

Outline of Curriculum for
M.A. Home Science
1st, 2nd, 3rd & 4th Semester
Clothing & Textile Course Curriculum
According to NEP 2020
(Credit and Grading System)



Sri Agrasen Kanya P.G. College
(An Autonomous Institution)
VARANASI

Sri Agrasen Kanya P.G. College, Varanasi
(An Autonomous Institution)
Syllabus Scheme

M.A. Home Science

(Credit & Grading System)

SEMESTER WISE P.G. PROGRAMME

STRUCTURE - HOME SCIENCE

(CLOTHING AND TEXTILE)

Year -I					
P.G.Semester -I					
Course Code	Course	Paper Title	Internal + External= Total marks	Load Allocation (L.T.P.)	Credit
CTA130701T	Core	Fiber Science	25+75=100	L-3,T-2,P-0	4
CTA130702T	Core	Apparel Design and Construction	25+75=100	L-3,T-2,P-0	4
CTA130703T	Core	Fashion Design	25+75=100	L-3,T-2,P-0	4
H.Sc.A130704T	Core	Research Method & Statistics	25+75=100	L-3,T-2,P-0	4
CTA130705P	Practical	Practical Related to Theory Papers	25+75=100	L-0,T-0,P-8	4
CTA130706R	Research Proposal	Project Work	-	L-0,T-4,P-4	4
P.G.Semester -II					
CTA130801T	Core	Textile Chemistry	25+75=100	L-3,T-2,P-0	4
CTA130802T	Core	Advance Apparel Construction	25+75=100	L-3,T-2,P-0	4
CTA130803T	Core	Fashion Retailing & Merchandising	25+75=100	L-3,T-2,P-0	4
H.Sc.A130804T	Core	Scientific Writing	25+75=100	L-3,T-2,P-0	4
CTA130805P	Practical	Practical Related to Theory Papers	25+75=100	L-0,T-0,P-8	4
CTA130806R	Research Proposal	Project Report	25+75=100 (I+II SEM)	L-0,T-4,P-4	4
C010806M	Minor Elective	E-Commerce or	25+75=100	L-3,T-2,P-0	4
A010806M		प्रयोजन मूलक हिन्दी			
Total Credit (year-I)					52

Shalini
11/10/2023

Sonika

Usha
11/10/2023

Rajy
11/10/2023

11/10/23

Year -II					
P.G.Semester -III					
Course Code	Course	Paper Title	Internal + External= Total marks	Load Allocation (L, T, P.)	Credit
CTA130901T	Core	Dyeing and Printing	25+75=100	L-3,T-2,P-0	4
CTA130902T	Core	Fabric Construction	25+75=100	L-3,T-2,P-0	4
CTA130903T-a	Elective	(a) Fashion Illustration	25+75=100	L-3,T-2,P-0	4
CTA130903T-b		(b) Draping and pattern making			
CTA130904T-a	Elective	(a) Garment Production Technology	25+75=100	L-3,T-2,P-0	4
CTA130904T-b		(b) Social and Psychological Aspect of Clothing			
CTA130905P	Practical	Practical Related to Theory Papers	25+75=100	L-0,T-0,P-8	4
CTA130906R	Research Project	Research Analysis and Report Writing	-	L-0,T-4,P-4	4
P.G.Semester -IV					
CTA130001T	Core	Textile Design (Structures)	25+75=100	L-3,T-2,P-0	4
CTA130002T	Core	Entrepreneurship Management	25+75=100	L-3,T-2,P-0	4
CTA130003T-a	Elective	(a) Fashion Marketing Merchandising	25+75=100	L-3,T-2,P-0	4
CTA130003T-b		(b) Knitting technology			
CTA130004T-a	Elective	(a) Historic Costume and History of Fashion	25+75=100	L-3,T-2,P-0	4
CTA130004T-b		(b) Textile testing and Quality Control			
CTA130005P	Practical	Practical Related to Theory Paper	25+75=100	L-0,T-0,P-8	4
CTA130006R	Project report	Desseratation	25+75=100 (III+IV SEM)	L-0,T-4,P-4	4
		Total Credit (year-II)			48

Note 1. Students have to opt the minor elective paper from other faculty.

2. L-lecture ,T-Tutorial, P-practical

3. Mapping of each course objectives at the starting of course

4. Internal assessment to be done by dept. level out of 25 marks (including mid semester exam, assignment and attendance)

Guidelines for Evaluation of Dissertation

Internal Assessments					Evaluation
Department Presentation	Communication and Presentation	Response to queries	Maximum		
Dissertation	Plagiarism	Subject Matter Usage of Language	Publication /Presentation in Conference		Committee Member: 1. Head 2. Supervisor 3. One of Faculty Member
	5	5	5	15	
				25	
External Assessment					Evaluation
External Examiner	Subject Matter			25	
Viva-Voice	Presentation and Communication	Responses to queries		75	Committee Member: 1. Head 2. External 3. Expert Supervisor
	25	25			
				100	

[Signature]

[Signature]

[Signature]

[Signature]

M.A. Home Science
(Clothing and Textile)
1st Semester
Paper -I
Fiber Science

Code : CTA13070T

Credits – 4

M.M. 25+75=100

Objectives :

- To acquaint the students about the Polymers of which the textile fibers are made.
- To understand the chemistry production and fundamental properties of natural and synthetic fibers.
- To familiarize with the chemical processing from designing to finishing of textiles and principles.
- To acquaint the students with some advanced textile technology.

Contents:

Theory

Unit I: Introduction

- Why the textile chemistry is needed
- Why this subject is related to Textiles and clothing

Unit II: Polymer chemistry

- Polymers, methods of polymerization, polymerization process
- Definition of co polymers, types of copolymers
- Orientation of polymers, their influence on fibre properties



M.A. Home Science

(Clothing and Textile)

1st Semester

Paper II

Apparel Design and Construction

Code : CTA130702T

Credits - 4

M.M. 25+75=100

Objectives:

- To impart in depth knowledge of Style reading pattern making and garment Construction Techniques
- To develop and understand the principles of pattern making through flat pattern and draping

Contents:

Theory

Unit I: details study of industrial machine and equipments used for

- Cutting
- Sewing
- Finishing
- Embellishment

Unit II: study of their relationship of needles thread stitching length and fabric

Palini
Sonali
A
Deep
Shy

Unit III: Dart, Tucks, Pleats and Gathers

- Yoke, facing, finishing and Pieces
- Dart manipulation

Unit IV: Method of pattern making

- taking measurement
- drafting
- flat pattern
- Basic Block -pattern making, pattern envelop, guide sheet
- Master pattern , Designer Pattern

References

1. Armstrong pattern making for fashion designing,
2. Gioello and Berke : Figure type and size Ramnge Fair child New York
3. Great and Strom: Concept of clothing, mograw Hill Book Co New York
4. Wendy Gardienr: The Encyclopaedia of Swing techniques
5. Pamela C. Stinger : pattern drafting for dress making
6. Sheldon Maratha Gene – design through draping USA burgers publishing company

Sheldon

Swartz

Diya

M.A. Home Science

(Clothing and Textile)

1st Semester

Paper III

Fashion Design

Code : CTA130703T

Credits – 4

M.M. 25+75=100

Objectives:

The aim of providing in depth working knowledge of line development and enables a student to use and practice skills and knowledge already acquired and use it to market situation.

Contents

Theory

Unit I :Dynamics of fashion

- Introduction
- Characteristics
- Principles
- Fashion adaptation theory
- Fashion cycle
- Psychology of fashion

Unit II: (A): Elements used in creating a design

- line
- Colour

Sanjay
Divya
Shobini
11/10/20

- form
- shape
- texture

(with one element with more than one element)

B: Principles of design

- Harmony or Unity
- Proportion
- Balance
- Rhythm
- Emphasis

Unit III: Colour in Fashion

- Colour wheel theory
- characteristics of colour
- colour schemes
- psychology of colour

Unit IV: Components of fashion introduction types and importance

- Silhouette
- Fabric
- Texture
- Seams
- Trims
- Prints

References :

1. Sharon Lee Tate, inside Fashion Harper and Row publishers New York.

[Handwritten signatures and marks]

2. Rathryn Samuel, Life Styles, fashion styles orbis London
3. Carter, C. . The changing world of fashion, G.P. Putnam's Son New Delhi
4. Rubin, L. G. The world of Fashion , Canfield press San Francisco.
5. Elaine stone, The dynamics of fashion publications, New York

Ad

London

Oliver

Shah

Shah

M.A. Ist Semester

Home Science

Paper IV: Research Methodology and Statistics

Course Code – H.Sc.A130704T

M.M.- 25+75=100

Credits – 4

Objectives :

- (I) To understand the significance of statistics and research methodology in Home Science research
- (II) To understand the types, tools and methods of research and develop the ability to construct data gathering instruments appropriate to the research design.

Contents

Unit I:

- (a) Research :- meaning, objective, role and scope of research in the discipline of Home Science.
- (b) Statistics:- introduction, definition, meaning, scope, uses and importance of statistics.

Unit 2: Elements of research

- (a) Variables- meaning, nature and types.
- (b) Hypothesis-meaning, attributes of a sound hypothesis, stating the hypothesis and types of hypothesis, null hypothesis.
- (c) Research Design-
 - Quantitative and Qualitative Research
 - Descriptive Research Design
 - Correlation Research Design
 - Experimental Research Design
 - Diagnostic Research Design
 - Explanatory Research Design
- (d) Sampling -
 - Meaning, characteristics, concept of population and sample
 - Types of sampling and generalizability of results
 - Probability sampling- simple random, systematic random sample, stratified random sampling etc.
 - Non probability sampling – purposive sample, incidental samples, quota samples, snow ball samples.
 - General consideration in determination of sample size.

[Handwritten signatures and initials]

Unit 3: Source, tools and methods of Data Collection

- (a) **Source**- Primary and Secondary field and documentary.
- (b) **Tools**- Interview guide, Interview Schedule, observation and questionnaire.
- (c) **Methods**- Interview, Questionnaire, observation, case study and projective techniques.

Unit 4: Statistical Analysis

- (a) Measurement of Central Tendency.
- (b) Parametric test (t test, f test-ANOVA)
- (c) Non Parametric test (Chi square test)

References:

1. Bhandarkar, P. L. and Wilkinson T.S. Methodology and Techniques of Social Research, Himalaya Publishing House Mumbai.
2. C.R. Kothari, Research Methodology
3. C.R. Kothari, Shodha Paddyati
4. Manju Patni: Anusandhan Vidhiyan, Star Publications, Agra
5. Mukherjee, R., The Quality of Life, Valuation in Social Research, Saga Publications, New Delhi
6. Jain, Gopal, Research Methodology, Methods, tools and techniques, Mangal Deep Publication, Jaipur (1998)
7. Srivastava, D. N., Anusandhaan Vidhiya, Sahitya Prakashan, Agra
8. Paras Nath Rao, Anusandhaan Parichay.
9. Anita Singh, Dr., Statistics and Computer Application, Star Publication, Agra.

AD Alip Usha Srinata
Shalini
7

M.A. Home Science
(Clothing and Textile)

1st Semester

Paper - IV

Practical related to Theory Papers

Code : CTA130705P

Credits - 4

M.M. 25+75=100

Practical:

1. Identification of fibers(burning test)- cotton, polyester, viscose, Silk, wool and jute
2. Bleaching of cotton fabric,
3. Scouring
4. Degumming
5. Development of different types of seam: Machine seam and Decorative seam
6. Basic Body Block (Drafting, Flat Pattern and Draping)
7. Composition of line & colour Wheel
8. Components of Fashion - Prints , Texture, line ,colour and Silhouette)
9. Prepare a Data gathering Instrument.
10. A case study on anyone topic related to home science

Pranvi

Shobhi

A

Shy

Divya

M.A. Home Science
(Clothing and Textile)
2nd Semester
Paper I
Textile Chemistry

Code : CTA130801T

Credits - 4

M.M. 25+75=100

Objectives:

- To acquaint students about the Polymers of which the textile fibres are made
- To understand the chemistry, production and fundamental properties of synthetic fibres
- To familiarizes with the chemical processing of desizing to finishing of textiles
- To acquaint the student with some advanced textile Technology

Theory

Unit I: synthetic fibres : their chemical composition, properties and uses

- Polyester
- Polyamide
- Acrylonitrile

Unit II New developments fibre manufacture

- Metallic glass fibre
- Eco friendly textiles

Unit III: Principles of yarn manufacture

A
Dhish
Shahin
Shahin
Shahin

Yarn processing for natural fibers by conventional system and recent development like OE spinning, rotor, twist less, self twist core yarn tape yarn.

- yarn properties, yarn twist, yarn number
- different classes of yarn and relationship to Fabric properties

Unit IV : Textile finishes

- classification of finishes
- chemical finishes: durable press, wash and wear, wrinkle recovery
- fire retardant, water repellent, anti static, stain and soil release, moth proofing finish

References

1. American cotton handbook Merrill.
2. Textile processing and auxiliaries- Suboth Kumar Agreement
3. Corb Man, Bernard P., Textiles : Fibre to fabric, McGraw Hill Book Co., Singapore.
4. Fibre to fabric – Bex Ashford, (2016), Published by Author House, U.K.
5. Principles of textile testing- J. E. Booth
6. Verma, Pramila (2020)vastra vigyan evam paridhan Bihar Hindi Granth acadamy , Patana
7. Singh, Vranda (2021)Vastra Vigyan evam Paridhan Nirman, Panchshil Publication Jaipur.







M.A. Home Science
(Clothing and Textile)

2nd Semester

Paper-II

Advance Apparel Construction

Code : CTA130802T

Credits – 4

M.M. 25+75=100

Objective:

- To help develop skills in pattern making and construction.
- To create awareness of quality assurance norms and evaluating of quality in apparel.

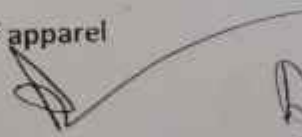
1. Fitting Factors

- Effectig good fit
- Common Problems encountered and remedies for fitting defect (Upper and lower garments)

2. Clothing for people with special needs

- Maternity and lactation period.
- Effect of clothes of the childs growth and development.
- Old age.
- Physically challenged.

3. Evaluating the quality of apparel









- Fabric for the quality, defects, pricing and according to requirement.
- Apparel - Identification to the fiber content.
- Shaping devices
- Neckline treatments.
- Decorative details
- Trimings
- Lining including facing.

4. Buying Criteria for readymade garment

- According to individual requirement (age, occasion, season, occupation, Sex, Physical feature etc.)
- Comparison with homemade garment, and readymade garments.

References:

1. Sampler, shop & Donnell: Evaluating appeal quality - Fairchild publications, New York.
2. Natalie Bray Dress Fitting published by Blackwell Science Ltd.
3. Nargolis Design your own dress pattern published by Double Dav and Co. Inc. New York.
4. Gini Stephens fringes, fashions form concept of consumer.

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

M.A. Home Science
(Clothing and Textile)
2nd Semester
Paper-III
Fashion Retailing & Merchandising

Code : CTA130803T

Credits – 4

M.M. 25+75=100

Objective:

- To understand the dynamics of fashion and role of fashioned designers.
- To develop understanding visual merchandising and its importance in today's consumer market.
- To gain knowledge about the management respect of retailing.

Contents:

Theory

Unit I The dynamics of fashion

- Fashion Illustration
- Classification of fashion
- Fashion Forecast.
- Designers International and domestic
- The role of designers in merchandising

Unit II - The concept of Retailing

- Definition role of retailing in merchandising

[Handwritten signature]

[Handwritten signature]

- The retail mix
- Retail environment
- Types of retail stores

Unit III - Planning and Budgeting for a retail

- Store functions of distribution Channel
- Maintenance and ordering of stocks, preparation of sale reports
- Sale promotion, personal selling advertising & brands
- Consumer problems and protections.

Unit IV - Visual Merchandising

- Plan and Schedule-Seasons, holidays promotion sales
- Themes & ideas
- Types of Display-Window display: interior display

Reference :-

1. Dhake, Spoons, (1992), greenwood Retail Fashion Promotion and Advertising Mac Milan publication.
2. Jamow, J. a. Judelle, B. and Geerreiom (1981) inside the fashion business, john Willey & sons, Ny, Toranto, Brisbane
3. Easey, M. (1995), Fashion marketing black well science Ltd.
4. Majare, S (1995) The Essence of marketing prentice hall of India New Delhi.
5. Pooja Chatley: Fashion Marketing and Merchandising

[Handwritten signatures and initials]

M.A. IInd Semester

Home Science

Paper IV: Scientific Writing

Course Code – H.Sc.AI30804T

M.M.- 25+75=100

Credits – 4

Objectives :

- To be able to appreciate and understand importance of writing scientifically.
- To develop competence in writing and abstracting skills.

Contents-

Unit-I: Scientific writing as a means of communication

- Different forms of scientific writing
- Articles in journals
- Research notes and reports
- Review articles
- Monographs
- Dissertation
- Bibliography
- Book chapter and articles

Unit-II: Outlines:

Concept, Importance, objectives, types.

Unit-III: General principle of writing

- Preparing a text for submission and publication
- Drafting
- Proof reading
- Brevity and precision
- Concepts of preface
- Appendix
- Notes (end and footnotes), glossary

Saloni
[Signature]
Dhruv
[Signature]

- Prologue and epilogue
- Bibliography (annotated) and references cited
- Review and index

Unit-IV: Dissertation/Research Reports/Thesis

- Introduction
- Review of Literature
- Research design
- Results and discussion
- Summary
- Abstracts
- References/bibliography
- Justification and recommendation

References-

1. Dr. Manju Patni, Vagyanik Lekh, Star Publications, Agra.
2. Prof. M.P. Gupta. Anusandhan Sandarshika, Sharda Pustak Bhavan, Allahabad.
3. Stenberg, R.J.. The Psychologist's companion, A Guide to Scientific Writing for Students & Researchers, Cambridge, Cup.

Shalini

[Signature]

[Signature]

Dhij

[Signature]

M.A. Home Science
(Clothing and Textile)

2nd Semester

Paper - IV

Practical related to theory papers

Code : CTA130805P

Credits - 4

M.M. 25+75=100

Practical

1. Scouring of Cotton fabric.
2. Observation and analysis of different fabric.
3. Fabric Folder with costing, trims folder with costing.
4. Pockets-
 - > Fly from opening
 - > Zipper in Seam, without seam.
5. Market Survey
6. Types of Display
7. Speak Sheet
8. Review at least five articles from five different journals.
9. Write a Research Proposal.

Balika
23

A
Diya
Don

M.A. Home Science
(Clothing and Textile)
3rd semester
Paper-I
Dyeing and Printing

Core

Code : CTA130901T

Credits-4

M.M. 25+75=100

Objectives

- * To impart the knowledge about preparation of fabric for dyeing & printing.
- * To understand the history of dyeing in relation to various classes of dyes.
- * Application of various dyes and properties related to it.
- * To introduce the concept of dyeing at commercial level.
- * To inculcate awareness of the different methods of printing and appreciates in the technical advantages of each.
- * To develop technical competency in printing with different dyes on different fabrics.

Contents :

Theory:

Unit-I Preparation of fabric for dyeing and printing

- Scouring, Singing, Mercerization
- Bleaching
- Specific preparatory steps for cotton, wool, silk and man made fibres.

Unit-II : Dye

- Dyeing with natural dyes
- Mordenting
- Natural Plant sources and other sources
- Textile design through dyeing
- Tie and dye
- Other dyes direct, naphthol vat dye, acid dyes, reactive dyes
- Union & cross dyeing

[Handwritten signatures]

[Handwritten signatures]

Unit IV : Historical development of Printing methods-

- ✓ Block
- ✓ Stencil
- ✓ Screen
- ✓ Roller and rotary screens.
- ✓ Difference between dyeing and printing.

Reference

1. V.A Shenai (1987) Chemistry of Dyes and Principles of Dyeing Sevak Prakashan Mumbai.
2. H.A Lubs, Robert E, The chemistry of Synthetic Dyes and pigments, Krieger Publishing Company New York.
3. V.A. Shenai (1999), Azo dyes - Facts and Figures - Sevak Prakashan, Mumbai.

Salini
Salini

Salini
Salini

Salini

N. A. Home Science
(Clothing and Textile)
3rd Semester
Paper-II
FABRIC CONSTRUCTION

Core

Code : CTA130902T

Credits – 4

M.M. 25+75=100

Objective:

- To enable students to understand and learn method of developing fabrics using different fabric making technique.
- To gain knowledge and understanding of fundamentals of weaving machinery and processes.

Contents:

Theory:

Unit I

- Principles of Fabric Manufacture - Basic Principles, Characteristics and Significance of Different Processes-Woven, Knitted, Non-Woven, Laces, Braids.

Unit II

- Weaving - Definition, Terminology, Characteristics of Woven Fabrics.
- Design, Draft and Peg-Plan of Weaves - Plain, Basket, Twill, Satin,
- Dobby, Jacquard, Pile, Leno, Lappet and double cloth
- Salvedge .

Unit III

- Loom - Development Parts & Functions, Various Types of Loom.
- Recent developments in Loom - Triaxial Loom.

Shahin
Shahin
A
Dhish
12/11/20

Unit IV: Comparison of Warp Knitting and Weft Knitting.

- Comparison of Weaving and Knitting.
- Non-woven fabrics: Production, Process, Types and uses.
 - Felt
 - Foam
 - Film
 - Fur
 - Web formation

References.

1. Book - Textiles Prop & Behaviour in clothing use year (1992).
2. Book-Textile Year 1998, By A.F. Barker, Chapter 7, Principles of weaving, Pg. 154-171
3. Amalsar, D.M. Fabric Structure and cloth analysis.
4. Verma Pramila (2020)vastra vigyan evam paridhan Bihar Hindi Granth academy , Patana
5. Singh Vranda (2021)Vastra Vigyan evam Paridhan Nirman, Panchshil Publication Jaipur.

Handwritten signature

Handwritten signature

M.A. Home Science
(Clothing and Textile)
3rd Semester
Paper-III - a
Fashion Illustration

Elective

Code : CTA130903T-a

Credits - 4

M.M. 25+75=100

Objective:

- Focuses on design details creation of styles and rendering techniques using the different media pencils pens markers charcoal brushes colours papers.

Content:

Theory

Unit I Garments and Garment Details

- Necklines
- Sleeve details
- Skirts and Trousers
- Types of Yokes

Unit II Garment Trims and Decorative Details

- Drawstring and Fastenings
- Tassels and Tucks
- Different Type of Pleats
- Shirring and Fringes and gathers
- Hemlines and Insertions

Unit III Sketing of Accessories

- Hats and head gears
- Footwear
- Bags and purses Jewellery

Unit IV Fashion and Communication Process.

- Communication through different media

Handwritten signatures:
SIT, A, Dhia, Shaban, W/S

- Visual Communication
- Visual merchandising & display
- Fashion Photographs, Fashion Shows and Multimedia

References:

1. Abling Bina, Fashion Sketchbook, Fairchild Publishers New York.
2. Mickelvey Kathryn, Illustrating Fashion Blackwell Science Munslow Janine
3. Seaman Julian, Professional Fashion Illustration, B.T. Batsrod Ltd. London.
4. Ireland, Patrick John, Fashion Illustration, B.T. Batsrod Ltd. London.
5. Allen Apne Seaman Julian Fashion Drawing. The Basic Principles B.T. Fatsford Ltd. London.
6. Elaiame Stone, The Dynamics of Fashion Publications, New York.

Handwritten signatures:
A
Dhish
Dhish
Dhish

M.A. Home Science
(Clothing and Textile)

3rd Semester

Paper-III - b

Draping and Pattern Making

Elective

Code : CTA130903T-b

Credits - 4

M.M. 25+75=100

Objective:

- To enable the student to make pattern from sketch/photograph. To enable the student to obtain perfect fit and harmony between the fabric the garment

Contents

Unit I

- Introduction to draping and silhouette of the individual-Dress form,
- Elements of fabric - woven, knitted.

Unit II

- Development of the ladies block crotch line garments by drafting and draping (shorts, Bermudas, trouser etc.)

Unit III

- Development of pattern with variation in
 - One piece dresses

Handwritten notes:
A ✓ Diaper
B ✓ Slacks

- Two piece dresses
- Dart less dresses

(Incorporating various, collars, sleeves, yokes, necklines, pockets and plackets etc).

Unit IV

- Draping of bodice block and skirt block and their variation.
- Draping of asymmetrical designs and preparing patterns
- Pattern markings, pattern envelope and guide sheet

References:

1. Crawford C.A.. The sit of Fash on draping, air chic publications New York
2. Pamela C. Stinger Pattern drafting for dressmaking
3. Hillhouse, M.S. and Mansfield EA Dress Design-Draping and Fat Pattern, London
4. Sheldon Maratha Geno-Design through draping, USA Burgers Publishing Company
Brackner Helen L-gory: Fashion Design New York Jos Wov and Sons
5. Strickland, Gertule A Tailoring Mahal-New York Macmillan Company
6. Pepin Harriet - Mocer Patter Design, New York

Dina

Hy

Hy

M.A.Home Science

(Clothing and Textile)

3rd Semester

Paper-IV -a

Social and Psychological Aspect of Clothing

Elective

Code : CTA130904T-a

Credits – 4

M.M. 25+75=100

Objective:

- The aim of this course is to study the psychological effects of clothing on the individual in social situations.

Content

Unit-I: Social Aspects of Clothing.

- Social, Occupation and Ethnic, Political and religious affiliation.
- Clothing in Everyday life.
- Clothing in Personal grooming

Unit-II: Clothing Behaviour and Development of the Self.

- Why do people wear clothes
- Understanding of Basic Clothing Need
- Clothing among adolescents
- Effects of clothing on Behaviour

Shobin

HS

HS

Shobin



Unit-III: Psychological Aspect of Clothing

- Psychological importance of clothing
- Factors to be considered while selecting and making a garment
- Psychological Theory of Garments
 - Modesty Theory
 - Protection Theory
 - Immodesty Theory
 - Decoration Theory

Unit-IV Personality Theories

- Freud
- Jung
- Erikson

Reference:

1. Avis, M. Dry (1961): The Psychological of Jung. Methuen & Co., London.
2. Hem, Marilyn J. (1968): The Second Skin, Houghton Mifflin Co., U.S.A
3. Flegel, J.C. (1950): The psycho-analytical study of the family, The Hogarth Press & the Institute of Psycho Analysis, London.
4. Richard Wollheim (1985); Freud, Fontana Press, London
5. Vircent Brome (1978): Jung, Granda Publishing London, Torontoney, New York.

M.A.Home Science
(Clothing and Textile)
3rd Semester
Paper-IV -b

Garment Production Technology

Elective

Code : CTA130904T-b

Credits - 4

M.M. 25+75=100

Objective:

- To enable the students to get acquainted with the latest garment/clothing manufacturing technology related to the current practice in the clothing industry
- To make the students aware of the influence of garment retailing on the clothing production process
- To impart knowledge about the latest electronic equipments and machines used in the garment industry.
- To make students aware of the importance of maintaining quality standards during production.

Contents

Unit I

- Introduction to the background and structure of the garment/clothing industry.

Unit II The organization of a garment factory

- Principles of Managements
- Various Departments like:
 - Design Department
 - Marketing Departments
 - Finance Departments

Handwritten signatures and initials:
A large signature (possibly 'Sudip') is written over the 'Principles of Managements' section.
Below it, there are several other signatures and initials, including one that looks like 'Sudip' again, and others that are less legible.

- Purchasing Departments
- Production Departments
- Operations Departments

Unit III Manufacturing Technology

- Cutting and cutting room
 - Market Paining
 - Efficiency, method & use of worker plan
 - Methods of Spreading of Fabric and requirements of the spreading process
 - Cutting the fabric
- Fusing Technology
 - Alternative methods of joining materials:
 - i) Fusing.
 - ii) Welding and adhesives.
 - iii) Moulding.
- Pressing Technology.
- Production Technology
- Warehousing.

Unit IV Engineering & Quality Control

- Production Engineering.
- Principles of Quality Control.

References

1. Gerry Cooklin - Introduction to Clothing Manufacture, Black Well Science
2. Harold Carr & Barbara Latham - The Technology of Clothing Manufacture-Blackwell Science

Handwritten signatures and initials:
 1. *Shahin*
 2. *gk*
 3. *AB*
 4. *Dish*

3. J. Chuter-Introduction to Clothing Production Management-Blackwell Science
4. D.J. Tyles-Materials Management in Clothing Production - Blackwell Science.
5. Harold Carr & Barbara Latham (1992): Fashion Design and Product Development-Blackwell Science.
6. Mike Easey - Fashion Marketing. Blackwell Science
7. Stylios, G. (1991): Textiles objective Measurement and Automation in Garment Manufacture, Ellis Horwood Ltd., New York, London, Singapore.

Handwritten initials: "HD"

Handwritten initials: "Dhish" with a checkmark

Handwritten initials: "S" with a checkmark

Handwritten initials: "A" with a checkmark

M.A. Home Science
(Clothing and Textile)
3rd Semester
Paper-V

Practical Related to Theory Papers

Practical

Code : CTA130905P

Credits -- 4

M.M. 25+75=100

1. Bandhni
2. Preparation Folder
3. Visit to weaving mills
4. Observ and analysis weaving of Fabrics.
5. Drawing and Rendering of Garments
6. Sketching of Accessories
7. Sketching of Theme based garments
8. Fashion Sketch Book

Pali

RT

the Diya

M. A. Home Science
(Clothing and Textile)
4th Semester

Paper-I

TEXTILE DESIGN (STRUCTURES)

Code : CTA130001T

Core

Credits - 4

M.M. 25+75=100

Objectives

- To develop awareness and appreciation of art & aesthetics in textiles
- To impart creative and technical skills for designing textiles with special emphasis on structural design.

Contents.

Unit I: Design Analysis

- Structural and applied variation in fibre, yarn and fabric construction.
embroidery, Dyeing, printing and finishes.

Unit II

- Principles of design - harmony, balance, proportion, rhythm and emphasis
- Elements of design - line and form, colour and texture

Unit III Process of Designing

- Motif Development - Geometrical, Simplified, Abstract and Ornamental

- Big and small motif- enlargement and reduction, growth of a motif

Unit IV Study of traditional Indian Textile Design.

- Jamdani

Handwritten signatures and initials:
gvt, J.S., A, Dink

➤ Paithani

➤ Baluchari

References

1. Leonard G. Rubin (1976). The World of Fashion, Publication Canfield Press. San Francisco
2. Thames and Hudson (1994) Fashion Illustration Today. Thames and Hudson Ltd. London
3. Patrick John Ireland Fashion Design Illustration, B.T. Batsford Ltd. London.
4. Kathryn Mckelvey and Janine Munslow (1997) Illustrating Fashion. Blackwell Scheice Ltd.
5. Max Tilke (1990) Costume Patterns and Designs Rizzoli, New York
6. Anne Morrell (1995) The Techniques of India Embroidery BT Batsford Ltd London
7. Prakash K. (1996) Heritage-Traditional Border Collection, The Design Point Publication
8. Prakash K. (1997) Expressions - Ethnic Indian Textile Designs, Deluxe Packaging
9. Prakash. K. (1989) Impressions. Deluxe Packaging.

HT

A

Dish

Shy

Shy

M.A. Home Science
(Clothing and Textile)
4th Semester
Paper-II
Entrepreneurship Management

Core

Code : CTA130002T

Credits - 4

M.M. 25+75=100

Objective:

- To promote entrepreneurship skills among the students
- To analyse the environment related to small scale industry and business
- To understand the process and procedures of setting up small enterprises
- To develop management skills for entrepreneurship development.

Content:

Unit - I

- Entrepreneurship - definition characteristics, types of entrepreneur, features of entrepreneurship,

Unit - II

- Agencies for development of entrepreneurship - Role of SSI, procedures and formalities for setting up SSI,

- Role of NSIC

Unit - III

- Personal effectiveness - factors affecting entrepreneur's role, effective communication skill, achievement motivation, goal orientation
- Psychological barriers to self employment creativity assertiveness, quick response.

Handwritten signatures and initials at the bottom of the page.

Unit-IV

- Management Techniques - Planning, organizing, appointing, Staff and Executing, controlling.

References.

1. Kanikar, A (1995) Crossroads Entrepreneurship, Entrepreneurs and Micro Enterprises in Rural India New Age International, New Delhi.
2. S.K.G. Sundaram: Entrepreneurship: A Hand Book for Beginners, S.N.D.T. Women's University, Mumbai.
3. G.R. Jain and Debmuni Gupta, New Initiatives in Entrepreneurship Education and Training ed.
4. W. Harrel (1995) for Entrepreneurs Only, New Jersey, Career,
5. Sarabhat Vikram (1974): Management for Development Vikas Publishing House Pvt. Ltd.
6. Michael Armstrong (1981): A handbook of Management Techniques, Kogan Page Limited.
7. K. Sadgrove (1997) The Complete Guide to Business Risk Management, Jaice Publishing House, Mumbai.
8. Coin, Melvec Case Studies in Marketing, Advertising and Public Relations. Eleinemann. London.

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

M. A. Home Science
(Clothing and Textile)
4th Semester
Paper-III-a
Fashion Marketing & Merchandising

Elective

Code : CTA130003T-a

Credits – 4

Objective:

- To Import knowledge regarding the marketing environm
prevalent merchandising practices to guide the proces
development towards the market needs.

Contents:

Unit I -

- Marketing and Merchandising core concept, marketing mix

Unit II - Marketing segmentation, targeting & positioning (STP)

- Concepts and method of market segmentation,
- need for positioning through various means
- formulation of positioning maps.

Unit III - Product in relation to fashion

- Product life cycle
- The process of product development
- The making of a brand, branding strategies
- Fashion promotion.

Unit IV - Promotion and Distribution :

- Role of promotion methods, advertising, Sales promotion,
different channels of distribution.

Reference:

1. Stone (1990) sample fashion merchandising MC Graw Publishing.
2. Kotler, P. Marketing Management
3. Wells, Burnette Morianty (1998) Advertsing - Principles and Practice 4 Edition. Prentice Hall.
4. Sen Gupta, Brand Positioning, Tata MC Graw Hill
5. Oleon Peter, Consumer Behaviour and Marketing Strategy 5 Edition MC Graw Hill Publishing.

Refin
She
Shin

M.A. Home Science
(Clothing and Textile)
4th Semester
Paper-III-b
Knitting Technology

Elective

Code : CTA130003T-b

Credits – 4

M.M. 25+75=100

Objective:

- To gain experience in hand knitting and machine knitting To know about Indian knitting industry To develop an understanding of the various knitting structure.
- To understand stitching of knitted garments.

Contents:

Unit I -

- Introduction to knitting-definition of knitting, basic structural terms and principle of knitting technology. Difference between knits and woven.

Unit II -

- Elements of knitted loop structure, four primary base structures (plain, rib, interlock, purl).

Unit III-

- Weft knitting and warp knitting terms and definition used related and warp knitting
- comparison of weft and warp knitting
- classification of weft knitting machines and warp knitting machines

Unit IV-

The structure of a flat knitting machine

1) Needle bed assembly.

Swati
Shalini
Shilpa
Shreya

- 2) The carriage.
 - 3) Yam feeding
 - 4) Needle brushes
 - 5) Fabric take-down
- Jacquard Knitting, intarsia knitting-Basic principle and stitches and their application.

References

1. David J. Spencer-Knitting Technology. Pergeman Press, U. K
2. Prof. D. B. Ajaonkar-Knitting Technology. University Publishing Co-operation, Bombay.
3. Dr. Samuel Raz-Flat Knitting Technology, Germany.
4. Terry Brackenbury -Knitted Clothing Technology-Blackwell Science

WIT

A

Shiz

Shiz

Ha



M.A. Home Science
(Clothing and Textile)
4th Semester
Paper-IV-a
Historic Costume and History of Fashion

Elective

Code : CTA130004T-a

Credits – 4

M.M. 25+75=100

Objective:

- To acquaint students the prevailing designs of costume worn by Indians during different periods.
- To develop sensitivity and understanding towards historic silhouettes and designs.
- To learn about the designers of international fame and their contribution to the fashion of today.

Contents

Unit I

- Clothing - origin and reasons.
- Why costume differ all over the world, material aspects and climate.

Unit II

- Costume in ancient Indian civilization Gupta, Rajput.

Unit III-

- Study of Traditional Textiles of India Patola, Brocade, Chanderi, Ikat, Sanganeri Prints, Kalambari and Madhubari

Unit IV-

- Study of Traditional Embroidery; Punjab Ki Phulkari, Chikankari of U.P., Kashida of Kashmir, Kantha, Chamba of Himachal, Kastuti of Karnataka, Embroidery Rajasthan and Gujarat etc.

[Handwritten signatures and initials]

Reference :-

1. J Anderson Black Muidge Garland A History of Fashion Orbis Publishing limited London
2. Boucher Franco is a History of costume
3. Genogina O Hara the encyclopedia of fashion, Thomas and Hudson.
4. Gini Stephens Frings: Fashion from concept to Consumer, Prentice Hall, N. Jersey

Handwritten signature

Palini

Handwritten signature

Shiv

M.A. Home Science
(Clothing and Textile)
4th Semester
Paper-IV-b
Textile Testing and Quality Control

Elective

Code : CTA130004T-b

Credits – 4

M.M. 25+75=100

Objective:

- To develop an understanding of methods and technique used to analyse textile fibre, yarns and fabrics for end-use performance
- To acquire knowledge and understanding of various structural properties of textiles and relate them to end use fabric performance and product.
- To familiarize students with the different testing equipment, their underlying principles and the international accepted standards, test methods and the language of measurement
- To be able to analyse and interpret the results and predict the general textile testing.

Contents

Unit I:

- Introduction to Textile Testing
- Concept and scope
- Application areas Use of statistics in data management
- Sampling procedures

Unit II:

- Total quality management (TQM) approach in the field of Clothing and Textile .

Unit III: Standardisation

- Standards for fabric performance.
- Organisations for Standardisation (National and International)
- Quality control of Textile products

Shalini

Shreya

A

Shrey

Shreya

- Quality standards as applicable to various types of textiles (Garments, yardage knits, woven, carpets processing, dyeing)

Unit IV: Concept of Statistical QC

- Sampling
- Test methods used
- Tolerance limits, CV%

References

1. Booth, J.E. Principles of Textile Testing - Newness Butter Worth, London
2. Billie, J. Collier and Helen H. Epps - Textile Testing and Analysis - Prentice Hall, New Jersey.
3. John, H. Skinkle-Textile Testing - Brooklyn, New York.
4. Grover and Hamby-Hand Book of Textile Testing and Quality Control, Wiles.
5. ISI Specifications, BIS Specification.
6. ASTM Standards.

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

[Handwritten signature]

M.A.Home Science
(Clothing and Textile)

4th Semester

Paper-V

Practical Related to Theory Papers


Practical

Code : CTA130005P

Credits – 4

M.M. 25+75=100

- 1) To create motif of Block design
- 2) To create motif of Screen Design
- 3) Presentation of Seminar on related topic
- 4) Market Survey
- 5) Organizing A programme - Display cum Sale
- 6) Preparation of sample using traditional embroidery.
- 7) Creation of Traditional Accessories



पंजाब विश्वविद्यालय
पंजाब

WED	THU	FRI	SAT

