

SYLLABUS FOR
EMBROIDERY & NEEDLE WORK

UNDER
CRAFTSMEN TRAINING SCHEME

As approved by
GOVERNMENT OF INDIA

In consultation with
**THE NATIONAL COUNCIL FOR
VOCATIONAL TRAINING**

Issued by
GOVERNMENT OF INDIA

MINISTER OF LABOUR
**DIRECTORATE GENERAL OF
EMPLOYMENT & TRAINING
NEW DELHI**

1999 (Revised)

@ COPYRIGHT RESERVED

*Sole Publishers & Distributors of
all Trades Syllabi*

SYLLABUS OF EMBROIDERY & NEEDLE WORK UNDER CRAFTSMAN TRAINING SCHEME

General Introduction

1. Course Objective

The objective of the course is to give the trainees the necessary skills and knowledge in embroidery techniques by hand, treadle, sewing machine and automatic zigzag lock stitch machine so that they are able to seek self employment or industrial employment as semi-skilled workers.

2. Trainee Entry Level

Passed 10th class or its equivalent.

3. Duration of Training

One year.

4. Modular break up of course

- I. Hand Embroidery**
- II. Machine Embroidery**
- III. Drawing, Colour & Design**

5. No. of trainees in a unit :16

6. Trainee Exit Level

On completion of course of one year, the trainees are expected to be able to:

- (a) Use tools and equipments required for embroidery and needle work.
- (b) Identify fabrics in relation to the trade.
- (c) Stitch & embroidery by hand, treadle sewing machine and automatic zig zag lockstitch machine.
- (d) Estimate material for various articles and house hold linen.

Note: The course content for the subject of social studies being common for all trades are not in-corporate in the syllabus.

(2)

MODULE – I
HAND EMBROIDERY
PRACTICAL

A. BASIC STITCHES

(a) Flat Stitches

1. Running Stitch
2. Back Stitch
3. Stem Stitch
4. Satin Stitch
5. Kashmiri Stitch
6. Couching Stitch
7. Cross Stitch
8. Herringbone Stitch

(b) Loop Stitches

1. Chain Stitch
2. Lazy-daisy Stitch
3. Button hole Stitch
4. Blanket Stitch
5. Fishbone Stitch
6. Feather Stitch
7. fly Stitch

(c) Knotted Stitches

1. French knot Stitch
2. Double knot Stitch
3. Bullion knot Stitch

Note: The practical exercises on “Basic Stitches” shall consist of sample pieces to be presented in the form of a file.

(B) COMBINATION OF STITCHES & WORK STYLES

1. Lazy-daisy, stem French knot and bullion knot stitches.
2. Satin, chain, button hole stitches & different types of edges (hem stitch, scallops, lace & rolled hem)
3. Long & short, shade work, satin & French knot stitches.
4. Applique work.
5. Cross Stitch.
6. Tapestry Stitch.
7. Shadow work.
8. Mirror work.
9. English Smocking.
10. Cut work.
11. Sindhi Work

Note: About 10 utility articles shall be prepared covering practice of different combinations of stitches and work styles.

THEORY

1. Embroidery tools & equipment.
2. Categories of basic stitches of hand embroidery-their techniques and applications.
3. Embroidery threads and their classification.
4. Selection of threads & needles according to the texture and fibre of the material.
5. Tracing technique.
6. Tracing methods.
7. Ironing & finishing of the embroidered articles.
8. Identification of fiber and their characteristics.
9. Shade work, its kinds, techniques & characteristics.
10. Applique work.
11. Smocking –its kinds and uses.
12. Cut work- its kinds and uses.

MODULE - II

MACHINE EMBROIDERY

PRACTICAL

A. BASIC STITCHES

(a) On Treadle Sewing Machine

1. Running Stitch
2. Satin Stitch
3. Cording Stitch
4. Long & Short Stitch
5. Stem Stitch
6. Back Stitch

(b) On Automatic Zigzag Lock Stitch Machine

1. Running Stitch
2. Satin Stitch
3. Cording Stitch
4. Stem Stitch
5. Zig-Zag Stitch

Note: The practical exercises on “Basic Stitches” shall consist of sample pieces to be presented in the form of a file.

B. COMBINATION OF BASIC STITCHES & WORK STYLES

- (a)
1. Running shade work
 2. **Cording & satin stitch**
 3. Eyelet work
 4. Applique work
 5. Shade work and round
 6. Cut work and open work
 7. Pin stitch & pitch stitch
 8. China Embroidery & fancy embroidery

(b) On Automatic Zig-Zag Lock Stitch Machine

1. Running & Running shade work
2. Cording & satin stitch
3. Stem Stitch & satin stitch
4. Applique work

Note : About ten utility articles shall be prepared covering practice of different combinations of stitches & work styles.

1. Machine parts & their functions.
2. Mechanical faults & their remedies.
3. Care and maintenance of machines.
4. Machine attachments and their uses.
5. Machine Tension (for the use of different stitches and work styles)
6. Selection of material for different types of Embroidery work and for the different articles
7. Standard sizes of house hold linens.
8. Embroidery accessories.
9. Methods of shrinking, washing starching, finishing, folding and packing of garments.
10. Estimation and costing of readymade articles.

MODULE – III DRAWING, COLOUR & DESIGN PRACTICAL/THEORY

- | | | |
|----|--|---|
| 1. | Line
Types of lines
Position of forms | - Straight, curved, dotted, zig zag, etc.
- Vertical, horizontal, diagonal & oblique. |
| 2. | Types of forms | -Geometrical, natural, decorative & free hand. |
| 3. | Sketching & Monogram | -Free hand-Natural (Flowers, Leaves etc.)
Garments – Ladies, Gents, Children Stitches, hems, etc. |
| 4. | Lettering & Monogram | -Use of stencils (English & Devnagiri)
Sizes : 1.5 cm & 2.5 cm
Monogram with help of stencils
- Grid Method(Square/scale method) |
| 5. | Enlargement & Reduction
of forms/design | |
| 6. | Types of Colour &
Tones of Colour | Primary, Secondary, Neutral, Cool & warm
- Tint, Tone & Shade. |
| 7. | Colour wheel &
Colour schemes | - 1. colour-colour wheel
- 2. Monochrome
3. Contrast
4. Related
5. Neutral (Black & White & Gray)
6. Complementary
7. Multicolour |

Note: Special Art Instructor must be appointed for four & more units & where there are loss units, & where there are loss units, guest faculty for art must be provided.

TRAINING SCHEDULE

NO. OF HOURS PER WEEK

Module/Subject	Theory	Practical	Total
I. Hand Embroidery	2	15	17
II. Machine Embroidery	2	15	17
III. Drawing, Colour & Design Social Studies	-	05	05
Total	5	35	40

AMENDED EXAMINATION SCHEME FOR “EMBROIDERY & NEEDLE WORK” UNDER “CRAFTSMAN TRAINING SCHEME”

MM: 200

Sl. No.	Subject	Exam Marks	Sessional Marks	Total	Duration of Exam.
1.	Trade Theory (Module No I, II & III)	30	-	30	3 hrs.
2.	Practical : (a) Machine.Emb. (b) Hand Emb.	50 50	-	100	6.hrs.
3.	Social Studies	50	-	50	2. hrs
4.	Sessional		20	20	
	Total	180	20	200	

Note: For pass a candidate must secure minimum 40% marks in theory, 35% marks in Social studies & 60% marks in practical for final & sessional exam. Separately.

LIST OF MACHINES TOOLS, EQUIPMENT AND FURNITURE FOR THE TRADE OF EMBROIDERY & NEEDLE WORK UNDER CRAFTSMEN TRAINING SCHEME FOR A BATCH OF 16 TRAINEES (PLUS 20% SUPER NUMERIES)

S.NO.	Description	Quantity
	A. Handi Tools	
1.	Scissors size 20 cm	20
2.	Shears size 10 cm	20
3.	Stiletto	20
4.	Ripper (Stitch opener)	20
5.	Embroidery Rings/Frame size 10 cm	20
6.	Embroidery Rings/Frame size 20 cm	20
7.	One meter measuring tape	20
	B. Equipment	

8.	Treadle type sewing machine	10
9.	Zig-zag Lock Stitch Automatic Embroidery Machine	10
10.	Thermostatically Controlled Pressing Iron	02
11.	Pressing Board	02
12.	Light Box (Height 3 Top 4 *3)	02
13.	Desk Type Calculator with listing facility	01
14.	L Square	04
15.	Screw Driver Set	04
16.	Tracing Wheel	04
17.	Plastic scale (30 cm)	04
18.	Ordinary Geometrical Instrument Box	04
19.	Wall Clock	01
C. Furniture		
20.	Instructor's Table	01
21.	Instructor's Chair	02
22.	Locker Cabinet with 8 lockers	02
23.	Steel Almirah	02
24.	Low seated chairs	20
25.	Instructor's Tools & Accessories with lockable drawers	01
26.	Chair without arms with adjustable back and seat	20
27.	Table for cutting & pressing purpose 6'*3'*3'	02
28.	Wall show case 120*75 cm	04
29.	Chalk Board	01
30.	Display Stand	01
31.	Hanger	12
32.	Floor Covering (Carpet or PVC)	01

Note: The tools/equipment/furniture & space may be shared between two units of the trade. However, Hand Tools (item Nos. 1 to 7, 13 to 18 and Instructor's & trainees furniture (Item Nos. 1to 7, 13 to 18) and Instructor's & trainees furniture (item Nos. 20 to 23 & 25) May be duplicated for the second unit.