

## 7. TRADE SYLLABUS

<b>SYLLABUS -SURFACE ORNAMENTATION TECHNIQUES (EMBROIDERY)</b>			
<b>DURATION: ONE YEAR</b>			
<b>Duration</b>	<b>Reference Learning Outcome</b>	<b>Professional Skills (Trade Practical) With Indicative Hours</b>	<b>Professional Knowledge (Trade Theory)</b>
Professional Skill 60Hrs;  Professional Knowledge 12 Hrs	Identify and use embroidery tools with safety precautions following safety precautions.	1. Safety Precautions to be followed in the Laboratory. (30 hrs)  2. Identification & Handling of trade related tools. (30 hrs)	Introduction and Familiarization with the institute.  Introduction to the trade Job prospects and objectives of the course.  Safety precautions to be followed in the lab. (06 hrs)  Knowledge of trade related tools. (06 hrs)
Professional Skill 30Hrs;  Professional Knowledge 06 Hrs	Prepare sample basic hand stitches (Temporary & permanent stitch).	3. Basic Hand Stitches. (30 hrs) a. Temporary Stiches <ul style="list-style-type: none"> <li>• Basting Even</li> <li>• Basting Uneven</li> <li>• Diagonal</li> <li>• Slip Basting</li> </ul> b. Permanent Stiches <ul style="list-style-type: none"> <li>• Running Stitches</li> <li>• Hemming</li> <li>• Slip Stitch</li> <li>• Run and back stitch</li> <li>• Over casting</li> <li>• Whip stitch</li> </ul>	Overview of embroidery and basic hand stitches. (06 hrs)
Professional Skill 30Hrs;	Describe & use different types of tracing method	4. Practice of Various Methods of –Transferring and Tracing Design. (20	Tracing Methods and Precautions used during Tracing

Professional Knowledge 06 Hrs	carbon paper, tissue paper, tracing paper, water soluble pen, tracing box (light box), hot pressing and wooden block method.	hrs) 5. Their Safety Precautions. (10 hrs)	Technical Terms Related To <ul style="list-style-type: none"> <li>• Design</li> <li>• Embroidery</li> </ul> (06 hrs)
Professional Skill 60Hrs;  Professional Knowledge 12 Hrs	Demonstrate the basic embroidery stitches flat, loop, crossed, knotted and prepare article.	6. Practice of Starting and Ending off of embroidery stitches –stitches. (30 hrs) 7. Sample Development of Basic embroidery stitches <ul style="list-style-type: none"> <li>• Flat Stitch</li> <li>• Loop Stitch</li> <li>• Crossed Stitches</li> <li>• Knotted Stitches (30 hrs)</li> </ul>	Basic Embroidery stitches(contemporary stiches) <ul style="list-style-type: none"> <li>• Flat Stitch</li> <li>• Loop Stitch</li> <li>• Crossed Stitches</li> <li>• Knotted Stitches</li> </ul> (12 hrs)
Professional Skill 60Hrs;  Professional Knowledge 12 Hrs	Draw, create & place free hand designs with Scribble, Geometrical, Cut Paper or Signature method.	8. Practice Of Free Hand Drawing Design (30 hrs) <ul style="list-style-type: none"> <li>• Scribble</li> <li>• Geometrical</li> <li>• Cut paper</li> <li>• Signature</li> </ul> 9. Make a Hand kerchief with a free hand (Scribble, Geometrical, Cut Paper or Signature) embroidery design. (30hrs)	Elements of Design Sources of Design Inspiration (12 hrs)
Professional Skill 60Hrs;  Professional Knowledge 12 Hrs	State & identify the color wheel, describe various types of color, color schemes & use these color schemes in different jobs.	10. Practical Exercise on <ul style="list-style-type: none"> <li>• Types of Color</li> <li>• Color Wheel</li> <li>• Color Schemes</li> </ul> (60 hrs)	<ul style="list-style-type: none"> <li>• Color Theory</li> <li>• Color wheel</li> <li>• Color schemes</li> <li>• Psychological aspects of color</li> <li>• Combining color</li> </ul> (12 hrs)

Professional Skill 30Hrs;  Professional Knowledge 06 Hrs	Demonstrate the Enlarged & Reduced forms of design.	11. Practice of Enlargement & Reduction of Designs.(30 hrs)	Enlargement & Reduction of Designs (06 hrs)
Professional Skill 30 Hrs;  Professional Knowledge 06 Hrs	Decorate a garment part with a suitable Embroidery design.	12. Practice of placing designs developing Border, Spray, Corner, Center, Link. (30 hrs)	Placement of Designs , Development of Borders, spray corners etc. (06 hrs)
Professional Skill 60Hrs;  Professional Knowledge 12 Hrs	Develop the different design for the garment components: sleeves yokes, neck, cuffs.	13. Develop designs for the garment components <ul style="list-style-type: none"> <li>• Sleeves</li> <li>• Yokes</li> <li>• Cuffs</li> <li>• Neck</li> </ul> (at least 10 designs using component template) (60 hrs)	Introduction to Drawing of designs(Border, Spray, Corner, Center, Link, etc ) and placement of the designs that is suitable for the parts of the garments (Sleeves, Yoke, Cuff, Neck). Placement of colour schemes and embroidery designs.(12 hrs)
Professional Skill 30Hrs;  Professional Knowledge 06 Hrs	Identify, operate the Zig- Zag machine embroidery parts, demonstrate set the machine for embroidery.	14. Frame fitting and its precautions. (30 hrs)	Introduction to various embroidery machines Introduction To Zig-Zag Machine <ul style="list-style-type: none"> <li>• Parts &amp; their functions</li> <li>• Defects and Remedies</li> <li>• Threading a Machine</li> <li>• Winding a Bobbin</li> <li>• Operations</li> </ul> (06 hrs)
Professional Skill 30Hrs;  Professional Knowledge 06 Hrs	Decorate a cushion cover with embroidery design using Zig-Zag Machine.	15. Practice of running Zig-Zag. (30 hrs)	Overview of operations and handling of Zig-Zag Machine. <ul style="list-style-type: none"> <li>• Parts &amp; their functions</li> <li>• Defects and Remedies</li> <li>• Threading a Machine</li> </ul>

			<ul style="list-style-type: none"> <li>Winding a Bobbin</li> </ul> <p>How to set the machine for embroidery. (06 hrs)</p>
<p>Professional Skill 30Hrs;  Professional Knowledge 06 Hrs</p>	<p>Make samples with running stitch, running shade, satin, cording, back stitch.  Identification and rectification of defects.</p>	<p>16. Machine Sample making of-</p> <ul style="list-style-type: none"> <li>Running Stitch</li> <li>Running Shade</li> <li>Satin Stitch</li> <li>Cording Stitch</li> <li>Back Stitch</li> </ul> <p>(30 hrs)</p>	<p>How to set the machine for embroidery with different varieties of stitches. (06 hrs)</p>
<p>Professional Skill 60Hrs;  Professional Knowledge 12 Hrs</p>	<p>Prepare frame fitting for hand aari.</p>	<p>17. Frame Fitting for Hand Aari. (60 hrs)</p>	<p>Introduction To Hand Ari</p> <ul style="list-style-type: none"> <li>Utilities and scope</li> <li>Material &amp; Stitches used in hand Ari.</li> </ul> <p>(12 hrs)</p>
<p>Professional Skill 30Hrs;  Professional Knowledge 06 Hrs</p>	<p>Demonstrate locking, starting and finishing of the aari chain stitch, with factual knowledge of different types of materials &amp; stitches.</p>	<p>18. Practicing of locking, starting and finishing of stitch. (30 hrs)</p>	<ul style="list-style-type: none"> <li>Stitch formation</li> <li>Process &amp; Techniques</li> <li>Finishing</li> <li>Sewing aids</li> </ul> <p>(06 hrs)</p>
<p>Professional Skill 30Hrs;  Professional Knowledge 06 Hrs</p>	<p>Prepare samples or coaster through straight, curved &amp; sequence lines.</p>	<p>19. Practice of Straight and Curve lines. (30 hrs)</p>	<ul style="list-style-type: none"> <li>Types and characteristics of sequence lines</li> <li>Guides</li> </ul> <p>(06 hrs)</p>
<p>Professional Skill 30Hrs;  Professional Knowledge</p>	<p>Decorate a sari by Hand aari method with sequence work.</p>	<p>20. Practice of fixing different sequences with aari. (30 hrs)</p>	<ul style="list-style-type: none"> <li>Utilities and scope</li> <li>Application of straight &amp; curved lines.</li> </ul> <p>(06 hrs)</p>

06 Hrs			
Professional Skill 120 Hrs;  Professional Knowledge 24 Hrs	Prepare the sample of drawn & pulled thread, Assisi, Cut, Swiss, shadow work with quality concepts.	21. Practice & sample making of the following Typical Embroideries –  <ul style="list-style-type: none"> <li>• Drawn and pulled thread work</li> <li>• Assisi Work</li> <li>• Cut Work</li> <li>• Swiss Work</li> <li>• Shadow Work (120 hrs)</li> </ul>	Introduction To Typical Embroidery-  <ul style="list-style-type: none"> <li>• Drawn and pulled thread work</li> <li>• Assisi Work</li> <li>• Cut Work</li> <li>• Swiss Work</li> <li>• Shadow Work (24 hrs)</li> </ul>
Professional Skill 120 Hrs;  Professional Knowledge 24 Hrs	Prepare the sample of phulkari of Punjab, kantha of Bengal, kasuti of Karnataka, chikankari of Lucknow, kashida of Kashmir, chamba of Himachal, kutch of Karnataka with quality concepts.	22. Practice & Sample making of the following traditional embroidery –  <ul style="list-style-type: none"> <li>• Phulkari</li> <li>• Kantha</li> <li>• Kasuti</li> <li>• Chikankari</li> <li>• Kashida</li> <li>• Chamba</li> <li>• Kutch (120 hrs)</li> </ul>	Introduction To Traditional Embroidery –  <ul style="list-style-type: none"> <li>• Phulkari</li> <li>• Kantha</li> <li>• Kasuti</li> <li>• Chikankari</li> <li>• Kashida</li> <li>• Chamba</li> <li>• Kutch (24 hrs)</li> </ul>
Professional Skill 60 Hrs;  Professional Knowledge 12 Hrs	Prepare the sample of single and double cane weaving, fancy net with lazy daizy, cross stitch, circle and button hole net work with quality concepts.	23. Practice of making samples of Fancy Nets. (30 hrs)  24. Cane weaving – Single & Double  <ul style="list-style-type: none"> <li>• Fancy net with lazy daisy</li> <li>• Fancy net with cross stitch</li> <li>• Fancy net with circles</li> <li>• Button hole net (30 hrs)</li> </ul>	Fancy Net work  <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Types</li> <li>• Use (12 hrs)</li> </ul>
Professional Skill 60 Hrs;	Prepare the sample of simple, cut and	25. Practice & sample making of the following –	Appliqué work  <ul style="list-style-type: none"> <li>• Introduction</li> </ul>

Professional Knowledge 12 Hrs	felt applique work with quality concepts.	<ul style="list-style-type: none"> <li>• Simple Applique</li> <li>• Cut Applique</li> <li>• Felt Applique (60 hrs)</li> </ul>	<ul style="list-style-type: none"> <li>• Type</li> <li>• Difference between Appliqué &amp; patch (12 hrs)</li> </ul>
Professional Skill 30 Hrs;  Professional Knowledge 06 Hrs	Prepare Layout of frock, ladies kurta, gents kurta, toper and place them on article.	26. Placement of Design on – <ul style="list-style-type: none"> <li>• Frock</li> <li>• Ladies Kurta</li> <li>• Gents Kurta</li> <li>• Topper (30 hrs)</li> </ul>	Marker planning for with the help of available patterns <ul style="list-style-type: none"> <li>• Frock</li> <li>• Ladies Kurta</li> <li>• Gents Kurta</li> <li>• Topper (06 hrs)</li> </ul>
Professional Skill 30 Hrs;  Professional Knowledge 06 Hrs	Carry out estimation and costing of garments.	27. Estimate costing of products. (30 hrs)	Estimation & Costing of Garment (06 hrs)
Professional Skill 30 Hrs;  Professional Knowledge 06 Hrs	Practice of different hand aari stitches.	28. Practice and design variation in Aari for - <ul style="list-style-type: none"> <li>• Basic Stitches</li> <li>• Mirror work (30 hrs)</li> </ul>	Accessories used in Embroidery (06 hrs)
Professional Skill 30 Hrs;  Professional Knowledge 06 Hrs	Develop various hand aari design with the help of accessories.	29. Practice and design variation in Aari using accessories for - <ul style="list-style-type: none"> <li>• Stone work</li> <li>• Metallic Thread Embroidery</li> <li>• Beads &amp; Sequins (30 hrs)</li> </ul>	Various types of accessories used in embroidery; Laundry of Embroidery articles stains – Classification & Removal (06 hrs)
Professional Skill 60 Hrs;  Professional Knowledge 12 Hrs	Recall and prepare combination of zig-zag machine stitches and work style with the applique & satin,	30. Combination of stitches and work styles with following stitches <ul style="list-style-type: none"> <li>• Appliqué and satin</li> <li>• Cording and stem</li> </ul>	Quality Control <ul style="list-style-type: none"> <li>• Definition, need &amp; Planning</li> <li>• Types of Inspection</li> <li>• Stages of Inspection (12 hrs)</li> </ul>

**Surface Ornamentation Techniques (Embroidery)**

	<p>cording &amp; stem, stem &amp; satin, running &amp; satin, shade &amp; satin.</p>	<ul style="list-style-type: none"> <li>• Stem and satin</li> <li>• Running and satin</li> <li>• Shade and satin (30 hrs)</li> </ul> <p>31. About 4 samples shall be prepared, covering practice of different combination of stitches and work styles. (30 hrs)</p>	
<p><b>Project work:</b> Preparation of following garments using above said stitches(any two)</p> <ul style="list-style-type: none"> <li>• Frock</li> <li>• Ladies Kurta</li> <li>• Gents Kurta</li> <li>• Toper or Designer saree with a blouse using surface ornamentation techniques with two traditional embroideries.</li> </ul>			