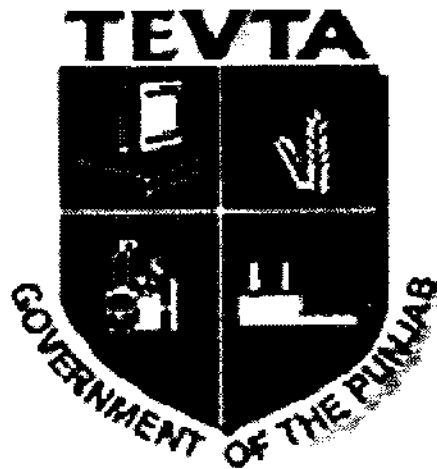


**GOVERNMENT OF THE PUNJAB**

**TECHNICAL EDUCATION & VOCATIONAL  
TRAINING AUTHORITY**



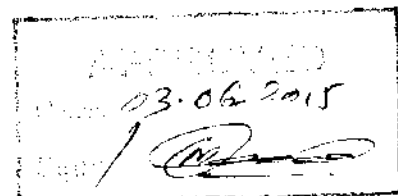
**CURRICULUM FOR  
FABRIC PRINTING  
(6 – Months Course)**

**CURRICULUM SECTION  
ACADEMICS DEPARTMENT**

**96-H, GULBERG-II, LAHORE**

Ph # 042-9263055-9, 9263064

[gm.acad@tevta.gop.pk](mailto:gm.acad@tevta.gop.pk), [manager.cur@tevta.gop.pk](mailto:manager.cur@tevta.gop.pk)

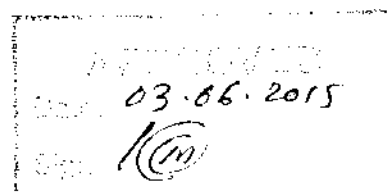


**TRAINING OBJECTIVES:**

To introduce the elements and principles of design. Students will be able to design for apparel and upholstery. They will be aware about the role of colors in printing fabrics. Students will develop the skills of fabric dying through tie & dye, batik. They will develop the skills of fabric printing. To make students acquainted with market trends in fabric designing & printing. They will be aware about the computer skills needed in designing.

**CURRICULUM SALIENT:**

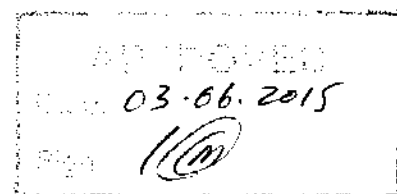
Name of the Course	:	Fabric Printing.
Entry level	:	Middle.
Duration of course	:	6-Months.
Total training hours	:	800 hours.
Training hours per week	:	40 hours
	:	7 Hours per day except
	:	5 Hours Friday
Training Methodology	:	Practical      80%
		Theory        20%



**SKILL COMPETENCY DETAILS: -**

On successful completion of this course, the trainee should be able to:-

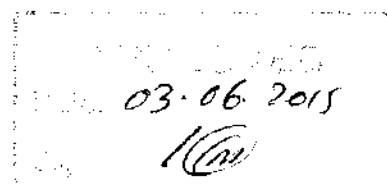
1. Develop design for apparel & upholstery.
2. Develop color harmonies for apparel & upholstery.
3. Enhance the skill of fabric dyeing.
4. Compete in brush painting methods for fabrics.
5. Improve the skills of fabric printing.
6. Mature the skills of computer designing.



**KNOWLEDGE PROFICIENCY DETAILS: -**

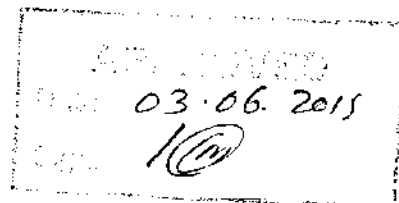
On successful completion of this course, the trainee should be able to: -

1. Understand the application of design & principles in designing for fabrics.
2. Describe the designing for fabrics role of color in designing for fabrics.
3. Comprehend the technical aspects of fabric dyeing, painting & printing.
4. Explain the finishing treatments for printed fabrics.
5. Know about the market trends in fabric designing & printing.
6. Know about the trends in computer designing.



**CURRICULUM DELIVERY STRUCTURE**

W E E K	Curriculum Delivery	Revision	Co-curricula Activities	Final Test	Total
	1-20	21	22-25	26	26
	20	1	4	1	



Revised by Curriculum Section, Academics Department TEVTA, June 2015

**SCHEME OF STUDIES****Fabric Printing (6 – Months Course)**

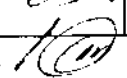
<b>Sr. No</b>	<b>Main Topics</b>	<b>Theory Hours.</b>	<b>Practical Hours</b>	<b>Total Hours</b>
1.	Elements & Principles	20	50	70
2.	Design development	10	60	70
3.	Colors	10	40	50
4.	Tie & Dye	10	65	75
5.	Batik	10	70	80
6.	Brush Painting	10	65	75
7.	Block Printing	10	65	75
8.	Screen Printing	10	70	80
9.	Spray Painting	10	65	75
10.	Finishing Treatment for fabric painting	10	10	20
11.	Computer Aided Designing	10	60	70
12.	Functional English	20	20	40
13.	Work Ethics	20		20
<b>Total</b>		<b>160</b>	<b>640</b>	<b>800</b>

03.06.2015



**DETAIL OF COURSE CONTENTS**  
(6 – Months Course)

Sr. No	Detail of Topics	Theory Hours	Practical Hours
1.	<b>1.1 Elements of design</b> 1.1.1 Line 1.1.2 Shape & pen 1.1.3 Color 1.1.4 Texture 1.1.5 Space <b>1.2 Principles of design</b> 1.2.1 Harmony 1.2.2 Composition 1.2.3 Balance 1.2.4 Emphasis 1.2.5 Proportion	20	50
2.	<b>Design development</b> 2.1 Source of inspiration 2.2 Development of croquets 2.3 Reports 2.3.1 Block repeat 2.3.2 Mirror repeat 2.3.3 Half drop repeat 2.3.4 Brick repeat 2.3.5 Diamond repeat 2.4 Development of mood board for personal projects 2.5 Story board 2.6 Practical 2.6.1 Design exercise for three sources of inspiration employing all repeats	10	60

02.06.2015  



3.	<b>Color</b> 3.1 Color wheel 3.2 Tint & shades 3.3 Warm & cool colors & neutrals 3.4 Value & intensity 3.5 Colors harmonies 3.6 Development of color ways 3.7 Consideration while selection of colors for apparel & upholstery 3.8 Practical (same as 3.1 to 3.6)	10	40
4.	<b>Tie &amp; Dye</b> 4.1 Introduction to tie & dye 4.2 Tools and equipment for tie & dye 4.3 dye & chemical 4.4 Methods of tie & dye 4.4.1 Folding 4.4.2 Pleating 4.4.3 Web binding 4.4.4 Chemical 4.4.5 Role wrapping 4.4.6 Twisting 4.4.7 Stitching 4.4.8 Knotting 4.4.9 Snap fosterers 4.4.10 Spiral twisting 4.5 projects 4.5.1 Swatch book tie & dye templates 4.5.2 apparel	10	65

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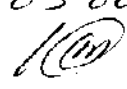




5.	<b>Batik</b> 5.1 Introduction to batik 5.2 Tools and equipment for batik 5.3 Dyes and chemical 5.4 Design development 5.5 Method of Batik 5.5.1 Dip method 5.5.2 Brush method 5.5.3 Use of painting tool 5.5.4 Crack effect 5.5.5 Discharge effect 5.6 Project 5.6.1 Wall panel 5.6.2 Swatch book of batik samples	10	70
6.	<b>Brush Painting</b> 6.1 Introduction to brush painting 6.2 Tool and equipment for brush painting 6.3 Paints & chemical 6.4 Design development 6.5 Methods of brush painting 6.5.1 Fabric paints 6.5.2 Emboss paints 6.5.3 Pearl paints 6.5.4 Silk paints 6.6 Project 6.6.1 Swatch book of brush painting samples 6.6.2 Table runner using method of brush painting	10	65

03-06-2015  



7.	<b>Block printing</b> 7.1 Introduction of block printing 7.2 Tools & equipment for block printing 7.3 Design development 7.4 Color separation & registration 7.5 Method of block carving 7.5.1 Vegetable stamping 7.5.2 Linoleum blocks 7.5.3 Wooden blocks 7.6 Preparation of color parts 7.7 Process of printing with blocks 7.9 Projects 7.9.1 Swatch book of printing samples 7.9.2 Bed linen	10	65
8.	<b>Screen printing</b> 8.1 Introduction of screen printing 8.2 Tools & equipment of screen printing 8.3 Design development 8.4 Color separation of registration 8.5 Techniques of screen making 8.5.1 Stencil 8.5.2 Block out screens 8.5.3 Photographic screens 8.6 Preparation of color parts 8.7 Process of printing with screens 8.8 Projects 8.8.1 Swatch book of screen samples 8.8.2 Upholstery 8.8.3 Apparel	10	70

03.06.2015  


9.	<b>Spray printing</b> 9.1 Introduction to spray printing 9.2 Tools & equipment for spray printing 9.3 Paints & chemicals 9.4 Design development 9.5 Techniques in spray printing 9.5.1 Free hand method 9.5.2 Stencil method 9.6 Project 9.6.1 Swatch book of spray printing samples 9.6.2 Cushions	10	65
10.	<b>Finishing treatment for printed fabrics</b> 10.1 Calendaring 10.2 Comforting 10.3 Sizing & Designing 10.4 Mercerizing	10	10
11.	<b>CAD</b> <b>Adobe Photoshop</b> 11.1.1 Introduction To Adobe Photoshop 11.1.2 Interface of the software 11.1.3 Menu Bar 11.1.4 Creating New Files, Paper Sizes, Pixels 11.1.5 Colors, Swatches & Styles 11.1.6 Tool Bar 11.1.6.1 Pick Tool 11.1.6.2 Marquee Tool 11.1.6.3 Lasso Tool 11.1.6.4 Magic Wand 11.1.6.5 Cropping 11.1.6.6 Brushes 11.1.6.7 Clone Stamps	5	30

	<p>11.1.6.8Eraser</p> <p>11.1.6.9Fill &amp; Gradient Tool</p> <p>11.1.6.10Pen Tool</p> <p>11.1.6.11Text Tool</p> <p>11.1.6.12Shapes Tools</p> <p>11.1.7Working with Layers</p> <p>11.1.7.1Creating, copying, editing and deleting layers</p> <p>11.1.7.2Layer Properties</p> <p>11.1.7.3Layer Styles</p> <p>11.1.7.4Layer Masking</p> <p>11.1.7.5Grouping and Merging Layers</p> <p>11.1.8 Using Edit Menu</p> <p>11.1.8.1Cut, Copy, Paste</p> <p>11.1.8.2Color Fill</p> <p>11.1.8.3Stroke</p> <p>11.1.8.4Transformation (scale, rotate, skew, distort, warp &amp; Flip)</p> <p>11.1.9 Using Image Menu for Image Editing</p> <p>11.1.9.1Image Modes</p> <p>11.1.9.2Adjustments (Color Balance, Brightness, Contrast, Hue, Saturation)</p> <p>11.1.9.3Photo Filters</p> <p>11.1.10 Using Filters</p> <p>11.1.11 <b>Assignment:</b> Use the manual block, diamond, mirror, half drop and brick repeat and trace them in the software. Use various tools to add colors and effects into it.</p>		
		<p>11.1.11</p> <p>06.06.2015</p> <p>1/2</p>	

	<b>Adobe Illustrator</b> 11.2.1 Introduction to Adobe Illustrator 11.2.2 Interface of the Software 11.2.3 Menu Bar 11.2.3.1 File Menu 11.2.3.2 Edit Menu (Cut, Cop, Paste, Edit Colors, Color Settings) 11.2.3.3 Object (Transform, Live Paint, Live Tracing, Envelope Distort, Group, Path, Blend, Pattern) 11.2.3.4 Type (font, Size) 11.2.4 Tool Bar 11.2.4.1 Pen tool 11.2.4.2 Shape Tool 11.2.4.3 Paint Bucket 11.2.4.4 Paint Bucket 11.2.4.5 Text Tool 11.2.4.6 Lasso Tool 11.2.5 Overview of Panel 11.2.6 <b>Assignment:</b> Use the designs that have been developed to create designs for digital printing.	5	30
12.	<b>Functional English</b>	20	20
13.	<b>Work Ethics</b>	20	
<b>Total</b>		<b>160</b>	<b>640</b>

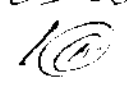
APPROVED  
 03.06.2015  


## LIST OF TOOLS / FURNITURE / EQUIPMENT / TOOLS ETC (For a Class of 25 Students)

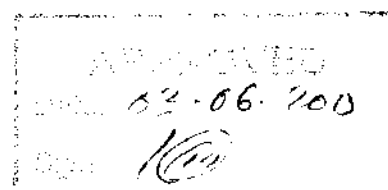
<b>Name of Trade</b>	<b>Fabric Printing</b>
<b>Duration of Course</b>	<b>6 Months</b>

### Fabric printing

<b>Sr. No.</b>	<b>Name of Tools &amp; Equipment</b>	<b>Quantity</b>
1.	Wooden Printing Blocks	02
2.	Plastic Tubs (Different Sizes)	10
3.	Screen	15
4.	Wooden Box (Color according to Box)	
5.	Tray	03
6.	Saucepan	03
7.	Frame	05
8.	Burner / Oven Gas/Rang	01
9.	Blankets	01
10.	Computer with coral Draw 9	25
<b><u>Furniture</u></b>		
1	Students Table (2'x3')	25
2	Tables (4' x 6')	05
3	Chairs/Stools	25
4	Teacher's Table	100
5	Teacher's Chair	05

03.06.2015  


Sr. No.	List of Consumable Material	Quantity
16	Block print colors basic	25 sets
17	Fabric for block printing	Per project
18	Screen print colors basic	25 sets
19	Fabric for screen printing	As required
20	Tie & Dye colors basic	25 sets
21	Fabric for Tie & Dye	Per project
22	Thread for tying	



**MINIMUM QUALIFICATION OF INSTRUCTOR**

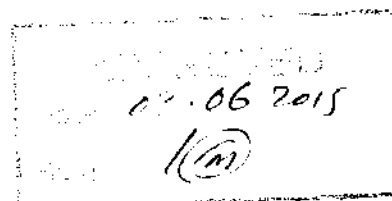
DDM + 3 year experience

OR

Diploma in Fashion Designing + 2 year experience

OR

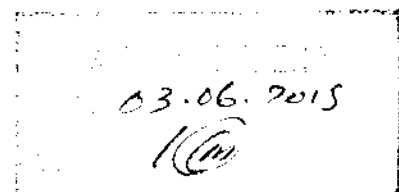
Bachelor in Fine Arts/Fashion Designing+1 year experience





## **REFERENCE BOOKS**

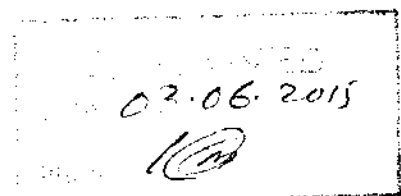
1. Step by Step Fabric Painting by Tharina Odendaal
2. Beginner guide to Fabric Painting by Donna



**EMPLOYABILITY OF PASS-OUTS**

The pass outs of this course may find job / employment opportunities in the following areas / sectors: -

1. Pass-outs may join the education schools as a teacher for Home Drawing / Designing.
2. They can join garments industry as a textile industry.
3. They can establish their own Boutique and industrial homes.
4. They can work at home at private sector.



**CURRICULUM REVISION COMMITTEE****Ms. Tahmina**

Instructor

GCT (W) Lytton Road Lahore

Convener

**Ms. Ayesha Khan**

Instructor,

GCT (W) Lytton Road Lahore

Member

**Mr. Junaid**

Internal Verifier &amp; Program Manager,

Institute of Art, Design &amp; Management 93-B3 Gulberg III

Member

02.06.2015  
/ @