

**CBSE | DEPARTMENT OF SKILL EDUCATION
CURRICULUM FOR SESSION 2020-2021**

TEXTILE DESIGN (SUBJECT CODE-829)

JOB ROLE: DESIGN ASSISTANT (APPAREL/ TEXTILE)

RATIONALIZED CURRICULUM FOR CLASS XII

SESSION 2020-2021

Total Marks: 100 (Theory-60 + Practical-40)

	UNITS	NO. OF HOURS for Theory and Practical		MAX. MARKS for Theory and Practical	
Part A	Employability Skills				
	Unit 1 : Communication Skills-IV	10		10	
	Unit 2 : Self-Management Skills-IV	10			
	Unit 3 : ICT Skills-IV	10			
	Unit 4 : Entrepreneurial Skills-IV	15			
	Unit 5 : Green Skills-IV	05			
	Total	50		10	
Part B	Subject Specific Skills	Theory	Practical	Marks	
	Unit 1:Introduction to Chemical Processing: Pre-treatments	20	10	8	
	Unit 2: Textile Dyeing	30	17	12	
	Unit 3: Textile Printing	28	20	11	
	Unit 4: Introduction to Print Design and Print Design Techniques.	28	20	11	
	Unit 5: Embroidered Textiles	20	17	8	
	Total	126	84	50	
Part C	Practical Work				
	Practical Examination			15	
	Written Test			10	
	Viva Voce			5	
	Total			30	
Part D	Project Work/Field Visit				
	Practical File/Student Portfolio			10	
	Total			10	
	GRAND TOTAL	260			100

DETAILED CURRICULUM/TOPICS FOR CLASS XII

Part-A: EMPLOYABILITY SKILLS

S. No.	Units	Duration (in Hours)
1.	Unit 1: Communication Skills- IV	10
2.	Unit 2: Self-management Skills- IV	10
3.	Unit 3: Information and Communication Technology Skills- IV	10
4.	Unit 4: Entrepreneurial Skills- IV	15
5.	Unit 5: Green Skills- IV	05
	TOTAL DURATION	50

NOTE: For Detailed Curriculum/ Topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

Part-B – SUBJECT SPECIFIC SKILLS

- Unit 1: Introduction to Chemical Processing: Pre-treatments
- Unit 2: Textile Dyeing
- Unit 3: Textile Printing
- Unit 4: Introduction to Print Design and Print Design Techniques.
- Unit 5: Embroidered Textiles

DETAILED CURRICULUM:

UNIT 1 – INTRODUCTION TO CHEMICAL PROCESSING: PRE-TREATMENTS

Course Content:

- Textile chemical processing for fibers.
- Impurities present in the Natural and Synthetics Fibers.
- Elementary knowledge of processing.
- **Different processes e.g., singeing, de-sizing, scouring, bleaching and mercerizing*.**

Learning Outcomes: After finishing the course, students will be able to understand.

- Various technical terminology used in the industry.
- Various types of impurities present in the Substrates.
- The processes involved in removing impurities.

(*Note: To be assessed in Practicals only. No question shall be asked from this portion in Theory Exams)

UNIT-2: TEXTILE DYEING

Course Content:

- Introduction to traditional resist dyed textiles (Tie and Dye) textiles from different regions of India.
- Suitability of dyes and dyeing methods, Important classes of dyes for natural and man-made fibers, e.g., direct, acid, basic, vat, azoic, sulfur and dispersed dyes.

Learning Outcomes: After finishing the course, students will be able to

- Dye all kinds of Textile Fabrics.
- Select dyes as per the type of fabrics.

UNIT-3: TEXTILE PRINTING

Course Content:

- Introduction to various methods of printing, specific features and limitations of various methods, Such as Hand Block Printing (different styles on the basis of region), Hand Screen printing, Roller Printing and Heat Transfer Printing.
- Style of Printing (Direct Prints, Discharge Prints, Resist Prints, Warp Prints, Blotch Prints, Duplex Prints) & their Specific feature for their Identification.

Learning Outcomes: After finishing the course, students will be able to understand

- Various terminology used in textile printing.
- Styles and methods involved in printing.
- Various effects produced by various styles of prints.
- Limitation of the printing methods.

UNIT-4: INTRODUCTION TO PRINT DESIGN AND PRINT DESIGN TECHNIQUES.

Objectives of the Course:

- Understanding Textile Design, repeat and layout.
- To develop an understanding for surface design development.
- To sensitize students towards various types of Prints.
- To understand forms, shape and color combinations for various categories.
- To sensitize students towards specific influencing forms, objects and shapes.
- To develop an ability to recognize the design in each type of print.

Learning Outcomes: After finishing the course, students will be able to

- Identify the pattern, repeat and layout.
- After completing the unit, the students shall be able to.
- Understand forms and color combinations.
- Develop an understanding for various categories of prints.
- Identify the types of prints.

Course Content

- **Various aspects of Design: color wheel, layout and repeats.***
- Print Categories
 - Introduction to various types of Design and their categories.
 - Geometric prints.
 - Floral prints
 - Animal prints.
 - Ethnic prints.
 - Dot prints
- **Print Design Techniques***
 - **Etching Technique***
 - **Stamping and Sponge Technique***
 - **Dry Brush Technique and Stencil Technique***
 - **Collage Technique**

(*Note: To be assessed in Practicals only. No question shall be asked from this portion in Theory Exams)

Methodology of Teaching:

- Illustrated lectures
- Demonstration and Practical Assignments

Reference Books:

- S. Meller, J. Elfers Thames and Hudson Ltd. Textile designs – 200 years of patterns for Textiles.
- Carol Joyce – Watson- Guptill publication– 1997, the complete Guide to Printed Textile for apparel and Home Furnishing.

UNIT 5: EMBROIDERED TEXTILES

Objectives of the unit:

- To introduce the technique of embroidery for value-addition.
- To create awareness about the different embroidered textiles of India.
- To initiate identification of regional embroideries developed by various communities.
- To understand the origin of technique and design with reference to colours, motifs, layouts of different embroidered textiles.

Learning Outcomes: After completing the unit, the students shall be able to

- Classify the regional embroideries of India.
- Identify a specific embroidery style of India on the basis of colours, motifs and layout.
- Identify the influencing factors for development and evolution of a specific embroidered textile.

Course Content

- Introduction to traditional embroidered textiles from different regions of India.
 - Kashida from Kashmir
 - Phulkari from Punjab
 - Kantha from West Bengal.
 - Chikankari from Uttar Pradesh
- Study of above mentioned regional embroideries with reference to origin, technique, raw material, colours, motifs and layout.

Methodology of Teaching

- Illustrated lectures.
- Visit to local museums/exhibitions of craft based products.

(*Note: To be assessed in Practicals only. No question shall be asked from this portion in Theory Exams)