



GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP  
DIRECTORATE GENERAL OF TRAINING

**COMPETENCY BASED CURRICULUM**

# HAND EMBROIDERY ARTISAN

(Duration: One year)

**CRAFTSMEN TRAINING SCHEME (CTS)**  
**NSQF LEVEL- 3.5**



**SECTOR – HANDICRAFTS& CARPETS**



Directorate General of Training

# HAND EMBROIDERY ARTISAN

(Traditional Trade)

(Designed in 2024)

Version: 1.0

**CRAFTSMEN TRAINING SCHEME (CTS)**

**NSQF LEVEL – 3.5**

Developed By

Ministry of Skill Development and Entrepreneurship

Directorate General of Training

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## 1. COURSE INFORMATION

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During the one-year duration of “Hand Embroidery Artisan’ trade, a candidate is trained on Professional Skill, Professional Knowledge and Employability Skill related to job role. In addition to this, a candidate is entrusted to undertake project work, extracurricular activities and on-the-job training to build up confidence. The broad components covered under Professional Skill subject are as below: -

The trainees will apply safe working practices at work place. They will identify and use embroidery tools, machine and operate with safety precautions. They can Prepare sample basic hand stitches (Temporary & permanent stitch). They prepare various decorative products by designing, innovation, apply different stitches and decorative stitches, ensuring quality and market demand. The trainees learn to construct different types of design by using CAD, perform different methods of designs used in Hand Embroidery Art, apply different techniques and process of making various kinds of shawls. They learn to categories different kinds of shawls like raffle, tosha, pashmina, shahtoosa etc. and check defects of finished products. Also examine the need for GI protection and understand the procedure of GI tagging.

## 2. TRAINING SYSTEM

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### 2.1 GENERAL

The Directorate General of Training (DGT) under Ministry of Skill Development & Entrepreneurship offers a range of vocational training courses catering to the need of different sectors of economy/ Labour market. The vocational training programs are delivered under the aegis of Directorate General of Training (DGT). Craftsman Training Scheme (CTS) with variants and Apprenticeship Training Scheme (ATS) are two pioneer schemes of DGT for strengthening vocational training.

Hand Embroidery Artisan trade under CTS is one of the newly designed courses. The CTS courses are delivered nationwide through network of ITIs. The course is of one-year duration. It mainly consists of Domain area and Core area. In the Domain area (Trade Theory & Practical) impart professional skills and knowledge, while Core area (Employability Skills) imparts requisite core skill, knowledge and life skills. After passing out the training program, the trainee is awarded National Trade Certificate (NTC) by DGT which is recognized worldwide.

#### **Trainee needs to demonstrate broadly that they are able to:**

- Read and interpret parameters/ documentation, plan and organize work processes, identify necessary materials and tools;
- Perform task with due consideration to safety rules, accident prevention regulations and environmental protection stipulations;
- Apply professional knowledge & employability skills while performing the job.
- Document the parameters related to the task undertaken.

### 2.2 PROGRESSION PATHWAYS

- Can join industry as Hand Embroidery Artisan and will progress further as Senior Embroiderer, Supervisor and can rise up to the level of Manager.
- Can become Entrepreneur in the related field.
- Can join Apprenticeship programs in different types of industries leading to a National Apprenticeship certificate (NAC).
- Can join Crafts Instructor Training Scheme (CITS) in the trade for becoming an instructor in ITIs.
- Can join Advanced Diploma (Vocational) courses under DGT as applicable.

## 2.3 COURSE STRUCTURE

Table below depicts the distribution of training hours across various course elements during a period of one year:

S No.	Course Element	Notional Training Hours
1	Professional Skill (Trade Practical)	840
2	Professional Knowledge (Trade Theory)	240
3	Employability Skills	120
	<b>Total</b>	<b>1200</b>

Every year 150 hours of mandatory OJT (On the Job Training) at nearby industry, wherever not available then group project is mandatory.

4	On the Job Training (OJT)/ Group Project	150
5	Optional Courses (10th/ 12th class certificate along with ITI certification or add on short term courses)	240

Trainees of one-year or two-year trade can also opt for optional courses of up to 240 hours in each year for 10th/ 12th class certificate along with ITI certification, or, add on short term courses.

## 2.4 ASSESSMENT & CERTIFICATION

The trainee will be tested for his skill, knowledge and attitude during the period of course through formative assessment and at the end of the training programme through summative assessment as notified by the DGT from time to time.

a) The **Continuous Assessment** (Internal) during the period of training will be done by **Formative Assessment Method** by testing for assessment criteria listed against learning outcomes. The training institute has to maintain an individual trainee portfolio as detailed in assessment guideline. The marks of internal assessment will be as per the formative assessment template provided on [www.bharatskills.gov.in](http://www.bharatskills.gov.in)

b) The final assessment will be in the form of summative assessment. The All India Trade Test for awarding NTC will be conducted by Controller of examinations, DGT as per the guidelines. The pattern and marking structure are being notified by DGT from time to time. **The learning outcome and assessment criteria will be the basis for setting question papers for final**

**assessment. The examiner during final examination will also check** the individual trainee's profile as detailed in assessment guideline before giving marks for practical examination.

### 2.4.1 PASS REGULATION

For the purposes of determining the overall result, weightage of 100 % is applied for six months and one-year duration courses and 50% weightage is applied to each examination for two years courses. The minimum pass percent for Trade Practical and Formative assessment is 60% & for all other subjects is 33%.

### 2.4.2 ASSESSMENT GUIDELINE

Appropriate arrangements should be made to ensure that there will be no artificial barriers to assessment. The nature of special needs should be taken into account while undertaking assessment. Due consideration should be given while assessing for teamwork, avoidance/reduction of scrap/wastage and disposal of scarp/wastage as per procedure, behavioral attitude, sensitivity to environment and regularity in training. The sensitivity towards OSHE and self-learning attitude are to be considered while assessing competency.

Assessment will be evidence based comprising some of the following:

- Job carried out in labs/workshop
- Record book/ daily diary
- Answer sheet of assessment
- Viva-voce
- Progress chart
- Attendance and punctuality
- Assignment
- Project work
- Computer based multiple choice question examination
- Practical Examination

Evidences and records of internal (Formative) assessments are to be preserved until forthcoming examination for audit and verification by examination body. The following marking pattern to be adopted for formative assessment:

Performance Level	Evidence
(a) Marks in the range of 60 -75% to be allotted during assessment	
For performance in this grade, the candidate with occasional guidance and showing due regard for safety procedures and practices, has produced work which demonstrates attainment	<ul style="list-style-type: none"> <li>• Demonstration of good skill in the use of hand tools, machine tools and workshop equipment</li> <li>• 60-70% accuracy achieved while</li> </ul>

of an acceptable standard of craftsmanship.	<p>undertaking different work with those demanded by the component/job/set standards.</p> <ul style="list-style-type: none"> <li>• A fairly good level of neatness and consistency in the finish</li> <li>• Occasional support in completing the project/job.</li> </ul>
(b) Marks in the range of above 75% - 90% to be allotted during assessment	
For this grade, the candidate, with little guidance and showing due regard for safety procedures and practices, has produced work which demonstrates attainment of a reasonable standard of craftsmanship.	<ul style="list-style-type: none"> <li>• Good skill levels in the use of hand tools, machine tools and workshop equipment</li> <li>• 70-80% accuracy achieved while undertaking different work with those demanded by the component/job/set standards.</li> <li>• A good level of neatness and consistency in the finish</li> <li>• Little support in completing the project/job</li> </ul>
(c) Marks in the range of above 90% to be allotted during assessment	
For performance in this grade, the candidate, with minimal or no support in organization and execution and with due regard for safety procedures and practices, has produced work which demonstrates attainment of a high standard of craftsmanship.	<ul style="list-style-type: none"> <li>• High skill levels in the use of hand tools, machine tools and workshop equipment</li> <li>• Above 80% accuracy achieved while undertaking different work with those demanded by the component/job/set standards.</li> <li>• A high level of neatness and consistency in the finish.</li> <li>• Minimal or no support in completing the project.</li> </ul>



### 3. JOB ROLE

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**Hand Embroiderer, Zari/Hand Embroider, Traditional Crafts;** sews ornamental designs by hand over stamped or stencilled patterns on fabric, using special embroidery material (zari) such as kora, kangani, sadi, nakshi, beads, tikli, sitare, etc. Stitches 'baithan' (cloth which forms base) to string loops of 'Karchob' or 'adda' (embroidery frame), adjusts 'Karchob' so that 'baithan' is evenly taut on all sides. Stitches, cotton, wool or silk fabric to work on 'baithan' in frame. Stencil design to be embroidered on fabric. Cuts zari material into pieces of required size with scissors. Threads needle with yarn and stitches neatly 'zari' pieces and beads etc., of proper size, colour and kind over stencilled design on fabric to make required pattern. Removes embroidered fabric from frame. May trace designs on fabric.

**Sewers, Embroiderers and Related Workers, Other;** include all other sewers, embroiderers and related workers engaged in other types of sewing and embroidery work, not elsewhere classified

**Reference NCO-2015:**

- a) 7533.0300 - Hand Embroiderer, Zari; Zari Worker; Zardozi Worker
- b) 7533.9900 - Sewers, Embroiderers and Related Workers, Other

**Reference NOS:**

- a) AMH/N9447
- b) AMH/N9448
- c) AMH/N9449
- d) AMH/N9450
- e) AMH/N9451
- f) AMH/N9452
- g) AMH/N9453
- h) AMH/N9460

## 4. GENERAL INFORMATION

<b>Name of the Trade</b>	<b>HAND EMBROIDERY ARTISAN</b>
<b>NCO – 2015</b>	7533.0300, 7533.9900
<b>NOS covered</b>	AMH/N9447, AMH/N9448, AMH/N9449, AMH/N9450, AMH/N9451, AMH/N9452, AMH/N9453, AMH/N9460
<b>NSQF Level</b>	Level-3.5
<b>Duration of Craftsmen Training</b>	One year (1200 hours + 150 hours OJT/Group Project)
<b>Entry Qualification</b>	Passed 10 <sup>th</sup> class examination
<b>Minimum Age</b>	14 years as on first day of academic session.
<b>Eligibility for PwD</b>	LD, LC, DW, AA, LV, DEAF, AUTISM, SLD
<b>Unit Strength (No. Of Student)</b>	20 (There is no separate provision of supernumerary seats)
<b>Space Norms</b>	58 Sq. m
<b>Power Norms</b>	2 KW
<b>Instructors Qualification for</b>	
<b>(i) Hand Embroidery Artisan Trade</b>	<p>B.Voc/ Degree in Textile Designing from AICTE / UGC recognized university with 1year experience in relevant field.</p> <p style="text-align: center;">OR</p> <p>03 year diploma in Textile Designing from recognized board of education with 2 year experience in relevant field.</p> <p style="text-align: center;">OR</p> <p>NTC /NAC in Hand Embroidery Artisan with three-year experience in the relevant field</p> <p style="text-align: center;">OR</p> <p>Registered artisan of handicraft department of Central/ State govt. with 05 years' experience.</p> <p><b><u>Essential Qualification:</u></b> Relevant Regular/ RPL variants of National Craft Instructor Certificate (NCIC) under DGT.</p> <p><b><i>Note: - Out of two Instructors required for the unit of 2 (1+1), one must have Degree/Diploma and other must have NTC/NAC qualifications. However, both of them must possess NCIC in any of its variants.</i></b></p>
<b>(ii) Employability Skill</b>	MBA/ BBA/ Any Graduate/ Diploma in any discipline with Two years' experience with short term ToT Course in Employability Skills.

	(Must have studied English/ Communication Skills and Basic Computer at 12th / Diploma level and above) OR Existing Social Studies Instructors in ITIs with short term ToT Course in Employability Skills.
<b>(iii) Minimum Age for Instructor</b>	21 Years
<b>List of Tools &amp; Equipment</b>	As per Annexure-I

## 5. LEARNING OUTCOME

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*Learning outcomes are a reflection of total competencies of a trainee and assessment will be carried out as per the assessment criteria.*

### 5.1 LEARNING OUTCOMES

1. Perform basic workshop operations using suitable tools for stitching viz. needle, shawl cotton thread, silk thread etc. (NOS: AMH/N9447)
2. Test and verify all tools by checking different parameters used in specified jobs. (NOS: AMH/N9447)
3. Make various decorative products by designing innovative gift items. (NOS: AMH/N9448)
4. Ensure quality of products as per market demand requirement as per needs. (NOS: AMH/N9449)
5. Construct different types of Design by using CAD. (NOS: AMH/N9450)
6. Apply different stitches and decorative stitches. (NOS: AMH/N9447)
7. Perform different methods of designs used in Hand Embroidery Artisan. (NOS: AMH/N9447)
8. Apply different techniques and process of making various kinds of shawls. (NOS: AMH/N9451)
9. Categories different kinds of shawls like raffle, tosha, pashmina, shahtoosa etc. and check defects of finished products. (NOS: AMH/N9451)
10. Calculate material consumption and reduction of wastage, testing of hand embroidery products. (NOS: AMH/N9452)
11. Calculate cost of production and quality assessment of hand embroidery products. (NOS: AMH/N9453)
12. Examine the need for GI protection and to recognize the procedure involved in GI tagging. (NOS: AMH/N9460)

## 6. ASSESSMENT CRITERIA

LEARNING OUTCOMES	ASSESSMENT CRITERIA
1. Perform basic workshop operations using suitable tools for stitching viz. needle, shawl cotton thread, silk thread etc. (NOS: AMH/N9447)	Demonstrate the basic tools used in hand embroidery.
	Identify the needle which is used in shawl making process.
	Identify different kind of threads cotton as well as silk thread.
	Identify finger protector which is used for protecting our fingers during Hand Embroidery Artisan work
	Identify basic faults and correct.
	Safety and maintenance.
2. Test and verify all tools by checking different parameters used in specified jobs. (NOS: AMH/N9447)	Operate all tools like needle and finger protectors during training programme
3. Make various decorative products by designing innovative gift items. (NOS: AMH/N9448)	Design intervention on new innovative products.
	Make designs attractive and beautiful.
	Make those shawls which are marketable throughout the year.
	Make designs according to modern needs of people.
4. Ensure quality of products as per market demand requirement as per needs. (NOS: AMH/N9449)	Prepare quality products of Hand Embroidery Artisan and made them as per their requirements of people.
	Identify and use the Pressing and Embroidery tools with safety.
	Select suitable designs thread and fabric.
	Carry out embroidery work as per the design requirements.
	Maintain hygiene.
	Maintain safety.
	Maintain quality as per requirement.
5. Construct different types of Design by using CAD. (NOS: AMH/N9450)	Identify various parts of computers and related to computerized embroidery
	Use of printers and scanner
	Different tools application in CAD software
	Making designs and colouring software
	Construction of design by using CAD
6. Apply different stitches and decorative stitches. (NOS: AMH/N9447)	Hold the needle and do stitching properly.
	Identify the basic hand stitches.
	Importance of knowing the basic hand stitches.

	Create mini projects using basic hand stitches.
7. Perform different methods of designs used in Hand Embroidery Artisan. (NOS: AMH/N9447)	Select correct needles, frames tracing method.
	Select suitable designs thread and fabric.
	Carry out embroidery work as per the design requirements.
	Maintain hygiene.
	Maintain safety.
	Maintain quality as per requirement.
8. Apply different techniques and process of making various kinds of shawls. (NOS: AMH/N9451)	Identify and use the suitable tools for designing.
	Start embroidery and complete the design step by step by applying suitable stitches at the required portions.
	Remove the frame trim extra thread and press the pillow cover neatly.
9. Categories different kinds of shawls like raffle, tosha, pashmina, shahtoosa etc. and check defects of finished products. (NOS: AMH/N9451)	Select appropriate measuring instruments as per tool list
	Plan & identify tools, instruments and equipment for make this available for use in a timely manner
	Prepare the job for primary and secondary work of zeal.
	Perform double sozniduwolut.
	Identify different shawls.
10. Calculate material consumption and reduction of wastage, testing of hand embroidery products. (NOS: AMH/N9452)	Calculate embroidery, lining and other materials consumed in making Hand Embroidery Artisan.
	Select suitable methods for reduction of wastes.
	Test and assess Hand Embroidery Artisan.
	Identify different types of the raw materials used.
	Identify construction of materials and reduction of wastage.
11. Calculate cost of production and quality assessment of Hand Embroidery Artisan products. (NOS: AMH/N9453)	Calculate cost of making product.
	Perform Quality assessment of Hand Embroidery Artisan as per BS, DIN or ISO standards
	Identify testing equipment's and test methods developed for different styles and design of Hand Embroidery Artisan.
	Test and assess quality.
12. Examine the need for GI protection and to recognize the procedure involved in GI tagging. (NOS: AMH/N9460)	Understand and familiarize with indicator attributes.
	Apply GI protection as per requirement
	Apply GI tagging as per requirement
	Prepare process in prescribed format.

	Inspection structure for maintaining quality
	Measures different protection for eliminating infringements.

## SYLLABUS FOR HAND EMBROIDERY ARTISAN TRADE

**DURATION: ONE YEAR**

Duration	Reference Learning Outcome	Professional Skills (Trade Practical)	Professional Knowledge (Trade Theory)
Professional Skill 60 Hrs;  Professional Knowledge 30Hrs	Perform basic workshop operations using suitable tools for stitching viz. needle, shawl cotton thread, silk thread etc.	<ol style="list-style-type: none"> <li>1. Demonstrate present trend of Embroidery artisan by samples.</li> <li>2. Demonstratedifferent raw material.</li> <li>3. Identify tools used in Hand Embroidery Artisan like needle, thimbles or finger protectors, and different threads.</li> <li>4. Prepare wooden blocks.</li> <li>5. Identify different thread viz., cotton, silk, golden thread &amp; silver thread.</li> <li>6. Practicehandling of Tools with Safety Practical Exercises on. <ul style="list-style-type: none"> <li>• Colour Wheel</li> <li>• Colour Schemes</li> </ul> </li> <li>7. Carryout printing with a block.</li> </ol>	<p>Familiarization with the Institute</p> <p>Introduction to the TradeHistory</p> <p>Job Prospects and objective of the course.</p> <p>Concept and history of shawl embroidery.</p> <p>Knowledge of Trade related Tools &amp;their Importance.</p> <p>Knowledge of Color Wheel and color Schemes.</p> <p>Introduction to blocks and how are they used</p>
Professional Skill 55Hrs;  Professional Knowledge 05Hrs	Test and verify all tools by checking different parameters used in specified jobs.	<ol style="list-style-type: none"> <li>8. Construct Basic Hand Stitches: <ul style="list-style-type: none"> <li>• Temporary <ul style="list-style-type: none"> <li>➤ Basting even</li> <li>➤ Basting uneven</li> <li>➤ Diagonal</li> <li>➤ Slip basting</li> </ul> </li> <li>• Permanent <ul style="list-style-type: none"> <li>➤ Running stitch</li> <li>➤ Hemming stitch</li> <li>➤ Slip stitch</li> <li>➤ Run and back stitch</li> <li>➤ Over casting</li> <li>➤ Whip stitch</li> <li>➤ Steam stitch</li> <li>➤ Satin stitch</li> <li>➤ Back stitch</li> <li>➤ Chain stitch</li> <li>➤ Button hole stitch</li> <li>➤ French stitch</li> </ul> </li> </ul> </li> </ol>	Knowledge of Hand Embroidery Artisan& Stitches.



		➤ Mirror stitch	
Professional Skill 45Hrs;  Professional Knowledge 15hrs	Ensure quality of products as per market demand requirement as per needs.	9. Identify threads in shawl embroidery like: Cotton Thread = 40 Cotton Thread = 50 Cotton Thread = 60 Cotton Thread = 80 10. Identify pure silk and rolled silk. 11. Identify cloth material like cotton cloth Rafal, Toosha, Semi pashmina, Count, pashmina and Shahtoosa. Shawls.	Introduction about embroidery Threads. Knowledge of trade related tools. Concept of pure silk and rolled silk Introduction about raffal, count (64), count, (120), tosha, pashmina, semi pashmina and Shahtoosa.
Professional Skill 125hrs;  Professional Knowledge 25 hrs	Construct different types of Design by using CAD.	12. Demonstrate personal computer and its parts. 13. Start a Personal computer and starting software's like paintbrush, CAD. 14. Use printer and scanner. 15. Practice operation of Mouse. 16. Practice on paint brush. 17. Practice of computer basics. 18. Make designs and practice colouring on software. 19. Practice on CAD	<ul style="list-style-type: none"> <li>• Introduction and function of various parts of computer also relate it to computerized embroidery.</li> <li>• Basic knowledge of computer.</li> <li>• Introduction to CAD</li> <li>• Commands like cut, copy, paste and text writing.</li> <li>• Introduction to internet, web browser and search engines.</li> <li>• How to use CAD</li> </ul>
Professional Skill 40hrs;  Professional Knowledge 20hrs	Apply different stitches and decorative stitches.	20. Demonstrate different sizes of Needles. <ul style="list-style-type: none"> <li>• Needle size 4</li> <li>• Needle size 5</li> <li>• Needle size 6</li> </ul>	<ul style="list-style-type: none"> <li>• Types of Needle and their uses and handling.               <ul style="list-style-type: none"> <li>➤ Needle precautions</li> <li>➤ Types of needle</li> <li>➤ Selection of needle</li> <li>➤ according to fabric</li> </ul> </li> </ul> Types of Embroidery Threads <ul style="list-style-type: none"> <li>➤ Brief knowledge of threads. Composition</li> <li>➤ Benefits and disadvantages of different kinds of thread.</li> </ul>
Professional Skill 65hrs;	Perform different methods of	21. Identify the fabrics <ul style="list-style-type: none"> <li>• Shahtoosha(Tibetan Antelope)</li> <li>• Pashmina(Himalayan Cashmere)</li> </ul>	Type of Fabrics <ul style="list-style-type: none"> <li>• How to handle different fabrics.</li> </ul>

Professional Knowledge 25 hrs	designs used in Hand Embroidery Artesian.	<p>22. Practice on Raffal (Sheep Wool) Preparing, Paper Mache work on shawls</p> <p>23. Practice on Saari Embroidery and its making.</p> <p>24. Practice on Kingri work</p> <p>25. Practice on kaaj, levelling line, Hamb and Tich</p> <p>26. Practice on Char koon</p>	<ul style="list-style-type: none"> <li>• Benefits and disadvantage of heavy and light fabrics.</li> <li>• Details Knowledge of Embroidery process</li> <li>• How to do saari work</li> <li>• What is kaaj, levelling line, hemb and tich</li> <li>• Charkoon (four corner embroidery)</li> </ul>
Professional Skill 60hrs;  Professional Knowledge 30hrs	Apply different techniques and process of making various kinds of shawls.	<p>27. Demonstrate different types of shawl Embroidery like Sonzi, Double Sozni Yakroi, Tehreerkaar, Touthkaar.</p> <p>28. Demonstrate different Motifs of shawl Embroidery.</p> <p>29. Perform secondary work of Berg, duberg, Seberg.</p> <p>30. Perform primary work of Berg, duberg and seberg.</p> <ul style="list-style-type: none"> <li>• Primary work of Panj berg.</li> <li>• Secondary work of Panj berg.</li> <li>• Tertiary work of Panj berg.</li> <li>• Primary work of zem berg.</li> <li>• Secondary work of zem berg.</li> <li>• Tertiary work of zem berg.</li> </ul> <p>31. Practice primary and secondary work of Moher (*)</p> <p>32. Practice primary work of Badaam (paisley)</p> <p>33. Practice secondary work of Badaam.</p> <p>34. Practice tertiary work of Badaam.</p> <p>35. Practice primary work of Zeal.</p> <p>36. Practice secondary work of Zeal.</p> <p>37. Practice tertiary work of Zeal.</p>	<ul style="list-style-type: none"> <li>➤ Types of hand embroideries for Shawls</li> <li>• Sozni embroidery</li> <li>• Paper Mache embroidery</li> <li>• Kalamkari embroidery</li> <li>• Tilla embroidery</li> <li>• Aari embroidery</li> <li>➤ Common designs used in embroidery</li> <li>➤ Concept of different Motifs of shawl embroidery.</li> <li>➤ Introduction about berg duberg, seberg, panj berg and badaam.</li> <li>➤ Introduction about Zeal</li> </ul>
Professional Skill 70hrs;  Professional Knowledge 20hrs	Categories different kinds of shawls like raffle, tosha, pashmina, shahtoosa etc. and check defects of finished	<p>38. Practice on Double sozni or Duwolut</p> <p>39. Practice on Primary /secondary/ territory:</p> <ul style="list-style-type: none"> <li>• Chinar</li> <li>• Gaadikund</li> <li>• Lotus</li> <li>• Mehraab</li> <li>• Ukpun/Dupun/Trupun</li> </ul> <p>40. Demonstrate concept of single and double threads.</p>	<ul style="list-style-type: none"> <li>➤ Introduction to chinar</li> <li>➤ Gaadikund</li> <li>➤ Lotus</li> <li>➤ Mehraab</li> <li>➤ Ukpun/Dupun/Trupun</li> <li>Designs used in Hand Embroidery Artisan</li> </ul>

	products.	<p>41. Practice on different designs in shawl Embroidery and making of these designs</p> <ul style="list-style-type: none"> <li>• Bail daar design</li> <li>• Haashidaar design</li> <li>• Meemdaar design</li> <li>• Dour daar design</li> <li>• Kalaan dour design</li> <li>• Pulhdaar design</li> <li>• Jaalidaar design</li> <li>• Jaamawaar design</li> <li>• Khaitraas design</li> </ul> <p>42. Check manufacturer defect on the finished products of test method by machine.</p> <p>43. Identify various damage and defects on the finished products to be rectified.</p>	
Professional Skill 55Hrs;  Professional Knowledge 05Hrs	Make various decorative products by designing innovative gift items.	<p>44. Prepare Primary work of Jugenni, Texxi, Tout.</p> <p>45. Prepare Secondary work of Juggeni, Texxi, Tout. Prepare Tertiary work of Juggeni, Texxi, Tout.</p> <p>46. Prepare Primary work of Watti Tout, Duwalut.</p> <p>47. Prepare Secondary work of Watti Tout, Duwalut.</p> <p>48. Prepare Tertiary work of Watti Tout, Duwalut.</p> <p>49. Prepare Primary work of shudani and cudani.</p> <p>50. Prepare Secondary work of shudani and cudani</p> <p>51. Prepare Tertiary work o shudani and cudani.</p>	<p>➤ Introduction about jugnnitexxi and tout, wati tout and duwalut.</p> <p>➤ Watti tout</p> <p>➤ Duwalut</p> <p>➤ Shudani and cudani</p>
Professional Skill 75Hrs;  Professional Knowledge 15Hrs	Apply different techniques and process of making various kinds of shawls.	<p>52. Practice on colour combinations:</p> <ul style="list-style-type: none"> <li>• Felikaar combination</li> <li>• Khakhikaar combination</li> <li>• Sofiyana combination</li> <li>• Modern combination</li> <li>• Cultural combination</li> </ul> <p>53. Conduct market research.</p> <p>54. Survey of marketing chain from weaver to customer.</p> <p>55. Practice on setting up handicraft</p>	<p>➤ Colour combinations used in Shawl Embroidery Marketing chain from weaver to customer.</p> <ul style="list-style-type: none"> <li>• Weaver</li> <li>• Naqash</li> <li>• Artisan</li> <li>• Washer</li> <li>• Broker</li> <li>• Dealer</li> <li>• Retailer</li> </ul>

		<p>business.</p> <p>56. Demonstrate procedure for GI registration</p> <p>57. Practice preparing dual sided shawl.</p> <p>58. Practice use of Silk thread Pure silk and Rolled silk on dual sided shawl.</p>	<ul style="list-style-type: none"> <li>• Exporter</li> <li>• Customer</li> </ul> <p>Describe existing resources for setting up Handicrafts business.</p> <ul style="list-style-type: none"> <li>• Economic and Cultural Impact</li> <li>• Economic Benefits of GI Tagging for textiles.</li> <li>• Preservation of Cultural Heritage of product</li> </ul> <p>Dual sided shawl and Dual Sided work</p> <p>Problems related to shawl embroidery and their solution. Raw material issues and their solution.</p> <p>Direct marketing and its advantages.</p> <p>Artisan's basic problems and their solution.</p> <p>Basic guidelines to become a good Artisan.</p>
Professional Skill 65hrs;  Professional Knowledge 10 hrs	Calculate material consumption and reduction of wastage, testing of hand embroidery products.	<p>59. Perform preparation of Rafugari work.</p> <p>60. Identify materials used for Rafugari work.</p> <p>61. Practice on washing and packing.</p> <p>62. Calculate the raw materials used.</p> <p>63. Calculate material consumption.</p>	<p>Rafugari and its techniques</p> <p>Process of washing and packing.</p> <p>Raw Material used</p> <p>Material management</p>
Professional Skill 65 hrs;  Professional Knowledge 10 hrs	Calculate cost of production and quality assessment of Hand Embroidery products.	<p>64. Conduct the different tests with different fabrics to check the purity.</p> <p>65. Determine the total number of finished products.</p> <p>66. Perform estimation of products.</p>	<p>Quality assurance</p> <p>Estimation of final product</p>
Professional Skill 60 hrs;	Examine the need for GI	67. Procedure for submission of application G.I registration.	<b>Introduction to Geographical Indications:</b>

Professional Knowledge 30 hrs	protection and to recognize the procedure involved in GI tagging.	68. Procedure for allotment of G.I number. 69. Procedure for registration of craftsmen for allotment of G.I registration 70. Procedure for registration of finished job for G.I registration. 71. Procedure for identification of various parameters as per G.I tagging.	<ul style="list-style-type: none"> <li>• Definition and significance</li> <li>• Historical Background.             <ul style="list-style-type: none"> <li>➤ Introduction</li> <li>➤ Purpose of marketing</li> <li>➤ Types of marketing</li> <li>➤ 4ps of marketing.</li> </ul> </li> </ul> <p>Product, price, place and promotion</p> <p><b>Process of GI Registration</b></p> <p>Criteria for obtaining GI Status.</p> <p>Application Procedures.</p> <p>Introduction of GI protection.</p> <p>Concepts of GI recognition procedure</p> <p>Principle of GI tagging as per requirement.</p>
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**Note:** The duration of Professional skills (Trade practical) and Professional knowledge (Trade theory) are indicative only. The Training Institute has the flexibility to adopt suitable training duration for effective training.

## SYLLABUS FOR CORE SKILLS

1. Employability Skills (Common for all CTS trades) (120hrs.)

Learning outcomes, assessment criteria, syllabus and Tool List of Core Skills subjects which is common for a group of trades, provided separately in [www.bharatskills.gov.in/](http://www.bharatskills.gov.in/)  
[www.dgt.gov.in](http://www.dgt.gov.in)

List of Tools & Equipment			
HAND EMBROIDERY ARTISAN (For batch of 20 Candidates)			
S No.	Name of the Tools and Equipment	Specification	Quantity
<b>A. TRAINEES TOOL KIT (consumable item)</b>			
1.	Measuring Tape	150 cm	05 Nos.
2.	Embroidery needles	Different sizes	20 pkts.
3.	Thimble/finger protectors		20 Nos.
4.	Thread cutter/ Clipper		20 Nos.
5.	Color plate		20 Nos.
6.	Color brush	No. 00,1, 2	21Nos. each
7.	Scale plastic	12"	21 Nos.
8.	Different raffal shawls		20 Nos each.
9.	Embroidery Ring/ Hoop (wooden)		21 Nos.
10.	Water erasable marking pen		20Nos.
11.	Cotton fabric	As required (max.20 mtr.)	As per requirement
<b>B. General Hand Tools</b>			
12.	Hangers	Hangers	21Nos.
13.	Cloth Scissors		1 No.
14.	Paper scissors		1 No.
15.	Electric Iron		1 No.
16.	Ironing table		1 No.
17.	Thread storage cabinet		2 Nos.
18.	Marker pen		2 Nos.
19.	Shade card		5 Nos.
20.	Wall hangers		5 Nos.
21.	Automatic Electric Press		2Nos.
22.	Dummy		2 Nos.
23.	Carpet	Size as required	1No.
24.	Cushions with covers		20 Nos.
25.	Pinking scissors		5 Nos.
26.	Appliqué scissors		4Nos.
27.	Cutting scissors		5Nos.
28.	Wooden blocks		As required
<b>C. Equipment</b>			
29.	Desktop Computer with UPS	CPU: 32/64Bit i3/i5/i7 or latest	05Nos.

		processor, Speed:3 GHz or Higher. RAM: -8 GBDDR-III or Higher,512 Gb SSD,Wi-Fi Enabled. Network Card:Integrated GigabitEthernet, withUSB Mouse, USBKeyboardand Monitor (Min.17InchLicensed Operating System andAntivirus compatible withtrade relatedsoftware.	
30.	White Magnetic Board with Felt Board & accessories		1No.
31.	Gas heater		2 Nos.
32.	Display Board		2Nos.
33.	Book Shelf		1No.
34.	Locker		1 No.
35.	Trade related software Like computer Aided designing (CAD) and Corel draw etc.		1 No. for each system
36.	Coral draw software		4 Nos.
37.	Desktop Computer with UPS	CPU:32/64Biti3/i5/i7orlatestprocessor, Speed: 3 GHz or Higher. RAM: - 4 GBDDR-IIIor Higher, Wi-Fi Enabled. Network Card: Integrated Gigabit Ethernet, with USB Mouse, USB Keyboard and Monitor(Min.17Inch Licensed Operating System and Antivirus compatible with trade related software.	05 Nos.
38.	LAN connectivity		As required
39.	Multi-functional A3 size color printer Latest with trolley		1 No.
40.	Printer		1No.
41.	Scanner		1No.
<b>D. General shop outfit, furniture and Materials</b>			
42.	Fire Extinguisher		01 No.
43.	Instructor Chairs		02 Nos.
44.	Instructor table		02 Nos.
45.	Computer Table		05 nos.
46.	Computer Chairs		20 nos.
47.	Stool		05 Nos.
48.	Steel Almirah		02 Nos.
49.	White board		01 No.



50.	White board marker		01 Box
51.	Duster		05 Nos.
52.	Cotton cloth (duster)		05Nos.
53.	Metal Rack	100cmX 150cm X 45cm	04 Nos.
54.	Lockers with 16 drawers standard size		02 Nos.
55.	Smart interactive board		01 No.
56.	Split AC (with Stabilizer)		As required
57.	Notebooks for trainees' theory and practical		52 Nos. each
58.	Pencils, erasers, sharpeners		52 Nos. each
59.	Notice board		01 No.
60.	Wall clock		01 No.

**Note: -**

*Internet facility is desired to be provided in the class room.*

The DGT sincerely acknowledges contributions of the Industries, State Directorates, TradeExperts, Domain Experts, trainers of ITIs, NSTIs, faculties from universities and all others who contributed in revising the curriculum.

Special acknowledgement is extended by DGT to the following expert members who had contributed immensely in this curriculum.

<b>List of Expert members participated for finalizing the course curriculum of Hand Embroidery Artisan trade held on 01<sup>st</sup> &amp; 02<sup>nd</sup> February, 2024 at Srinagar (Jammu &amp; Kashmir).</b>			
<b>S No.</b>	<b>Name &amp; Designation Sh/Mr./Ms.</b>	<b>Organization</b>	<b>Mentor Council Designation</b>
1.	Shri Sudershan Kumar – JKAS, Director	Skill Development - J&K	Chairman
2.	Shri Sanjay Kumar – ISDS, Director	CD, DGT - MSDE	Co-chairman
3.	Shri G.C.Rama Murthy – ISDS, Joint Director	CD, DGT - MSDE	Member
4.	Shri Khan Farooq Ahmed, Joint Director (Nodal Officer)	Skill Development, Kashmir	Member
5.	Shri G M Bhat, Joint Director	Skill Development, Jammu	Member
6.	Shri MohdShafi Bhat, Principal	Govt Women Polytechnic Srinagar	Member
7.	Shri V.K.Saksena – ISDS, Deputy Director	NSTI Jammu (Srinagar Extension)	Member
8.	Shri Mohd Ashraf Wani, Principal (Senior Scale)	Govt ITI Srinagar	Member
9.	SmtFoziya Yousuf Illahi, HOD	Govt Women Polytechnic Srinagar	Member
10.	Shri S. Bandyopadhyay – ISDS, Assistant Director	CD, DGT - MSDE	Member
11.	Shri Sajad Hussain Naqueeb, Assistant Director (Trg.)	DSD Office Srinagar	Member
12.	Shri Ravi Gupta, Assistant Director	DSD Office Srinagar	Member
13.	Shri Surinder Kumar, Assistant Director	Handicraft & Handloom Department, Kashmir	Member
14.	Shri Javid Ahmed Ganai, Principal	Govt ITI Baramulla	Member
15.	Shri Imran Wajahat, Principal	Govt ITI Anantnag	Member
16.	Shri Mubashir Hafiz Jan, Superintendent	Govt ITI Kangan	Member
17.	Shri Imtiyaz Ahmad Mir, Superintendent	Govt ITI Pattan	Member
18.	Shri P.K.Bairagi, Training	CSTARI - Kolkata	Member

	Officer		
19.	Shri B.K.Nigam, Training Officer	CSTARI - Kolkata	Member
20.	Shri Nazir Ahmad, Technical Asst.	JD Office Jammu	Member
21.	Shri Subhash Chander Sharma, Handicraft Training Officer (Industry Expert)	Handicraft & Handloom Department, Jammu	Member
22.	Shri Mir Ashraf Ahmad, Asst. Handicraft Training Officer (Industry Expert)	Handicraft & Handloom Department, Kashmir	Member
23.	Shri Imtiyaz Ahmad, Industry Expert	Handicraft & Handloom Department, Kashmir	Member
24.	Shri Rajeev Pandita, President (Industry Expert)	Rural Artisan Welfare Society, Jammu (NGO)	Member
25.	Shri Manzoor Ahmad Bhat, Proprietor (Industry Expert)	ASEIL Weavers Pvt Ltd Srinagar	Member
26.	SmtNelofar Jan, Proprietor (Industry Expert)	New Bhat Handicrafts, Srinagar	Member
27.	Smt Arshad Hussain Bhat, Proprietor (Industry Expert)	Central Cottage Industries, Srinagar	Member
28.	Shri Riyaz Ahmad, Proprietor (Industry Expert)	New Bhat Handicraft, Srinagar	Member
29.	Shri Nayeem Ahmad Baba, Director (Trade Expert)	NCVET Assessment Agency	Member
30.	SmtBazila Lateef, Trade Expert (Hand Embroidery Artisan)	Govt Women ITI Bemina	Member
31.	SmtZeenat Nazir Sofi, Trade Expert (Hand Embroidery Artisan)	Govt ITI Baramulla	Member
32.	Shri Majid Ahmad Para, Trade Expert (Hand Embroidery Artisan)	Govt ITI Pattan	Member
33.	SmtBilquees Qureshi, Trade Expert (Hand Embroidery Artisan)	Govt Women Polytechnic Srinagar	Member
34.	Shri Rafiq Ahmad Mir, Trade Expert (Hand Embroidery Artisan)	Govt ITI Pattan	Member
35.	Shri Zubair Ahmad Meer, Trade Expert (Hand Embroidery Artisan)	Govt ITI Baramulla	Member

### **ABBREVIATIONS**

CTS	Craftsmen Training Scheme
ATS	Apprenticeship Training Scheme
CITS	Craft Instructor Training Scheme
DGT	Directorate General of Training
MSDE	Ministry of Skill Development and Entrepreneurship
NTC	National Trade Certificate
NAC	National Apprenticeship Certificate
NCIC	National Craft Instructor Certificate
LD	Locomotor Disability
CP	Cerebral Palsy
MD	Multiple Disabilities
LV	Low Vision
HH	Hard of Hearing
ID	Intellectual Disabilities
LC	Leprosy Cured
SLD	Specific Learning Disabilities
DW	Dwarfism
MI	Mental Illness
AA	Acid Attack
PwD	Person with disabilities

