

Curriculum for Textile Designing 6 Months

Code: VI87S007

Textile Designing

Name of course: Textile designing

Overall objectives of course: To enable trainee for better professionalism

Competencies gained after completion of course: To demonstrate better skills and synthesize knowledge for better professionalism

Job opportunities available immediately and in future: Demonstrator supervisor of textile techniques at mills, self employment home industry.

Trainee entry level: F.A or equivalence to intermediate

Minimum qualification of trainer: Graduate/ Diploma in textile designing

Medium of instruction: English/Urdu

Sequence of modules: As followed

Time frame of assessment: 6 months

SCHEME OF STUDIES

Textile Designing

Sr #	Modules	Theory Hours	Practical Hours	Total Hours
1	A. Design Development	18	82	100
2	B. Perform Dyeing	20	80	100
3	C. Perform Block Printing	20	80	100
4	D. Perform Screen Printing	19	86	105
5	E. Perform Weaving	20	80	100
6	F. Perform Finishing	20	80	100
7	G. Develop Professionalism	12	53	65
8	H. Communication with others	11	49	60
9	I. Apply Security Precautions	15	30	45
10	J. Evaluate Design Services	15	20	25
11				
12				
TOTAL HOURS		160	640	800

CURRICULUM CONTENTS

MODULE 1: Design Development.

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for Design Development.

DURATION: 25/100 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
A ₁ Shapes	<p>At the end of this learning unit the trainee will be able to Draw all kind of shapes accurately flow of line.</p> <ul style="list-style-type: none"> • Geometrical shapes • Circular shapes • Combination of straight and curve lines. • Do not use scale draw free hand line. 	<p><u>Knowledge of Lines</u> Type of lines</p> <ul style="list-style-type: none"> • Straight • Vertical • Horizontal • Diagonal • Circular • Combination of lines to for different type of shapes, small and large • Suitable for different projects <p><u>Ability to:</u></p> <ul style="list-style-type: none"> • Draw all lines • Draw shapes geometrical & floral Ethnic • Cross repeat, half drop mirror. • Important to know 	<p>05 hours (Th)</p> <p>20 hours (Pr)</p>	<ul style="list-style-type: none"> • Drafting table • Drawing board • Pencil • T Scale • Rubber • Paper 20"x30" • Sharpener • Sketch book (Imperial size) • Working gloves 	<p>Class room</p> <p>Lab</p>

		what is Top & Direction			
Create motif	At the end of the learning unit the trainee will be able to <ul style="list-style-type: none"> Develop motif out of shapes Types of motifs 	<u>Knowledge of</u> <ul style="list-style-type: none"> Motifs Types of motifs Traditional Regional Suitability of motifs in size and placement <u>Ability to</u> <ul style="list-style-type: none"> Draw motifs Draw types of motifs Selection of motif for samples Adjustment of motif on sample How to create a Design. Source of inspiration 			
A ₂ Apply motif Repeat	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Create design with different repeat methods Direct repeat Cross Repeat Half Drop Mirror 	<u>Knowledge of</u> <ul style="list-style-type: none"> Technique & completion of design Create harmony in design at large scale <u>Ability to</u> <ul style="list-style-type: none"> Understand motif form shapes adjustment and practice of 	05 hours (Th) 20 hours (Pr)	<ul style="list-style-type: none"> Drafting table Drawing board (Imperial size) HB Pencil Scale 12" Rubber Paper Sharpener Sketch book French curves Tracing sheet 	Class room Lab

MODULE 2: Perform Dyeing.

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for performance of Dyes.

DURATION: 25/100 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
B ₁ Select fiber & Yarn Types of Fabrics & its Preparation (Knitted & woven) Pretreatment for dyeing & printing to knitted & woven Fabric	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Identify and select fiber & yarn required for end product. 	<u>Knowledge of</u> <ul style="list-style-type: none"> Classification of fibers Natural man made synthetic Performing Physical & chemical properties. Performance of fiber Suitability of fiber for different end product. Classification of yarn Classification of Fabric Classification of Dyes <u>Ability to</u> <ul style="list-style-type: none"> Identify fibers from their characteristics. Selection of fiber for end product Selection of yarn For end product Selection of Fabric for end product. Identification of Dyes. 	05 hours (Th)	<ul style="list-style-type: none"> Types of fibers Natural: cotton, silk, wool Re generate fiber rayon/Pol yester. Synthetic: nylon/ Polyester Different types of yarn Cotton Mercerized fabric with different weaves preferabl e white or off white Blended & different yarn types. Material for pre treatment. Working gloves 	Class Room
			20 hours (Pr)		Lab

B ₂ Dye Preparation	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Dye preparation Dye of different shades suitable for application 	<u>Knowledge of</u> <ul style="list-style-type: none"> Definition of color Basic colors Secondary colors Shadowing light or dark Introduction to dye Contents of dye Selection of color scheme <u>Ability to</u> <ul style="list-style-type: none"> Make dye with proper ratio of contents Preparation of color dyes required 	05 hours (Th) 20 hours (Pr)	<ul style="list-style-type: none"> Bucket (plastic) Wooden Spoon Dye Contents Water Color Pigments Working gloves 	Class Room Lab
B ₃ Tie fabric	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Tie fabric with different methods to develop different effects 	<u>Knowledge of</u> <ul style="list-style-type: none"> Types of tie and dye Different effects of different knots Methods of tie and dye Color scheme Color fastness <u>Ability to</u> <ul style="list-style-type: none"> Tie fabric in different methods Proper tying of fabric Suitable tie methods on different fabrics 	05 hours (Th) 20 hours (Pr)	<ul style="list-style-type: none"> Different types of fabrics Cotton (unstarched) Wax Cord Threads Pebbles Grains Working gloves 	Class Room Lab
B ₄ Apply dyes on fabric	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Apply colors on fabric by following 	<u>Knowledge of</u> <ul style="list-style-type: none"> Characteristics and properties of colors Contents of dye bath Color scheme 	05 hours (Th)	<ul style="list-style-type: none"> Different dye colors Silver tub large size Plastic bucket 	Class Room

	<ul style="list-style-type: none"> Understand the suitability of fabric for block printing 	<ul style="list-style-type: none"> Select suitable fabric which is more absorbent Select color if fabric for different purpose of block printing on fabric <p><u>Ability to</u></p> <ul style="list-style-type: none"> Select fabric i.e. cotton, lawn with plain weave Appropriate color of fabric for different color scheme of different projects 	20 hours (Pr)	<p>and smooth texture</p> <ul style="list-style-type: none"> Determination of size of fabric Dye auxiliaries Working gloves 	Lab
C ₃ Select color scheme	<p>At the end of this learning unit the trainee will be able to</p> <ul style="list-style-type: none"> Develop suitable color schemes 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> Colors Basic colors Secondary colors Shadows & tints Warm and cool colors Contrasting colors Combination of colors and their suitability <p><u>Ability to</u></p> <ul style="list-style-type: none"> Develop color wheel Classification chart of different color schemes grading of colors 	05 hours (Th)	<ul style="list-style-type: none"> Pencil HB Rubber Art card Sketch book (imperial size) Pencil color Water color Table (120" x 40") Stool or chair T Scale(imperial size) Compass Thin wooden scale to keep the block straight while stamping Working gloves 	Class Room
C ₄ Apply color on fabric	<p>At the end of this learning unit the trainee will be able to</p> <ul style="list-style-type: none"> Apply color on fabric with block printing technique 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> Selection of color should be done aesthetically if the base of fabric is colored, otherwise it change the actual color Base of the fabric should be in pastel colors 	05 hours (Th)	<ul style="list-style-type: none"> Dye colors Table with padded top Old newspapers Blocks according to division of design Block of wooden small container which will carry dye Water Use rough soft piece of cotton to clean your 	Lab

		<ul style="list-style-type: none"> • Contents and their proportion of dye • Preparation of dye pad • Application of block on fabric width • Firm pressure <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Dye bath • Suitable place for block printing • Application of block on a fabric 	20 hours (Pr)	<p>block</p> <ul style="list-style-type: none"> • Never allow color to dry at your block, clean it properly with water after use • Use Tooth brush to take color out of block grooves • Working gloves 	
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D ₂ Select color	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Select color according to the theme required for a project 	<u>Knowledge of</u> <ul style="list-style-type: none"> Introduction to color Color will help you to understand the ratio of colors and gradation How colors effect when it use the other base color Nature of colors, no. of colors selected according to color separation and consideration of base color 	05 hours (Th)	<ul style="list-style-type: none"> Pencil HB Rubber Color pencil/poster colors Sketch book Color wheel Gradation color(chart) Tracing sheet Printing table (120" x 40") minimum Containers for mixing color Brush(paint brushes of all sizes) Scissors Working gloves 	Lab
		<u>Ability to</u> <ul style="list-style-type: none"> Select color scheme Project according to requirements Aesthetic sense Careful while applying contrast colors Select colors according to project 	20 hours (Pr)		Lab

<p>D₃ Select fabric</p>	<p>At the end of this learning unit the trainee will be able to Select fabric</p> <ul style="list-style-type: none"> • Use only washed fabric it may be dyed in pastel colors • Good absorbent • Pigments (color for printing) • Weaving fabric • Color in accordance to printing color application 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> • Nature of fabrics (cotton/silk) • Suitable base color of fabric • Absorbency of fabric • Suitable according to end product • Washed fabric • Plain washed fabric (without starch) <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Selection of fabric as per demand • Select the fabric which is free of wrinkles and with better absorbency, good for printing without starch 	<p>04 hours (TH)</p> <p>16 hours (Pr)</p>	<ul style="list-style-type: none"> • Fabric firmly woven according to its end production • Cotton • Lawn • Silk • Working gloves 	<p>Market where variety of fabrics are available</p>
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MODULE 5: Perform Weaving

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for weaving. This unit covers the skills and knowledge required to interpret technical information.

DURATION: 10/100 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
E ₁ Select material	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Select the material for weaving process 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Raw material i.e. fiber converted to yarn • Yarn count system • No. of yarns • Types of twist on a yarn • Strength of a yarn • Dye yarns to be used for weaving • Direction types of twist 	02 hours (Th)	<ul style="list-style-type: none"> • Yarns • Fiber to convert in a yarn • Color of yarns different combination • Strong filaments • Hand loom • Working gloves 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Select yarn • Select color • Select yarn for warp and weft • Check strength of yarn • Preparation of yarn • Direction of twist (s & z twist) 	08 hours (Pr)		Lab

<p>E₄ Twill weave</p>	<p>At the end of this learning unit the trainee will be able to</p> <ul style="list-style-type: none"> • Make twill weave with different or same color combination 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> • Introduction to twill weave • Characteristics of twill weave • End product of twill weave • Product of twill weave • Method of interlacing yarns to make twill weave • Right hand and left hand twill direction <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Make twill weave on hand loom and prepare a sample of twill weave 	<p>04 hours (Th)</p> <p>16 hours (Pr)</p>	<ul style="list-style-type: none"> • Yarns for weaving • Colored yarns of weaving with different color schemes • Hand loom • Wool three ply • Working table (120" x 40") • Working gloves 	<p>Class Room</p> <p>Lab</p>
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E ₇ Apply to fabric	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Develop weaves of all types • Make proper weave to form fabric 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Warp and weft yarn • Significance of warp yarn • Types of weave • Suitability of weave for end product • Methods of weave • Color combination • Determination of length or width 	03 hours (Th)	<ul style="list-style-type: none"> • Yarn • Weaving loom • Color variety as required • Working Table (120" x 40") • Stool • Design pattern to be applied for formation of fabric • Working gloves 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Select weave • Application of colored yarn • Weaving process • Fabric formation • End product • Finishing of end product 	12 hours (Pr)		Lab

MODULE 6: Perform Finishing

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for finishing process. The trainee will have skills & knowledge required to interpret technical information.

DURATION: 25/100 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
F ₁ Check quality	At the end of this learning unit the trainee will be able to check quality of <ul style="list-style-type: none"> • Fabric • Nature of technique used to perform task • Strength of fabric • Color fastness 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Quality assurance • Prepare quality plans • Prepare check list • conduct design review • preventive and corrective action • Fixation of short comings • Quality assurance standards 	05 hours (Th)	<ul style="list-style-type: none"> • Physical testing section • Moisture regain testing instrument • Tensile tester to check the strength of fabric • Crock meter to check color fastness • Universal wear tester used to check pilling • Working gloves 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Drafting of quality checking manual • Making of quality checking manual • Setting levels for quality checking manual • Setting levels for quality check • Final testing of each and everything according to 	20 hours (Pr)		Lab

		customer requirement			
F ₂ Remove unwanted color	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Removal of unfixed color from the particular project 	<u>Knowledge of</u> <ul style="list-style-type: none"> Nature of colors Methods of removing colors Nature of textile material Final treatment to product after removal of colors <u>Ability to</u> <ul style="list-style-type: none"> Treat the extra color without damaging remains Application of chemical or general methods of removal of colors 	05 hours (Th) 20 hours (Pr)	<ul style="list-style-type: none"> Chemical composition for removal of extra colors which are unfixed Tub Water Iron Iron table Drying place Working gloves 	Class Room Lab
F ₃ Perform ironing	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> Perform ironing on projects made by different techniques 	<u>Knowledge of</u> <ul style="list-style-type: none"> Introduction to an iron Types of irons Procedure of ironing Selection of right or wrong side for ironing Temperature adjustment for different items <u>Ability to</u> <ul style="list-style-type: none"> Iron items at small and large scale Ironing to remove wrinkles/drying purpose 	05 hours (Th) 20 hours (Pr)	<ul style="list-style-type: none"> Ironing table Light weight iron Steam iron Heavy weight iron Water spray for damping cloth Working gloves 	Class Room Lab

		<ul style="list-style-type: none"> • Ironing with heavy or light irons • Ironing at industry level 			
F ₄ Perform packaging	<p>At the end of this learning unit the trainee will be able to</p> <ul style="list-style-type: none"> • Perform packaging • Attractive and strong 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> • Labels • Importance of packaging • Types of packing • Suitable packing for different projects • Projection of project through packing • Safe packing, water proof and damp proof <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Pack items • Proper closing of items • Labels on packets • Packing list 	<p>05 hours (Th)</p> <p>20 hours (Pr)</p>	<ul style="list-style-type: none"> • Packing materials • Polythene bags • Proper size of container to an item • Label, information of product • Common pins • Stapler • Carton or box for packing • Large tables (40' x 4') 	<p>Class Room</p> <p>Lab</p>

MODULE 7: Develop professionalism

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for participating in training.

To enhance everyone’s value in an organization

To update knowledge and better communication skills

DURATION: 10/65 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
G ₁ Participate in training	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Participate in training with full confidence • For better achievement • Provide opportunity for industry networking for new ideas and solutions 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Source of training • Markets • Trends contemporary • Constant change in demand • Motivation of staff • Seminars • Workshops • Education for professionalism • Good environment <u>Ability to</u> <ul style="list-style-type: none"> • Arrangement of workshops and seminars • Stay current with technology • Awareness of upcoming technology 	02 hours (Th) 08 hours (Pr)	<ul style="list-style-type: none"> • Seminar rooms • Multimedia or projector • White board • Marker • Duster • Computer equipments • Training videos/other informative material 	Internship Visit to other industry

H ₂ Communicate with customers	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Deal with customers • Understand customer requirements non-verbal and verbal 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Product to be introduced • Shortcomings of product • Way of convincing the customer • Psychological impact on customer • Customer rights & responsibilities 	03 hours	<ul style="list-style-type: none"> • Written material of the unit in classroom • Discussion room well equipped 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Perform with good behavior • Written communication ability • Care of customer • Avoid negative questions • Use clear, concise, relevant and harmless language • Trust to customer 	12 hours (Pr)		

<p>H₃ Communicate with juniors</p>	<p>At the end of this learning unit the trainee will be able to Interact with juniors</p> <ul style="list-style-type: none"> • In a polite but firm way • Express a genuine sincerity with juniors • Make them understand to work with full sincerity 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> • Work to be done • Efforts how to get work out of juniors • Understanding work ability of juniors • Understanding work ability of juniors and encourage them • To solve the problem and complaints which are genuine <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Be a team player • Always willing to help each other • Use request when communicating with juniors • Motivate them to work sincerely 	<p>03 hours</p> <p>12 hours (Pr)</p>	<ul style="list-style-type: none"> • Work environment comfortable facilitating them necessary demands 	<p>Class Room</p> <p>Workplace</p>
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MODULE 9: Apply security precautions

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for application of security precautions

To give importance and safety to workers

DURATION: 15/45 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
I ₁ Apply personal safety	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Make arrangement for personal security • Take safety measures available and could be implemented 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Aware of surrounding and people around • Work with confidence • Show awareness and control • Body language • Emergency phones • Conditioned environment 	05 hours	<ul style="list-style-type: none"> • Equipments that can be implemented for safety i.e. C.C cameras • Search lights • Recorders • Emergency lights 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Implement safety measures • Apply all possible security plans 	10 hours		Lab

<p>I₂ Apply work place safety</p>	<p>At the end of this learning unit the trainee will be able to</p> <ul style="list-style-type: none"> • Risk assessment • Apply safety measures at work place 	<p><u>Knowledge of</u></p> <ul style="list-style-type: none"> • Importance of safety of workplace and workers • Implementation of security tools • Places where danger could occur • Necessary light required at work place <p><u>Ability to</u></p> <ul style="list-style-type: none"> • Assess risk and implement safety to work place and workers • Apply basic hygiene, safety, security • Conduct basic first aid and fire fighting practices • Train workers to implement safety tools and emergency 	<p>05 hours</p> <p>10 hours</p>	<ul style="list-style-type: none"> • Fire extinguisher • First aid kit • Brooms • Gloves • Brushes • Dust pans • Master keys • Vacuum cleaners • Telephone emergency no • Smoke detector 	<p>Class Room</p>
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I ₃ Apply safety for tests and equipments	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Make arrangement for safety of tools and equipments • Use of tools and equipments • Maintenance of tools and equipments 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Parts and functions of tools and equipments • Utility and functions of tools • Fire exits program • Preventive measures 	05 hours	<ul style="list-style-type: none"> • Source of knowledge about tools and equipments • Book, journals • Internet facility • Brochures • Safety kits 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Work on machine • Name parts of machine • Understand function and maintain the parts of machine • Manage to overcome problems of machine & tools 	10 hours		Lab

MODULE 10: Evaluate Design Services

OBJECTIVE OF THE MODULE: At the end of this module the trainee will have the skills & knowledge required for evaluation of design

Determine if design concept is feasible, effective in term of investment

DURATION: 25/25 hours

LEARNING UNIT	LEARNING OUTCOMES	LEARNING ELEMENTS	DURATION hours	MATERIALS REQUIRED	LEARNING PLACE
J ₁ Analyze design	At the end of this learning unit the trainee will be able to <ul style="list-style-type: none"> • Make assessment of design, can evaluate the design and grade its quality 	<u>Knowledge of</u> <ul style="list-style-type: none"> • Elements and principles of design • Requirements of design • Utility of design • To make sure that design is properly being praised 	05 hours	<ul style="list-style-type: none"> • Written material about elements and principles of design • Measures to assess and evaluate design 	Class Room
		<u>Ability to</u> <ul style="list-style-type: none"> • Identify the behavior of elements go through scenarios and assign behaviors to appreciate collaborating participants 	20 hours (Pr)		Lab

List of Tools, Machinery & Equipment

A

Name of Trade	Design Development
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Drafting Table (Imperial size)
2.	Drawing board (Imperial size)
3.	Stationary, color pencils
4.	Sketch book
5.	Tracing sheet
6.	Computer (Design software) Coral Adobe Photoshop
7.	Fabric

List of Consumable Supplies

Name of Trade	Design Development
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Art paper (20" x 30")	10 sheets
2.	Scissors	02
3.	Fabric Cotton	5 meters

ASSESSMENT TEMPLATE

MODULE 1

A. Design Development

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
A ₁ Shapes	10 hours	40 hours	Know drawing of all kind of shapes accurately flow of line, Geometrical shapes, Circular shapes, Combination of straight and curve lines. Develop motifs and types of shapes	Assessment during work Test, MCQs, Short Q	Mid of unit after completion
A ₂ Create motifs/ design	05 hours	20 hours	Know application of motifs with many repeats in all directions	Assessment during work Test, MCQs, Short Q	Mid of unit after completion
A ₃ Apply motif/design repeat	03 hours	22 hours	Know to develop samples with different color shapes and color schemes with adjustment of motifs	Assessment during work Test, MCQs, Short Q	Mid of unit after completion

List of Tools, Machinery & Equipment

B

Name of Trade	Perform Dyeing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Bucket plastic, Wooden spoon
2.	Pigment, color, stationary
3.	Fabric, Cotton, Silk white
4.	Wax, cotton cord, grains, silver tub (Large)
5.	Stove, Dye colors

List of Consumable Supplies

Name of Trade	Perform Dyeing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Alka paste, fabric, cotton and silk	5 meters each
2.	Yarn, cotton cord and thread for tying (cotton)	1 ball
3.	Wax	¼ kg
4.	Dye colors as requirement	2 gm each
5.	Stationary	

ASSESSMENT TEMPLATE

MODULE 2

B. Perform Dyeing

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
B ₁ Prepare Dye	05 hours	20 hours	Know how to identify and select fiber and yarn required for end product	Observation while work Test, MCQs, Short Q	Theory Test in mid and after completion
B ₂ Select Fabric	05 hours	20 hours	Know preparation of dye and dye of different shapes suitable for application	Observation while work Test, MCQs, Short Q	Theory Test in mid and after completion
B ₃ Tie fabric	05 hours	20 hours	Know methods of tying to develop different effects	Observation while work Test, MCQs, Short Q	Theory Test in mid and after completion
B ₄ Apply dyes on fabric	05 hours	20 hours	Know color application method	Observation while work Test, MCQs, Short Q	Theory Test in mid and after completion

List of Tools, Machinery & Equipment

C

Name of Trade	Perform Block Printing
Duration	140 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Linoleum sheets, wooden blocks
2.	Engraving tools (carving tools), sticking material
3.	Paper, stationary, tracing sheet
4.	Fabric, table, dye colors, old news paper
5.	Dye colors, water colors
6.	Alka paste UD binder

List of Consumable Supplies

Name of Trade	Perform Block Printing
Duration	140 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Linoleum sheets & blocks	5 at least
2.	Paper, stationery, tracing sheet, color pencil	10 sheets each
3.	Fabric, cotton	5 meters
4.	Dye color Alka paste UD binder	
5.	Newspaper	10 sheets
6.	Wooden boxes (14" x 10")	05
7.	Piece of form sheet (1/2" width) (14" x 10")	05

ASSESSMENT TEMPLATE

MODULE 3

C. Perform Block Printing

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
C ₁ Block carving	05 hours	20 hours	Know preparation of blocks on different materials for block printing	Theory, practical MCQs, Short Q	Mid & after completion
C ₂ Select fabric	05 hours	20 hours	Know suitability of fabric for block printing	Theory, practical MCQs, Short Q	Mid & after completion
C ₃ Select color scheme	05 hours	20 hours	Know how to develop suitable color schemes for different purposes	Theory, practical MCQs, Short Q	Mid & after completion
C ₄ Apply color on fabric	05 hours	20 hours	Knows application of color on fabrics with block printing techniques	Theory, practical MCQs, Short Q	Mid & after completion

List of Tools, Machinery & Equipment

D

Name of Trade	Perform Screen Printing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Table (padded) & flat sketch book(imperial size), stationery
2.	Mesh (fabric), wooden frames
3.	Exposing table, Dark room
4.	Squeegee, dyes, dye container
5.	Alka paste, UD binder, Iron, wooden spoon
6.	Fabric, cotton or silk

List of Consumable Supplies

Name of Trade	Perform Screen Printing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Mesh (fabric nylon), cotton, silk	As per requirement
2.	Alka paste, pigments	2 kg & 2 gms each
3.	Stationery, wooden frames, size according to design	
4.		
5.		

ASSESSMENT TEMPLATE

MODULE 4

D. Design Development

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
D ₁ Develop Design and exposing	05 hours	25 hours	Know development of design on screen and its implementation techniques on the fabric for the required purpose	Test, MCQs, Short Q	Mid & after completion
D ₂ Select color	05 hours	20 hours	Know selection of color according to theme required for product	Test, MCQs, Short Q	Mid & after completion
D ₃ Select fabric	04 hours	16 hours	Know suitability of fabric with connection to good absorbency, weave of fabric and color application with following color scheme	Test, MCQs, Short Q	Mid & after completion
D ₄ Screen printing	05 hours	25 hours	Know developing of design on fabric wit different techniques of screen printing	Test, MCQs, Short Q	Mid & after completion

List of Tools, Machinery & Equipment

E

Name of Trade	Perform Weaving
Duration	240 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Yarn, cord, wooden yarn (3ply)
2.	Hand loom, stationery
3.	Art card and graph
4.	
5.	

List of Consumable Supplies

Name of Trade	Perform Weaving
Duration	240 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Yarn, cotton cord, woolen yarn (3ply)	2 balls each color
2.	At least 2 contrast colors	
3.	Drawing sheet white (Matt)	6 sheet
4.		
5.		

ASSESSMENT TEMPLATE

MODULE 5

E. Perform Weaving

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
E ₁ Select material	02 hours	08 hours	Know selection of material for weaving process	Theory, MCQs practical	Mid and end of module
E ₂ Select method	02 hours	08 hours	Know selection of suitable methods for weaving project	Theory, MCQs practical	Mid and end of module
E ₃ Plain weave	02 hours	08 hours	Know making of plain weave with single or more yarns	Theory, MCQs practical	Mid and end of module
E ₄ Twill weave	04 hours	16 hours	Know making of twill weave with different color combinations	Theory, MCQs practical	Mid and end of module
E ₅ Satin weave	04 hours	16 hours	Know making of satin weave with same or different color combinations	Theory, MCQs practical	Mid and end of module
E ₆ Select color	03 hours	12 hours	Know making different color schemes on a fabric with weaving techniques	Theory, MCQs practical	Mid and end of module
E ₇ Apply on fabric	03 hours	12 hours	Know development of weaves all types and making proper weave to form a fabric	Theory, MCQs practical	Mid and end of module

List of Tools, Machinery & Equipment

F

Name of Trade	Perform Finishing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Physical testing instruments i.e. moisture regain tester
2.	Tensile tester, crock meter, universal wear tester
3.	Chemicals for removal of extra colors
4.	Tub, water, iron & iron table, steam iron, water spray, iron
5.	Packing material, carton, polythene bags, common pins, paper tape, papers, printers

List of Consumable Supplies

Name of Trade	Perform Finishing
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Chemicals	Small quantity
2.	Packing material, carton, polythene bag	For two packing
3.	Common pins	1 pack
4.	Paper tape	01
5.	Papers=	1 dozen

ASSESSMENT TEMPLATE

MODULE 6

F. Perform Finishing

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
F ₁ Check quality	05 hours	20 hours	Know fabric, its nature of technique used to perform along with the strength of fabric and color fastness	Theory, practical MCQs, Short Q	Mid & at completion
F ₂ Remove unfixed colors	05 hours	20 hours	Know removal of unfixed colors from the particular product	Theory, practical MCQs, Short Q	Mid & at completion
F ₃ Perform ironing	05 hours	20 hours	Know performance of ironing on products made by different techniques	Theory, practical MCQs, Short Q	Mid & at completion
F ₄ Perform packaging	05 hours	20 hours	Know packaging and making them attractive and strong	Theory, practical MCQs, Short Q	Mid & at completion

List of Tools, Machinery & Equipment

G

Name of Trade	Develop Professionalism
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Multimedia, white board, marker
2.	Computer equipments, printer
3.	Training videos
4.	Design software (Coral Adobe Photoshop)
5.	

List of Consumable Supplies

Name of Trade	Develop Professionalism
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Markers	02
2.	Papers	12
3.	Duster	01
4.	Stationery	
5.	White board	

ASSESSMENT TEMPLATE

MODULE 7

G. Develop Professionalism

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
G ₁ Participate in training	02 hours	08 hours	Knows participation in training for better achievement with full confidence	Theory, practical, participate MCQs, Short Q	During & after completion
G ₂ Interact with colleagues	02 hours	08 hours	Know developing confidence for discussion with colleagues for better environment and achievements	Theory, practical, participate MCQs, Short Q	During & after completion
G ₃ Consult with experts	03 hours	12 hours	Know consultation with experts of particular trade for better achievement	Theory, practical, participate MCQs, Short Q	During & after completion
G ₄ Participation, skill test & competition	05 hours	25 hours	Gaining valuable experience for better profession	Theory, practical, participate MCQs, Short Q	During & after completion

List of Tools, Machinery & Equipment

H

Name of Trade	Communication with others
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	Multimedia
2.	Stationery
3.	White board & Marker
4.	
5.	

List of Consumable Supplies

Name of Trade	Communication with others
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	Stationery	Complete
2.	Markers	02
3.	White board	
4.		
5.		

ASSESSMENT TEMPLATE

MODULE 8

H. Communication with others

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
Communication with co-workers	02 hours	13 hours	Know communication with co-workers to create good environment	Observation Theory, practical, MCQs, Short Q	During & after completion
Communication with customers	03 hours	12 hours	Know dealing with customers and understands customer requirements verbal or non-verbal	Observation Theory, practical, MCQs, Short Q	During & after completion
Communication with juniors	03 hours	12 hours	Knows interaction with juniors being polite and firm with genuine sincerity	Observation Theory, practical, MCQs, Short Q	During & after completion
Communication with supervisors	03 hours	12 hours	Know the communication ways with workers and supervisors	Observation Theory, practical, MCQs, Short Q	During & after completion

List of Tools, Machinery & Equipment

I

Name of Trade	Apply Security Precautions
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	C.C cameras, search lights
2.	Recorders, emergency lights
3.	Fire extinguisher, first aid kit, gloves
4.	Brushes, vacuum cleaner, dusters, dust pan
5.	Smoke detectors, telephone, vacuum cleaner

List of Consumable Supplies

Name of Trade	Apply Security Precautions
Duration	160 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	White board & marker	01
2.	Dusters	06
3.		
4.		
5.		

ASSESSMENT TEMPLATE

MODULE 9

I. Apply Security Precautions

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
l ₁ Apply personal safety	05 hours	10 hours	Making arrangements for fool proof personal security by taking safety measures available	Theory, MCQs, Short Q	Mid of module End of module
l ₂ Apply workplace safety	05 hours	10 hours	Know about risks	Theory, MCQs, Short Q	Mid of module End of module
l ₃ Apply safety for tests & equipments	05 hours	10 hours	Knows arrangements and management of safety tools	Theory, MCQs, Short Q	Mid of module End of module

List of Tools, Machinery & Equipment

J

Name of Trade	Evaluate Design Services
Duration	40 hours

Sr. No.	Name of Item / Equipment/ Tools
1.	White board & marker
2.	Books, Journal, informative material (magazines) Internet
3.	
4.	
5.	

List of Consumable Supplies

Name of Trade	Evaluate Design Services
Duration	40 hours

Sr. No.	Name of Item / Equipment/ Tools	Quantity
1.	White board & marker	01
2.		
3.		
4.		
5.		

ASSESSMENT TEMPLATE

MODULE 10

J. Evaluate Design Services

Learning Units	Theory Days / hours	Workplace Days / hours	Recommended Formative Assessment	Recommended Methodology	Scheduled Dates
Analyze Design	05 hours	20 hours	Knows the assessment of design and can evaluate the design by grading it	Observation Theory, MCQs, Short Q	Project at the end of term