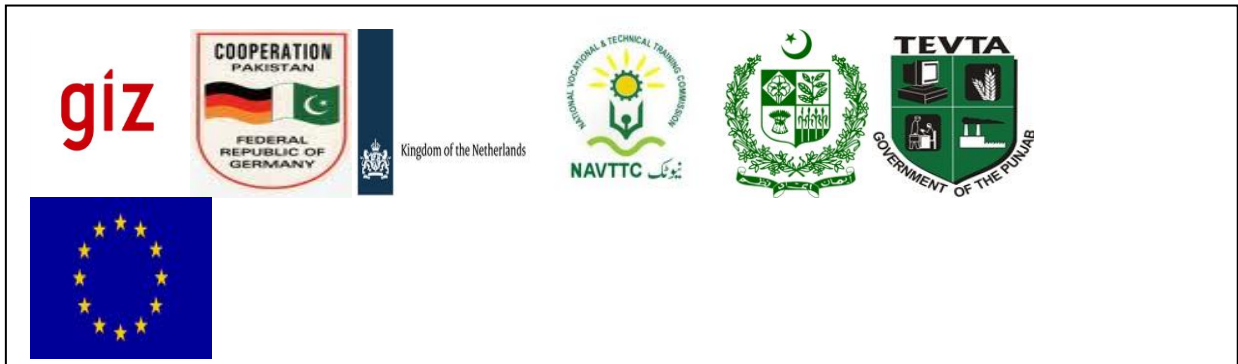


# CURRICULUM FOR MACHINE & HAND EMBROIDERY

**6-MONTHS**  
**(Certificate course)**

National Vocational & Technical Training Commission, Islamabad (February, 2012)



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## **TRAINING AIMS & OBJECTIVES**

This course also aims at imparting practical skills and theoretical knowledge of different embroidery stitches to the trainees & introduce the principles of drawing and designing.

The major objectives of this course are to:

- Enable the trainees to make creative designs in embroidery & prepare dresses by using these embroidery stitches.
- Capable of identifying new opportunities in craft, textile art and fashion and design markets.
- Produce trainees capable of designing embroidery by different stitches.

## **CURRICULUM SALIENT POINTS**

Entry level	:	Middle.
Duration of course.	:	6-months.
Total training hours.	:	600 hours.
Training hours per day.	:	5-hours.
Training hours per week	:	25 hours.
Training Methodology.	:	90% Practical 10% Theory

## **SKILL PROFICIENCY DETAILS**

After completion of this course, a trainee should be able to:

1. Use skills regarding operation of foot, electric embroidery machines.
2. Make different hand and machine embroidery stitches.
3. Develop the ability to create creative designs in embroidery.
4. Carry out various embroidery design/stitches to prepare dresses/other products.
5. Deal with market stakeholders, materials and machines.
6. Handle sophisticated tools and instruments.

## **KNOWLEDGE PROFICIENCY DETAILS**

After completion of this course a trainee should be able to:

1. Understand and explain the parts of the paddle machine and electric embroidery machines.
2. Explain awareness of embroidery stitches and their application on different dresses.
3. Describe various techniques/designs of stitches by using one embroidery machine.
4. Identify various color schemes and their application in dress making.
5. Express the values and demands of the market and society.
6. Elaborate the techniques of making the different stitch with hand i.e. pin stitch, chain stitch, fancy stitches, long and short stitch, shade stitch, Sindhi stitch, mirror work etc.
7. Define the principles of drawing and designing.

**SCHEME OF STUDIES**  
**Machine & Hand Embroidery (6-Month) Course**  
**Module-1 Machine Embroidery**

Sr. No	Main Topics	Theory Hrs.	Practical Hrs.	Total Hrs.
1.	Introduction & Principles of Machine Embroidery	4	-	4
2.	Types of Machines, their parts, Operation & Maintenance	4	2	6
3.	Drawing & Tracing	4	4	8
4.	Color Scheme & quality of threads in Machine Embroidery	6	2	8
5.	Designing of Dress for different occasions/innovation/new trends and techniques	8	-	8
6.	Making of different Stitches	4	90	94
7.	Projects	-	160	160
8.	Work Ethics	-	12	12
<b>Total</b>		<b>26</b>	<b>270</b>	<b>300</b>

**Module-2 Hand Embroidery**

Sr. No	Main Topics	Theory Hrs.	Practical Hrs.	Total Hrs.
1.	Introduction of Hand Embroidery	5	-	5
3.	Drawing & Tracing	7	5-	12
4.	Color Scheme & quality of threads in Hand Embroidery	9	-	9
5.	Designing of Dress for different occasions/innovation/new trends and techniques	8	-	8
6.	Making of different Stitches Describe the background of stitches	4	90	94
7.	Projects: <ul style="list-style-type: none"> <li>• Shirt &amp; Duppatta</li> <li>• Wall Hangings</li> </ul>	-	160	160
8.	Work Ethics	-	12	12
<b>Total</b>		<b>33</b>	<b>267</b>	<b>300</b>

## DETAIL OF COURSE CONTENTS

### Module-1 Machine Embroidery

Sr. No	Detail of Topic	Theory Hours	Practical Hours
1.	<b>Introduction &amp; Principles of Machine Embroidery</b> 1.1.1 Importance and use of machine embroidery 1.1.2 Principles of machine embroidery	2  2	
2.	<b>Types of Machines, their parts, Operation &amp; Maintenance</b> 2.1 Types of foot machines 2.2 Part of machine its operation and maintenance 2.3 Defects of machine and remedies 2.4 Health and safety issues	1 1 1 1	1  1
3.	<b>Drawing &amp; Tracing</b> 3.1 Importance of drawing and tracing 3.2 How to make a trace 3.3 Method of tracing on different material 3.4 Fixing of cloth in frame	2 1 1	1 1 2
4.	<b>Color Scheme &amp; quality of threads in Machine Embroidery</b> 4.1 Mixing of color in machine embroidery 4.2 To create aesthetic cause of color texture and design 4.3 Use of different quality of threads according to material 4.4 Proper finishing	1 2 2 1	1   1
5.	<b>Designing of dress for different occasions</b> -Casual wear, party wear, bridal wear	3	5
6.	<b>Making Of Different Stitches</b>		

	6.1 Describe the background of stitches	8	
	6.2 Making of different stitches on stitch fir, stem, chain, satin, pin stitch, pansy stitch, rummies stitch, aplic, long and short, darkish, bead stitch, velvet stitch, chine stitch, shade stitch, quilting, quilting, cut work, eye let, bead work.		86
<b>7</b>	<b>Projects:</b>		
	7.1 Making dresses according to fashion by using different stitches		50
	7.2 Making wall hanging		50
	7.3 Making bed sheets		60
<b>8</b>	<b>Work Ethics</b>	4	8
	<b>Total</b>	<b>33</b>	<b>267</b>

## **Module-2** **Hand Embroidery**

Sr. No	Detail of Topics	Theory Hours	Practical Hours
1	<b>1.1 Introduction of hand Embroidery</b>		
	1.1.3 Importance and use of hand embroidery	2	
	1.1.4 Principles of hand embroidery		
	<b>1.2 Drawing &amp; Tracing</b>	3	
	1.2.1 Importance of drawing and tracing		
	1.2.2 How to make a trace		
	1.2.3 Method of tracing on different material	3	
	1.2.4 Fixing of cloth in frame		3
	<b>1.3 Color Scheme &amp; quality of threads in Hand Embroidery</b>	1	2
	1.3.1 Mixing of color in hand embroidery		3
	1.3.2 To create aesthetic sense of color texture and design		
	1.3.3 Use of different quality of threads according to material and proper finishing	1	2
		1	2
	<b>1.4 Designing of dress for different occasions</b>		

	<p><b>1.5 Making of different Stitches</b></p> <p>1.5.1 Introduction of stitches and its background</p> <p>1.5.2 Making of different stitches as, stem stitch, Lazy dazy, Long and short stitch, Cross stitch (single &amp; double), Chain stitch, Shade work, Shadow stitch, Aplic work, Tarkashi, Reli work, Round stitch, Rose stitch, Button hole, Fancy stitch, Satin stitch, Spider stitch, Knot stitch, Pin stitch, Sindhi stitch, Bead stitch, Mirror work, Bead work. , Cut work, Quilting, knot stitch, Moti tanka, Mukaish.</p> <p><b>1.6 Projects:</b></p> <p>1.6.1 Making dresses according to fashion by using combination of stitches</p> <p>1.6.2 Making wall hanging/bed sheets</p>	1	2
		3	5
		6	88
			100
			60
<b>2</b>	<b>Work Ethics</b>	<b>4</b>	<b>8</b>
	<b>Total</b>	<b>20</b>	<b>280</b>



**LIST OF MACHINERY / EQUIPMENT / TOOLS**  
(For a Class of 25 Students)

Name of Trade	Machine Embroidery
Duration of Course	6-Months

Sr.No.	Equipment / Tools	Quantity
1.	Foot Machines	25
2.	Puff Goda Machine	25
3.	Design Books	10
4.	Tracer	02
5.	Tables (3'x2')	25
6.	Chairs without arms.	25
7.	Teacher Chair	01
8.	Teacher Table	01
9.	Showcase	1
10.	Display stand	2
11.	Hangers	12
12.	White Craft Glue	10
13.	Appliqué Scissors	5
15.	Normal Scissors	10
16.	Hand Embroidery Ring/Frames	25
17.	Machine Embroidery Ring/Frames	25
18.	Embroidery Thread	As required
19.	Hand Needles	30
20.	Machine Needles	30
21.	Perforated Paper	As required
22.	Cloth	As required

## **MINIMUM QUALIFICATION OF TEACHERS**

3-year D.D.M from Poly Technic Institute with 2–Years teaching experience.

OR

F.A plus two year Dress making course with optional subject Machine and Hand Embroidery from technical training institutes plus 2-years experience of Machine Embroidery.

## **EMPLOYABILITY OF PASS OUTS**

The pass-out of this course may work in the following sectors / areas and positions:

1. They can work at home for domestic purpose as well as cottage industry.
2. Pass out may join any garment industry and with further training in entrepreneurial skills, pass-outs can become entrepreneurs.

## **REFERENCE BOOKS**

Magazine related to fashion and dress designing

Research through internet magazines

## **STANDING OPERATING PROCEDURE FOR EVALUATION OF SHORT COURSE STUDENTS**

Following procedure will be followed for the evaluation of students of short courses: -

- 1 Admitted students will be registered with the Punjab Board of Technical Education Lahore within one month after the last date of admission.
- 2 The testing of the students shall be carried out as follows: -

a. **Grading System (Theory & Practical).**

A+	Grade from 80% and above.
A	Grade from 70% to 79%.
B	Grade from 60% to 69%
C	Grade from 50% to 59%
F	Less than 50%.
Fail	Below 40% in Theory & 50% in Practical

- Candidate has to pass both Theory & Practical

b. **Attendance.**

Students below 80% attendance will not be admissible to appear in examination.

c. **Examining Body.**

Punjab Board of Technical Education, Lahore will be the Testing and Evaluation Authority.

d. **Testing.**

1. **Conduct.** The testing shall be conducted in respective institutions under overall supervision of PBTE.

2. **Methodology.**

Following testing methodology will be adopted:-

(a)	Class attendance / participation	=	10%
(b)	Sessional Performance (Practical exercises/ quizzes / assignments).	=	40%
(c)	Final Exams.		
	i Theory	=	10%
	ii Practical.	=	40%
	Total	=	<u>100%</u>

- 3 The institute concerned will forward the result of students to Punjab Board of Technical Education Lahore on TEV/CURR/F-1 form (Attached) within seven days of termination of course.
- 4 Punjab Board of Technical Education will process the result carrying out its scrutiny / vetting and issue certificate to successful candidates as per specimen attached.
- 5 The secretary PBTE will also coordinate for the endorsement of the said certificate by General Manager (Academic).

## **NAMES OF NATIONAL CURRICULUM & REVIEW COMMITTEE MEMBERS**

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