

CURRICULUM FOR SIX MONTH CERTIFICATE COURSE

FOR

COMMUNITY DEVELOPMENT THROUGH POLYTECHNIC SCHEME

IN

EMBROIDERY & KNITTING

UNDER DEVELOPMENT

Prepared By

CURRICULUM DEVELOPMENT CELL

**INSTITUTE OF RESEARCH, DEVELOPMENT TRAINING,U.P.,
KANPUR-208002**

SIX MONTH CERTIFICATE COURSE
IN
EMBROIDERY & KNITTING

Sl. No.	Module	Name of Module	Duration
1.	Module 1	Hand Embroidery	12
2.	Module 2	Machine Embroidery	12

MAIN FEATURES OF THE CURRICULUM

1. Title of the Course : Certificate course in **EMBROIDERY & KNITTING**
2. Duration of the Course : Six Month
3. Type of the Course : Full Time Institutional
4. Entry Qualification : Passed 10th class or its equivalent.

MODULE – I : HAND EMBROIDERY

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.

PRATCTICAL

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.

MODULE – II : MACHINE EMBROIDERY

THEORY

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.

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.

**LIST OF MACHINES TOOLS, EQUIPMENT AND FURNITURE
FOR
THE TRADE OF EMBROIDERY & KNITTING
FOR A BATCH OF 16TRAINEES (PLUS 20% SUPER NUMERIES)**

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.