework, Interactional framework.

UNIT II

Sociological viewpoint of family by Persons. Research methodology-inter disciplinary approaches to family measurement. Psychological approaches to assessment in family. The Psychiatric approach, Interactive approach measurement of marital roles and relationship, Ethnographic approach, Demographic approach.

UNIT III

Ethics in family research, Current issues for research in Indian family, Fatherhood: Concept. Changing role of parents in parenting, Disorganized and reorganized families, marital distress, psychiatric disorder and family therapy. Alternate family patterns -single parent families, female headed households, dual career families, sibling families etc. Adoptive families. National policies and programmes for family welfare.

UNIT IV

Theoretical developments in marital and family therapy, schools for family therapy, structured, strategic, experimental family and integrated family therapy.

Practical

1. Appraisal of tools in family area (at least ten tools). Critical evaluation of family welfare programmes towards family welfare. Developing research proposal on current issues relating to family. Survey of family patterns in rural, slum and urban areas.
2. Case studies of different areas of marriage and family therapy using different methods and techniques.

REFERENCES

- Bharat S. 1996. *Family Measurement in India*. Sage Publ.
- Roger L. 2004. *Family Therapy - A Constructive Framework*. Sage Publ.
- White JM & Klein DM. 2007. *Family Theories*. Sage Publ.

CURRENT TRENDS AND ISSUES IN HUMAN DEVELOPMENT

Paper No HSHD (204) ES - 2

Credits – 4+0=4

SEM – II (M.Sc. H.D.)

Marks: 50

Objectives

- To create awareness regarding current trends, issues and researches related to various aspects of human development, early childhood education, family studies and disabilliting.
- To understand the importance of innovative/new programmes in the field.
- To develop an understanding of the role of advocacy in promoting issues and concerns related to human development.

Unit -1

1. Trends and issues related to processes of development
 - Psycho-motor development.
 - Perceptual development.
 - Congnitive development.
 - Socio-emotional development.
 - Language development.
 - Moral development.

Unit-2

1. Trends and issues related to early child development and early childhood care and education
 - Demographic status, attrition in early preschool/and primary years, gender equality and equity.
 - Issues and concerns related to children in difficult circumstances; street children, adopted children, girl child, single parent children, refugee and migrant children, children with disability and other vulnerable groups.
 - Issues and concerns related to quality in early childhood and primary curriculum.
 - Issues and concerns related to training of ECCE personnel and accreditation processes.

Unit-3

1. Trends and issues related to life span development
 - Infancy
 - Early childhood
 - Young adulthood
 - Adulthood
 - Old age

Unit-4

1. Trends and issues related to family studies.

ADOLESCENT DEVELOPMENT AND CHALLENGES

Paper No HSHD (201) CC - 4

Credits – 3+1=4

SEM – II (M.Sc. H.D.)

Marks : 150

Objective

To acquaint the students regarding the inherent challenges and contemporary issues in adolescent development.

UNIT I

Adolescence – definition, importance of the stage. Traditional theories of adolescence, Modern theories, biological development, maturation, environmental learning, interactional and cultural context. Perspectives of adolescent development, interpersonal relationships, socio- cultural attitudes of adolescents.

UNIT II

Consequences of puberty changes, sexual development, early and late maturation and psychological implications.

UNIT III

Intellectual development- formal operations, complexities of adolescent thoughts. Moral development - integration of self and psycho-sexual resolution and resolving identity crisis- reorganization of social life relationship with peers and parents, heterosexual relationships.

UNIT IV

Vocational preferences, training and work, transition to adulthood- conflicts with special reference to contemporary socio – cultural changes.

Practical

Case studies, interviewing early and late adolescents on issues – problems, pubertal changes, friendships, career, aspirations, self and social awareness, political awareness, mass media preferences. Depiction of adolescents in mass media - content analysis of media- films, television, literature.

REFERENCES

- Berk LE. 1993 *Infants, Children and Adolescents*. Allyn & Bacon.
Sebald H. 1984. *Adolescence - A Social Psychological Analysis*. Prentice Hall.
Seifert KL & Hoffnung RJ. 1991. *Child and Adolescent Development*. Houghton Mifflin.

STATISTICS & COMPUTER APPLICATION

Paper No HSHD (205) ID - 2

Credits – 4+0=4

SEM – II (M.Sc. H.D.)

Marks: 100

UNIT - I

Parametric & Non Parametric test - Chi-square: goodness of fit. T- test: single mean, independent mean, paired mean, Analyses Variance: Oneway & Two-way. Correlation - Pearson's correlation, scatter diagram, Spearman's correlation. Significance of difference between correlations

Unit - II

General awareness of computers and its applications. Introductions to various input and output devices like Keyboard, Printer, CD-ROM, Mouse, Monitor etc.

Unit - III

MS - Word

MS - Power Point

MS-Excel

Unit - IV

Internet - What is Internet?

E-mail

Browsers.

Any package related to Human Development

SYLLABUS OF RESOURCE MANAGEMENT

ADVANCED INTERIOR SPACE MANAGEMENT

Paper No HSRM (201) CC- 4

Credits – 3+1=4

SEM – II (M.Sc. R.M.)

Marks : 100

Objective

To make students understand the new dimensions and future challenges of interior designing and to acquaint them with latest trends in functional designing of space, interiors and surroundings.

UNIT I

Effect of interior design and decoration on family well being with particular reference to special needs - Functional and aesthetic considerations in use of elements and principles of design.

UNIT II

Advances in design process of residential and commercial interiors.

UNIT III

Trends in decoration treatments for interiors and interior backgrounds from past to present: furniture, furnishings, lighting, fittings and fixtures, surface materials, finishes.

UNIT IV

Changing trends in thermal, acoustics and safety mechanisms. Solutions for problem areas in residential and commercial building interiors.

PRACTICAL

Critical analysis of interiors of a selected residential and non-residential

buildings and suggested improvements – Visits to building design institutes, hotels, furniture and furnishing show rooms and residential buildings to identify new trends – Market survey of surface materials, finishes, fittings and fixtures – Detailed cost estimation of interior design and decoration elements.

REFERENCES

Allen PS, Stimpson MF & Jones LM. 2000. Beginnings of Interior

Environments. Prentice Hall.

Choudhari SN. 2006. Interior Design. Avishkar Publ.

Gilliatt M. 1981. The Decorating Book. Pantheon Books.

Panero J & Zelnik M. 1979. Human Dimension and Interior Space.

Whitney Library of Design.

Parikh A, Robertson D, Lane T, Hilliard E & Paine M. 2000. The Ultimate Home Design Source Book. Conran Octopus.

Pears A, Lawrence M, Hymers P & Howell J. 2000. Working with the Professionals. Marshall Publ.

Seetharaman P & Pannu P. 2005. Interior Design and Decoration. CBS.

Zimmerman N. 2003. Home Workspace Idea Book. The Taunton Press.

HOUSEHOLD EQUIPMENTS

Paper no. -HSRM – 202 CC - 5

Credits – 3 +1=4

Sem. – II (M.Sc. R. M.)

Marks- 100

Objectives:

1. To understand the students and innovative technology in household equipments.
2. To understand the students about market of the household equipments.
3. To enable the students about conservation of time and energy saving.

UNIT - 1

Household equipments

- History
- Importance
- Changing trends in equipments in manufacturing materials and assembling and finishes.

Kitchen equipments

- Electrical and non electrical it's use and operating system.
- Surface cooking equipments
- Oven and bakery equipments
- Tools for preparing and serving the foods.

UNIT – 2

A. Equipments for cleaning

- Importance
- Housing machine, Vacuum cleaner, Dish washer, Moper

B. Equipments for Comfort

- Air conditioner, Fan
- Room heater
- Exhaust fan, Air Cooler
- Water purifier

UNIT – 3

Equipment Designs

- Criteria kept in mind while designing product.
- Convenient features
- Types of design testing of it's method

UNIT – 4

Consumer and household equipments

- Market trends
- Consumer protection related to household equipment
- Advertisement
- Label and specification
- I.S.I., B.I.S. and others

Practical

1. To study judging various brands of equipments and types of equipments
2. Market survey of household equipment
3. Consumer survey for household equipment
4. To study various finishers of Equipments
5. Designing of an Equipments
6. Visit to a Equipped station

REFERENCES

1. Avery, M. (1955): Household Physics, MacMillan Co, New York.
2. Allison, A. (1966): Running Your Home and Equipment: Design for Living, Series No.6, Mills and Boon Ltd., London.
3. Varghese, M.A. et al (1985) : Household Equipment Manual, S.N.D.T. Women's University, Mumbai.
4. Jonson B.J.(1970): Equipment for Modern Living, MacMillan Co, New York.
5. Beveridge, E.(1965): Choosing and Using your Home Equipment, Iowa State University Press, Ames.

CONSUMER EDUCATION AND REDRESAL MECANISIUM

Paper no. - HSRM– 203 CC - 6

Credits -3 +1=4

Sem. – 2 (M.Sc.-R.M.)

Marks –150

OBJECTIVES

- To equip and impact knowledge on consumer related facts and issues.
- To provide an understanding of the significance of consumer information.
- To develop and acquire skills in consumerism and utilizing the provisions in redressal mechanism.

UNIT : 1

- Importance of consumer Education.
- Need for consumer Education.
- Objectives of consumer Education.
 - Basic concepts.
 - Kinds of Goods.
- Consumer movement.
- Origin and growth.
- Philosophy, objectives.
- Consumer movement in developed countries and global experience – a brief overview.
- Indian experience, reasons for slack in consumer movement.

UNIT : 2

- Consumer protection.
- Legal problems in buying and paying for good and services.
- Consumer representation – Govt. agencies, consumer organizations, legal cells in industries, public interest legislation.
- Problem faced by consumer in the Market.

UNIT : 3

- Consumer information.
- Need and significance, Sources.
- Consumer services – public and private. Merits and limitations.
- Institutional support – corporate accountability, Government policies and responsibilities.
- Do's and Dont's towards better consumerism.

UNIT : 4

- Consumer Redressal.
- Consumer protection Act, 1986
- Definitions of consumer, Complaint, Complaint service, unfair trade practices as given in CPA.
- Procedure for filling a complaint appeal to district, state and national commissions.
- Some tips for ensuring redressal.

PRACTICALS

- 1) Visit to a consumer redressal forum.
- 2) To study about consumer club objectives.
- 3) Detection of food adulteration.
- 4) To study about type of certification marks.
- 5) To prepare consumer awareness programme.

REFERANCES

- 1) D.N.Saraf (1990) : Law of consumer protection in India, Tripathy private limited, N.M. New Delhi.
- 2) Gurjeet Singh (1996) : The law of consumer protection in india, Deep and Deep publications, New Delhi.
- 3) Himachalam, D. (1998) : Consumer protection and the law, APH publishing corporation, New Delhi.
- 4) Seetharaman, P. and Sethi, m. (2001) : Consumerism : Strategies and Tactics, CBS publishers, New Delhi.
- 5) Sethi, M. and Seetharaman, P. (1994) : Consumerism : A Growing concept, phoenix publishers, New Delhi.
- 6) Sherlikar, S.A. : Trade practice and consumer protection. Himalaya publishing House, Mumbai.
- 7) Gulshan, S.S. : (1994) : Consumer protection and satisfaction, wiley eastern lmt, Mumbai

FUEL TECHNOLOGY AND ENERGY MANAGEMENT

Paper no.- HSRM – 204 ES -2

Credits -4 +0=4

Sem. – 2 (M.Sc. - R.M.)

Marks – 50

OBJECTIVES

- ❖ To understand the potential and limitations of different energy sources and the environmental impacts of their use.
- ❖ To understand the need and the ways of energy conservation.
- ❖ To study the innovations in fuel technology and energy management.
- ❖ To be aware of the holistic economical approaches to environment.

UNIT : I

- Sources of energy and their classification.
- Non – renewable Vs renewable alternatives.
- Conventional Vs non conventional, commercial Vs non commercial.

UNIT : II

- Energy consumption pattern – national statistics.
- Calorific values of fuel and their determination.
- Introduction of nuclear power and hydro electric power.

UNIT : III

- Introduction of solar energy – used system for water heating, cooking, refrigeration and power generation etc.
- Energy Conservation system

UNIT : IV

- Thermal and biochemical conversion processes available for obtaining gaseous and liquid fuels from bio – mass.
- Bio – gas plants and advanced gasohol.

CURRENT TRENDS & ISSUES IN RESOURCE MANAGEMENT

Paper no.- HSRM – 204 ES -2

Credits -4+0=4

Sem. – 2 (M.Sc. - R.M.)

Marks – 50

Objectives

- To create awareness regarding current trends, issues and researches in various aspects of resource management, consumer studies, interior design, environment and management of families and organization.
- To debate on various emerging areas of studies and research needs for Resource managements.

Unit-1

- Socio-economic environment impact on families and organization.
- Consumer issues-Foreign direct investment privatization

Unit-2

- Equipment Design –standards-Quality Control.
- Environment issues-Women and Environment.

Unit-3

- Fuel Technology-New thrusts.
- Quality management

Unit-4

- Entrepreneurship Management
- Human Resource Planning and Audit.

STATISTICS & COMPUTER APPLICATION

Paper No HSRM (205) ID - 2

Credits – 4+0=4

SEM – II (M.Sc. R.M.)

Marks: 100

UNIT -I

Parametric & Non Parametric test - Chi-square: goodness of fit. T- test: single mean, independent mean, paired mean, Analyses Variance: Oneway & Two-way. Correlation - Pearson's correlation, scatter diagram, Spearman's correlation. Significance of difference between correlations

Unit - II

General awareness of computers and its applications. Introductions to various input and output devices like Keyboard, Printer, CD-ROM, Mouse, Monitor etc.

Unit - III

MS - Word

MS - Power Point

MS-Excel

Unit - IV

Internet - What is Internet?

E-mail

Browsers.

Any package related to Resource Management