



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

Department of Home Science

Program: Home Science

Semester : IIIrd

SCHEME

Course Name	Clothing & Textiles	Course Type	Theory/Practical
Course Code	HS03	Class	B.A. IIIrd Sem
Instruction Delivery	6 Hours/Week, Practicals-3, Theory-3		
Course Coordinator	Dr. Mamta	Course Instructors	Theory: Dr. Mamta Practical : Dr. Mamta

COURSE OVERVIEW

- Understanding Fashion
- Learning about textiles
- Learning about garment construction
- Learning about the apparel Industry
- Learning about quality and design of fabric
- Learning about fitting

PREREQUISITE

The prerequisite for clothing and textile to have knowledge of fabric construction methods, comfort aspects of textile materials.

COURSE OBJECTIVE

- Learn how to draft, cut and sew garments.
- Understand the processing and production techniques for fibers, yarn, fabric and other textiles.
- Explore the fashion design process
- Learn how to care for clothing and develop skills for designing.
- Understand the uses of textiles in Apparel, Home furnishing and commercial furnishing



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

COURSE OUTCOMES (COs)

After the completion of the course, the student will be able to:

CO No.	Course Outcomes
1	Students on describe textile fibers in term of their production and properties.
2	Understand various production techniques and properties of yarns.
3	Identify fabrics and relate it to specific products keeping in mind fabric properties and characteristics.
4	Understand various dyeing, printing and finishing techniques.
5	Students can also understand the laundry techniques.

COURSE CONTENT

Content	
UNIT-1	
Definition and classification of Fibres	
Properties and uses of Different Fibres: Cotton, Silk, Wool and Nylon	
UNIT-II	
Brief introduction of weaving, basic weaves-plain, twill and satin.	
Finishing Processes in Fabrics.	
(a) Meaning and Objectives of finishes.	
(b) Different types of Finishes: Calendaring, Sizing, Mercerizing, Crease Resistant.	
(c) Dyeing-simple dyeing and resist dyeing, dyeing at various stages.	
(d) Types of printing.	



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

UNIT-III

Selection of fabrics according to age, season, budget, occupation, figure, fashion and occasion.

Traditional embroideries of India (Phulkari, Kantha, Kashida and Chikankari)

Traditional textiles of India :-

(a) Traditional sarees of India (Baluchari, Banarsi, Chanderi, Patola and Bandhani)

(b) Other textiles-(Dhaka, Mulmul, Brocade)

UNIT-IV

Supplies necessary for Laundry:

(a) Soaps and Detergents-composition and manufacturing, difference between soaps and detergent.

(b) Types and uses of Starches, blues and bleaches.

(c) Different methods of Laundry.

(d) Reagents used in laundry: Acids, Alkalis, Solvents and Absorbents.

(e) Stain removal-Classification of stains, methods of removing different types of stains.



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

LESSON PLAN (THEORY AND TUTORIAL CLASSES)

SR. No	Topic to be Delivered	Tutorial Plan	Unit
1.	Definition and classification of Fibres	Practice questions on Fiber and Fabric	Unit - I
2.	Properties and uses of Cotton Fibre		
3.	Properties and uses of Silk Fibre		
4.	Properties and uses of Wool Fibre		
5.	Properties and uses of Nylon Fibre		
6.	Brief introduction of weaving	Practice questions on Weaving and finishing	Unit - II
7.	Basic weaves-plain		
8.	Twill and satin weave		
9.	Finishing Processes in Fabrics		
10.	Meaning and Objectives of finishes		
11.	Different types of Finishes: Calendaring		
12.	Sizing, Mercerizing		
13.	Crease Resistant.		
14.	Dyeing-simple dyeing and resist dyeing		
15.	dyeing at various stages		
16.	Types of printing		
17.	Selection of fabrics according to age, season, budget, occupation, figure, fashion and occasion.	Practice questions on Embroidery and Saree	Unit - III
18.	Traditional embroideries of India (Phulkari, Kantha		
19.	Kashida and Chikankari		



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

20.	Traditional sarees of India Baluchari, Banarsi		
21.	Chanderi, Patola and Bandhani		
22.	Other textiles-(Dhaka, Mulmul, Brocade		
23.	Supplies necessary for Laundry		
24.	Soaps and Detergents	Practice questions on Laundry	Unit - IV
25.	Composition and manufacturing		
26.	Difference between soaps and detergent.		
27.	Types and uses of Starches, blues and bleaches		
28.	Different methods of Laundry		
29.	Stain removal- Classification of stains		
30.	Methods of removing different types of stains.		
31.	Basic Stitches		
32.	Seams		
33.	Processes		
34.	Pleats and Darts		
35.	Placket Opening		
36.	Tucks (Pin and Cross)		
37.	Knitting		
38.	Tie and dye		
39.	Block Printing		
40.	Gathers		

Reference Books

1. Sweera Relhan : Clothing and Textile
2. Ritu Kapoor : Clothing and Textile



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

Web/Links for e-content

[https://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20\(Eng\)%20Ch-10.pdf](https://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20(Eng)%20Ch-10.pdf)

<https://www.britannica.com/science/soap>

PRACTICE QUESTIONS (QUESTION BANK)

S No	Problem
1	Define Fibers
2	Define Properties and uses of Cotton Fiber
3	Define Properties and uses of Silk Fiber
4	Define Properties and uses of Wool Fiber
5	Define Properties and uses of Nylon Fiber
6	Define Brief introduction of weaving
7	Define Basic weaves-plain
8	What is Twill and satin weave
9	Write about Finishing Processes in Fabrics
10	What is Meaning and Objectives of finishes
11	Explain Different types of Finishes: Calendaring
12	What is Sizing, Mercerizing
13	What is Crease Resistant.
14	Explain Dyeing-simple dyeing and resist dyeing
15	What is dyeing at various stages
16	Explain Types of printing
17	Explain Traditional embroideries of India (Phulkari, Kantha
18	Explain Kashida and Chikankari
19	Define Traditional sarees of India Baluchari, Banarsi
20	Define Chanderi, Patola and Bandhani
21	Explain Other textiles-(Dhaka, Mulmul, Brocade
22	Define Supplies necessary for Laundry



Sh. L. N. Hindu College, Rohtak (Haryana)

Course Plan

23	Define Soaps and Detergents
24	Define Composition and manufacturing
25	What is Difference between soaps and detergent.
26	Explain Types and uses of Starches, blues and bleaches
27	Define Different methods of Laundry