

APPAREL (Code 414)
SESSION-2019-20
JOB ROLE: Hand Embroider
(QUALIFICATION PACK: Ref. Id. AMH/Q1001)
SECTOR: Apparel, Made-Ups and Home Furnishing

COURSE OVERVIEW

COURSE TITLE: Apparel, Job role- Hand Embroiderer

A hand Embroiderer is one who should be able to do all types of embroidery work effectively. Embroidery is the handicraft of decorating fabric or other materials with needle and thread or yarn. Embroidery may also incorporate other materials such as, pearls, beads, quills, and sequins. Today, embroidery is most often seen on caps, hats, coats, blankets, dress shirts, denim, stockings, and golf shirts. Embroidery is available with a wide variety of thread or yarn colour.

Embroidery is an expression of self, rendered with patience and dedicated hard work, it is an art rightly described as "painting by needle". Embroidery adds grace and elegance, life and style even into articles of everyday use. Indian embroidery takes its inspiration from nature and religion. The colour, the base the theme and the style are reflective of a particular region.

A good embroidery is not an easy thing to do. Embroidery is an art. A high concentration as well as watchfulness is very required to be successful in embroidery. People would like to concentrate heavily while attempting to tailor, to patch, to fix and to strengthen clothes in the sewing process. The other thing that leads to the art in embroidery is the probabilities to craft a big variety of decorations.

COURSE OUTCOMES: On completion of the course, student should be able to:

- Apply effective oral and written communication skills to interact with people and customers.
- Identify the principal components of a computer system.
- Demonstrate the basic skills of using computer.
- Demonstrate self-management skills.
- Demonstrate the ability to provide a self-analysis in context of entrepreneurial skills and abilities.
- Demonstrate the knowledge of the importance of green skills in meeting the challenges of sustainable development and environment protection.
- Narrate historical perspective of hand embroidery.

- Explain terms related to hand embroidery.
- Define types and transferring of tracing methods of design.
- Identify the materials used for different types of embroidery.
- Perform the various flat and loop and Knot stitches.
- Identify embroidery defects and their rectification.
- Narrate precautionary measures used while doing embroidery.
- Explain finishing of embroidered products.
- Estimate costing of embroidered products.
- Describe elements and principles of design.
- Explain colour, colour schemes and Colour wheel.
- Perform traditional embroideries of India.
- Identify the combination and application of embroidery stitches on a motif.
- Explain specification sheet and place the designs on different garment areas.
- Explain the finishing of embroidered garments, quality check and inspection process of an embroidery unit.
- Narrate organizational rules, policies and importance of personal health and hygiene.
- Identify organizational hazards, safety measures and the importance of cleaning and maintenance at workplace.

COURSE REQUIREMENTS: The learner should have the basic knowledge of Textile and Clothing.

COURSE LEVEL: This is a beginner level course. On completion of this course, a student can take up an Intermediate level course for a job role in Apparel, Made-ups and Home Furnishing in Class XI and XII.

Class IX

Total Marks: 100 (Theory-50+Practical-50)

SCHEME OF UNITS

This course is a planned sequence of instructions consisting of Units meant for developing employability and vocational competencies of students of Class 9 and 10 opting for vocational subject along with general education subjects. The unit-wise distribution of periods and marks for Class 9 is as follows:

CLASS IX			
	Units	No. of periods for Theory and Practical 200	Max. Marks for Theory and Practical 100
Part A	Employability Skills		
	Unit 1: Communication Skills – I	10	10
	Unit 2: Self-management Skills – I	10	
	Unit 3: Information and Communication Technology Skills – I	10	
	Unit 4: Entrepreneurial Skills – I	15	
	Unit 5: Green Skills – I	05	
		50	10

Part B			
	Unit 1: Basics of Hand Embroidery	25	
	Unit 2: Material and Basic Stitches for Hand Embroidery	35	
	Unit 3: Embroidery Defects and Finishing	25	
	Unit 4: Organizational Rules	20	40
	Unit 5: Hazards, Safety Measures, Cleaning and Maintenance at Workplace	20	
		12 5	
Part C	Practical Work		
	Practical Examination	06	15
	Written Test	01	10
	Viva Voce	03	10
	Total	10	35

Part D	Project Work/Field Visit		
	Practical File/Student Portfolio	10	10
	Viva Voce	05	05
	Total	15	
	Grand Total	50+125+25=200	100

Note:-Detailed Curriculum/ Topics to be covered under employability skill can be downloaded for CBSE website.

Part B

Unit 1: Basics of Hand Embroidery			
Learning Outcome	Theory	Practical	
1. Narrate history of hand embroidery	1. History of hand embroidery		
2. Define terms related to hand embroidery	1. Terms related to embroidery	1. Make a chart of terms related to hand embroidery	
3. Explain types of design with the help of examples	1. Types of design: <ul style="list-style-type: none"> <input type="checkbox"/> Natural <input type="checkbox"/> Floral <input type="checkbox"/> Abstract <input type="checkbox"/> Geometrical <input type="checkbox"/> Tribal <input type="checkbox"/> Mythological <input type="checkbox"/> Architectural <input type="checkbox"/> Stylized <input type="checkbox"/> Nursery 	1. Draw a motif of all types of designs in the practical file	

4. Demonstrate tracing methods to transfer the designs on the desired	1. Tracing methods: <input type="checkbox"/> Using carbon paper	1. Prepare samples of different tracing methods used for	
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Unit 1: Basics of Hand Embroidery		
Learning Outcome	Theory	Practical
articles	<input type="checkbox"/> Using light source <input type="checkbox"/> Using heat transfer <input type="checkbox"/> Using stencil <input type="checkbox"/> Using prick and pounce method	embroidery

Unit 2: Material and Basic Stitches for Hand Embroidery		
Learning Outcome	Theory	Practical
1. Define materials used for different types of embroidery	1. Material used for embroidery: <input type="checkbox"/> Fabric <input type="checkbox"/> Types of Needles <input type="checkbox"/> Threads <input type="checkbox"/> Frames <input type="checkbox"/> Other Materials	1. Write about different types of materials used for embroidery in the practical file
2. Perform different types of flat stitches	1. Types of basic stitches:- Flat stitches: <input type="checkbox"/> Running stitch <input type="checkbox"/> Stem stitch <input type="checkbox"/> Back stitch <input type="checkbox"/> Split stitch <input type="checkbox"/> Cross stitch <input type="checkbox"/> Herringbone stitch <input type="checkbox"/> Couching stitch	1. Practice different types of flat stitches, prepare their samples and paste in practical file

3. Perform different types of loop stitches	1. Loop stitches: <input type="checkbox"/> Chain stitch <input type="checkbox"/> Lazy daisy stitch <input type="checkbox"/> Blanket stitch <input type="checkbox"/> Buttonhole stitch <input type="checkbox"/> Feather stitch <input type="checkbox"/> Fly stitch	1. Practice different types of loop stitches, prepare their samples and paste in practical file

Unit 3: Embroidery Defects and Finishing		
Learning Outcome	Theory	Practical
1. Identify embroidery defects and rectify them	1. Defects arising while doing embroidery like fabric damage, gapping, missed trims, thick embroidery, poor	1. Identify the defects arising while doing embroidery and rectify them

Unit 3: Embroidery Defects and Finishing		
Learning Outcome	Theory	Practical
	hooping, etc. and their rectification	
2. Describe precautionary measures used while doing embroidery	1. Precautionary measures while doing embroidery work like: use of proper light, magnifying glass, protection tools like thimble, hand care,	1. Write precautionary measures used while doing embroidery in practical file

	etc.		
3. Explain finishing process of embroidered products	1. Methods of finishing embroidered products	1. Write steps of finishing of embroidered products in practical file	
4. Describe costing of embroidered products	1. Factors affecting costing of embroidered products	1. Write factors affecting costing of garments and embroidered products in practical file 2. Visit an industry and prepare a report	

Unit 4: Organizational Rules

Learning Outcome	Theory	Practical	
1. Explain organizational rules, policies, and procedures	1. Rules, policies, and procedures that should be followed by an organization	1. Write organizational rules, Policies, procedures in practical file	
2. Explain and practice personal health and hygiene	1. Importance and different aspects of personal health and hygiene	1. Practice good personal health and hygiene at workplace 2. Visit an industry and prepare report	

Unit 5: Hazards, Safety Measures, Cleaning and Maintenance at Workplace

Learning Outcome	Theory	Practical	

1. Explain organizational hazards, and safety	1. Organizational hazards and safe working practices	1. Write organizational hazards and safe working practices in	
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Unit 5: Hazards, Safety Measures, Cleaning and Maintenance at Workplace

Learning Outcome	Theory	Practical	
measures	followed in an organization	practical file	
2. Describe the importance of cleaning and maintenance	1. Important aspects of cleaning and maintenance at workplace	1. Demonstrate cleaning and maintenance at workplace 2. Visit an industry and prepare report	

ORGANISATION OF FIELD VISITS

In a year, at least 3 field visits/educational tours should be organised for the students to expose them to the activities in the workplace.

Visit Boutiques, Market, Workshops, relevant industries and small units to observe the following: Location, Site, Office building, Store, Fabric yard, Packing area, Fabric store and Industrial machines. During the visit, students should obtain the following information from the owner or the supervisor of the industry:

1. Area under industry and its layout
 2. Departments in industry
 3. Work culture and environment of various departments
 4. Various Embroidery Machines
- * Tools and Equipment used in embroidery
 - * Different buyers the company deals with
 - * Product range of the industry
 - * Understand time and action calendar
 - * Manufacture, export, import
 - * Sale procedure
 - * Manpower engaged
 - * Total expenditure
 - * Total annual income
 - * Profit/Loss (Annual)
 - * Any other information

LIST OF EQUIPMENT AND MATERIALS

The list given below is suggestive and an exhaustive list should be prepared by the Vocational teacher. Only basic tools, equipment and accessories should be procured by the Institution so that the routine tasks can be performed by the students regularly for practice and acquiring adequate practical experience.

- (i) Embroidery Threads
- (ii) Cotton threads , Silk Threads, metallic threads
- (iii) Embroidery Frames or Hoop
- (iv) Fabric
- (v) Hand Needles
- (vi) Trimmer
- (vii) Needle Threader
- (viii) Stitch Opener
- (ix) Tracing paper or Butter Paper
- (x) Carbon Paper

- (xi) Glue (to stick the stones)
- (xii) Ruler or Scale
- (xiii) Pencil, Colour Pencils
- (xiv) Sharpener
- (xv) Butter Paper
- (xvi) Tailor's Chalk
- (xvii) Stones: Glass stones, Plastic stones, Precious stones, Semi Precious Stones.
- (xviii) Crystals
- (xix) Zardosi
- (xx) Zari
- (xxi) Kora
- (xxii) Beads
- (xxiii) Sequins
- (xxiv) Pearls
- (xxv) Gotta
- (xxvi) Mirrors (plastic, Glass)
- (xxvii) Ribbon
- (xxviii) Scissors: Dress maker scissors, Small pointed Scissor, Pointed scissors,
Zigzag or Pinking scissors
Thread Cutter
Unpicker
Thimble
Fabric Glue (to stick the stones)
Measuring Tape
Iron
Beaded Pins

VOCATIONAL TEACHER'S/ TRAINER'S QUALIFICATION

The suggestive qualifications and minimum competencies for the vocational teacher should be as follows:

S.No.	Qualification	Minimum Competencies	Age Limit
1.	Post-graduation in Textile and Clothing or Relevant area from a recognized Institute/University, with at least 1 year work/teaching experience in Textile and Clothing	<input type="checkbox"/> Effective communication skills (oral and written) <input type="checkbox"/> Basic computing Skills	18-37 years (as on Jan. 01 (year)) Age relaxation to be provided as per Govt. Rules

