

# HAND EMBROIDERER

QUALIFICATION PACK: Ref. Id. : AMH/Q1001

## SECTOR

Apparel, Made  
Ups and Home  
Furnishing



## CLASS

IX and X

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी  
NCERT

## PSS CENTRAL INSTITUTE OF VOCATION EDUCATION

(A constituent Unit of National Council of Educational Research and Training, under Ministry of Education, Government of India), Shyamla Hills, Bhopal – 462002 (M.P.)

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## VOCATIONAL EDUCATION

Vocational Education and Training (VET) in India is organised through the formal, informal and non-formal sector. VET delivery occurs in different forms, according to different target groups and the skill needs of the learners. Amongst the various Ministries, the Ministry of Skill Development and Entrepreneurship (MOSDE) and the Ministry of Education (MOE), Government of India are responsible for the majority of the skill development schemes and programmes. VET provisions made through the schools, colleges and universities come under the purview of the Department of School Education and Literacy and Department of Higher Education of the MoE. The vocational education and training provided through Polytechnics, Industrial Training Institutes, Jan Shikshan Sansthan, National Institute for Entrepreneurship and Small Business Development comes under MOSDE. Schools provide an environment to the learners for systematic acquisition of knowledge, skills and attitude required to meet the varied aspirational needs and educational goals. The school-based vocational education programmes provide training for entry-level qualifications in various occupations.



Vocationalisation of education, which refers to the inclusion of those practical subjects or courses, which shall generate among the students some basic knowledge, skills and disposition that prepare them to think of becoming skilled workers or entrepreneurs is being implemented under the Samagra Shiksha - an integrated scheme of school education. It is designed to provide diverse educational opportunities and career pathways and improve learning outcomes in occupational skills.

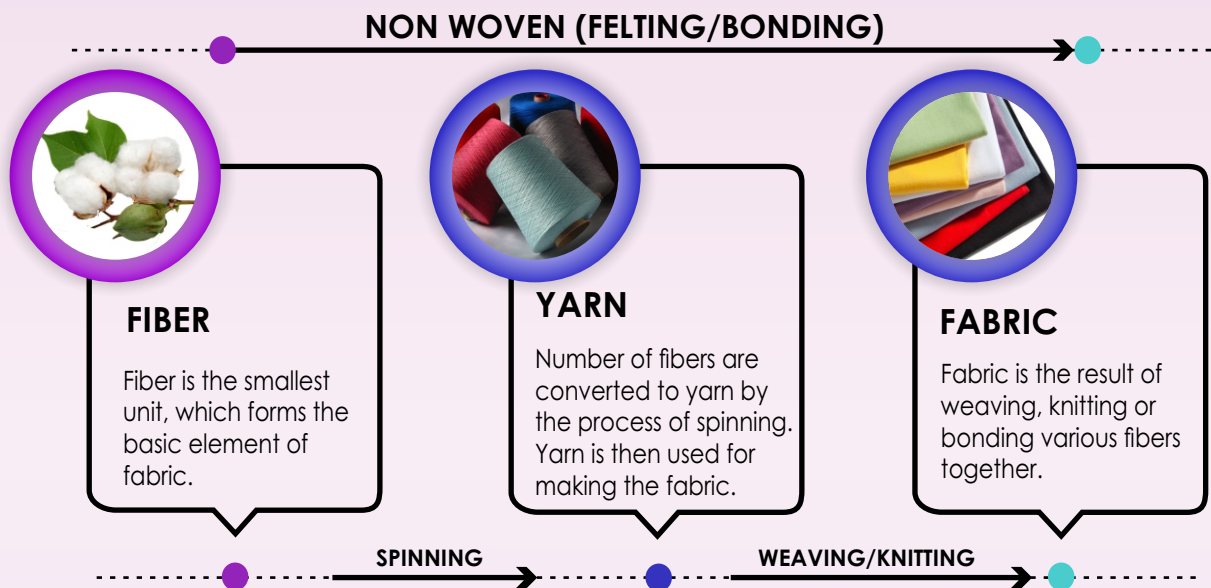
Vocational Education and Training (VET) system is recognised to prepare and develop skilled manpower to meet the growing demands of labour market. VET focuses on specific job roles and imparts practical knowledge and skills, which allow individuals to engage in specific occupational activities. It is not only vital for providing employment opportunities to individuals but also helps in enhancing productivity in industries.

The vocational subjects were introduced under the revised scheme of vocationalisation of secondary and higher secondary education in 2012, with one job roles across Grades 9 to 12 (4-year pattern). The scheme was subsumed in Samagra Shiksha in 2018, along with Sara Shiksha Abhiyan (SSA) and Rashtriya Madhyamik Shiksha Abhiyan (RMSA).

There has been increased emphasis on Vocational Education in the National Education Policy 2020 (NEP-2020). The NEP-2020 envisages re-imagining of Vocational Education to provide a due social status and for developing a system for integration of Vocational Education with General Education.

## ABOUT APPAREL, MADE-UPS AND HOME FURNISHING (AMHF) SECTOR

Apparel, Made-ups and Home Furnishing sector is amongst the fastest growing sectors in our country. It covers a great number of activities from the transformation of raw materials into fibres, yarns and fabrics to produce end products. This sector includes activities related to designing, pattern making, cutting, stitching, finishing and embellishment of apparel, made-ups and home furnishing items. It also includes assessing their quality, merchandising and export.



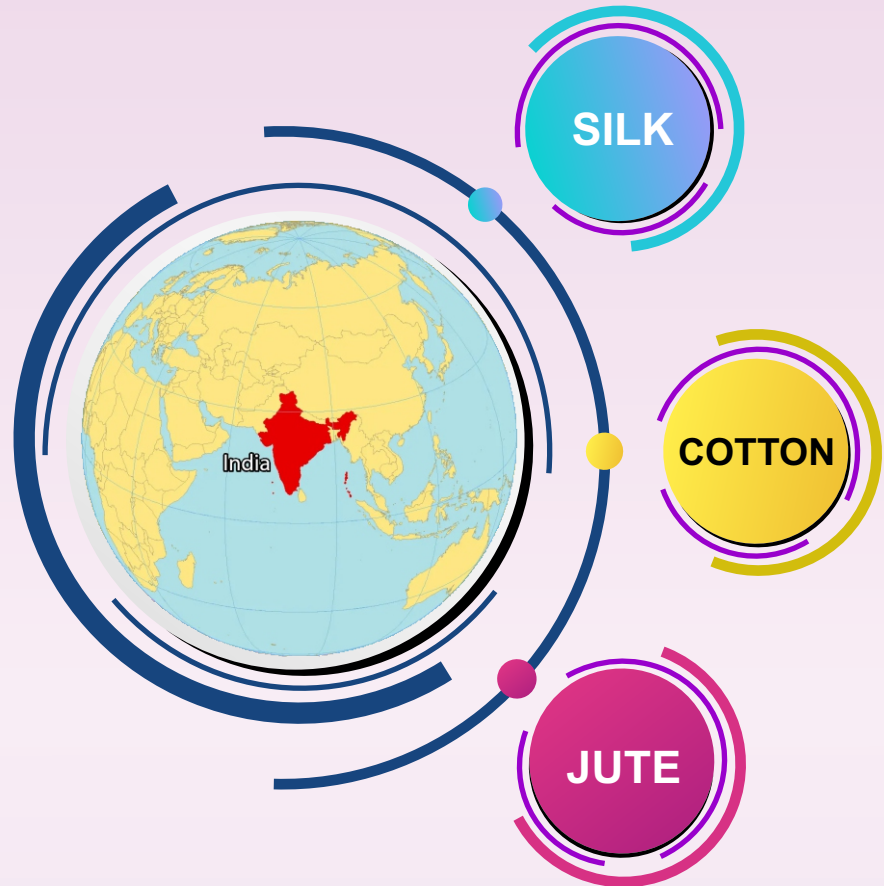
Fabric is transformed into various end products as per requirement. Textile/Apparel product development passes through the stages of planning and execution with quality control at each stages.



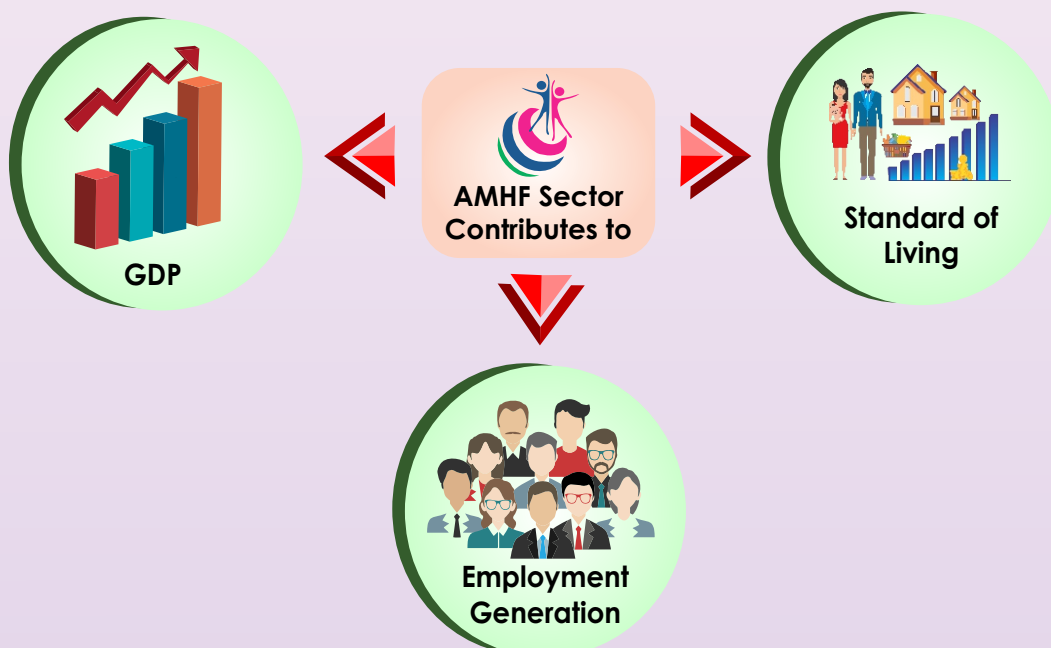
## CONTRIBUTION OF AMHF SECTOR IN ECONOMY

India not only possesses a rich heritage but also holds a strong position on the world map showcasing the richness of legacy in agriculture and textile industry.

**One of the Major Exporter**



The above figure reflects the contribution of the AMHF sector to India's growth. AMHF has not only contributed to the Gross Domestic Product (GDP) but also boosts economy by being a vital part of the exports. This sector has been vital in the employment generation in the country seeding the growth of youth and improvement in standard of living.



## COMPONENTS OF APPAREL INDUSTRY

AMHF sector can be divided into two major segments:

1. **Fiber to Fabric (Textile Industry)**
2. **Fabric to Product (Apparel Industry)**

The textile industry in the AMHF sector includes the conversion of fiber into yarn or fabric and yarn to fabric. The fabric is further enhanced using dyeing, printing, embroidery, embellishment & finishing technique.

The apparel industry consist of usage of this fabric to create various product like garments, home furnishings & accessories.

Other industries associated with AMHF sector are:



Apparel industry is very diverse in nature performing variety of processes. It starts from a design idea and ends when the finished garment reaches the customer. These processes are carried out by different departments of an apparel industry. Every department is responsible for a specific function and together all the departments aim at providing good quality product within reasonable cost and time. Various departments are as follows-

- Merchandising Department
- Store Department
- Cutting Department
- Sewing Department
- Washing Department
- Finishing and packing Department
- Quality Assurance Department
- Maintenance Department
- Finance & Accounts Department
- Admin Department



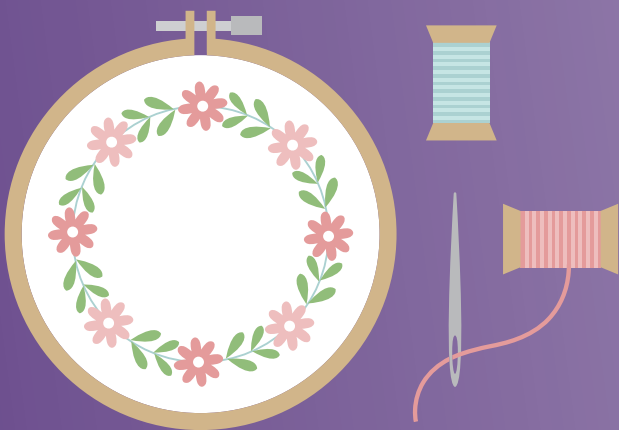
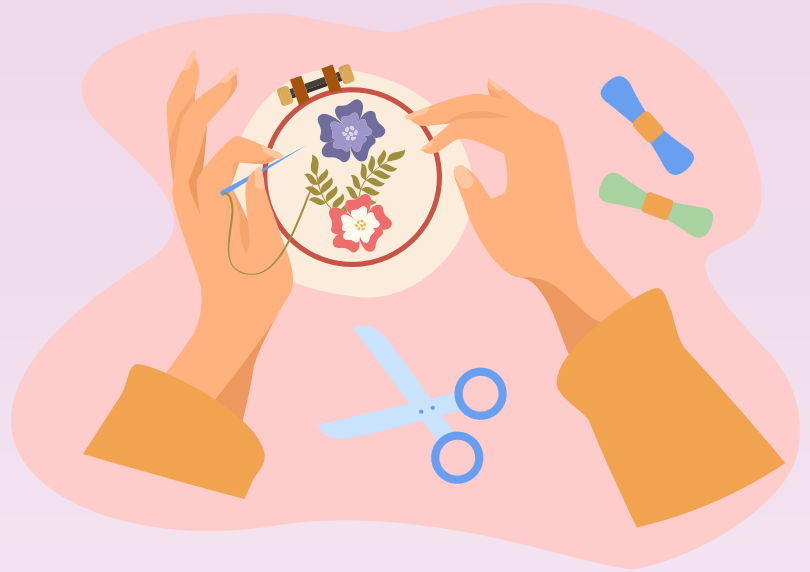
## ABOUT THE JOB ROLES

In the Apperal, Made-Ups and Home Furnishing sector, there are various job roles which one can opt as their profession and enhance their skills. This sector focuses on providing many job opportunities to the budding candidates. It includes all the jobs related to apparel industry like pattern master, self-employed tailor, hand embroiderer, etc. and self-owned small businesses like embroidery unit, boutique, design studios, etc. Job roles identified by National Skills Qualification Framework (NSQF) under Apperal, Made-Ups and Home Furnishing Sector as follows:

<b>01</b>	<b>Fabric Checker</b>
<b>02</b>	<b>In-Line Checker</b>
<b>03</b>	<b>Layerman</b>
<b>04</b>	<b>Measurement Checker</b>
<b>05</b>	<b>Pressman</b>
<b>06</b>	<b>Sewing Machine Operator</b>
<b>07</b>	<b>Embroidery Machine Operator (Zigzag Machine)</b>
<b>08</b>	<b>Export Assistant</b>
<b>09</b>	<b>Framer - Computerized Embroidery Machine</b>
<b>10</b>	<b>Garment Cutter (CAM)</b>
<b>11</b>	<b>Hand Embroiderer</b>
<b>12</b>	<b>Quality Assessor</b>
<b>13</b>	<b>Sampling Tailor</b>
<b>14</b>	<b>Advance Pattern Maker (CAD/CAM)</b>
<b>15</b>	<b>Fashion Designer</b>
<b>16</b>	<b>QC Executive - Sewing Line</b>
<b>17</b>	<b>Merchandiser</b>
<b>18</b>	<b>Machine Maintenance Mechanic (Sewing Machine)</b>
<b>19</b>	<b>Export Executive</b>
<b>20</b>	<b>Export Manager</b>
<b>21</b>	<b>Sampling Coordinator</b>
<b>22</b>	<b>Industrial Engineer (IE) Executive</b>
<b>23</b>	<b>Production Supervisor Sewing</b>
<b>24</b>	<b>Factory Compliance Auditor</b>
<b>25</b>	<b>Specialized Sewing Machine Operator</b>
<b>26</b>	<b>Assistant Designer - Home Furnishing</b>
<b>27</b>	<b>Assistant Designer - Madeups</b>
<b>28</b>	<b>Assistant Fashion Designer</b>
<b>29</b>	<b>Boutique Manager</b>
<b>30</b>	<b>Cutting Supervisor</b>
<b>31</b>	<b>Fabric Cutter - (Apparel made Ups and Home Furnishing)</b>
<b>32</b>	<b>Finisher</b>
<b>33</b>	<b>Hand Embroiderer (Addawala)</b>
<b>34</b>	<b>Line Supervisor Stitching</b>
<b>35</b>	<b>Merchandiser - Made-Ups &amp; Home Furnishing</b>
<b>36</b>	<b>Online Sample Designer</b>
<b>37</b>	<b>Packer</b>
<b>38</b>	<b>Pattern Master</b>
<b>39</b>	<b>Processing Supervisor (Dyeing &amp; Printing)</b>
<b>40</b>	<b>Record Keeper</b>
<b>41</b>	<b>Self Employed Tailor</b>
<b>42</b>	<b>Sewing Machine Operator (Knits)</b>
<b>43</b>	<b>Sourcing Manager</b>
<b>44</b>	<b>Store Keeper</b>
<b>45</b>	<b>Washing Machine Operator</b>



A hand embroiderer is a very important job role in AMHF sector. Embroidery is a type of handcraft that involves decorating fabric or other materials using a needle and thread. The Hand Embroiderer should be able to do all sorts of hand embroidery stitches properly. Hand embroidery is considered as one of the most popular techniques to decorate apparel and other items. Hence, there is huge demand of trained personnel of hand embroidery.



### Roles and responsibilities of a hand embroiderer

- Creating decorative designs
- Knowledge of various sewing techniques
- Skills of stitching a variety of hand embroidery stitches.
- Possess knowledge of all types of embroidery threads, material and their handling methods.
- To apply a combination of proper colours and stitches as per the design.

**UNIT  
1****Basics of Hand Embroidery**

In this unit, students will learn about the history and terminology of hand embroidery. Students will also practice drawing of all types of design and then transfer them on the fabric for embroidery. Different types of motifs and designs are also introduced to the students. Various styles of tracing and transferring of designs are also included in the unit.

**UNIT  
2****Tools, Materials and Stitches for Hand Embroidery**

For doing hand embroidery, there are variety of tools and materials used by a hand embroiderer. In this unit, students will be able to identify and appropriately select them for hand embroidery. It will also impart the ability to select suitable fabrics, needles, threads, and other tools used during hand embroidery. The usage of different types of stitches in also included in the unit.

**UNIT  
3****Embroidery Defects and Finishing**

While doing embroidery work and after its completion, some defects might arise, which professional hand embroiderer should be able to recognise and rectify. The embroiderer should be careful while handling the fabric, needle and thread. This unit deals with all these aspects in detail. Finishing and costing of embroidered products are also discussed in this unit.

**UNIT  
4****Organisational Rules and Personal Hygiene**

This unit introduces the students to organisational rules, policies and procedures. Personal health and hygiene is also of prior importance in an organisation. So, health & hygiene are also discussed in this unit.





## UNIT 5

### Safety, Maintenance and Organisational Hazards

The importance of safety measures and the risk of hazards while operating different kinds of machines are included in this unit. The students are informed about the importance of cleanliness and maintenance of machinery at their work place.



## CLASS X

### UNIT-1

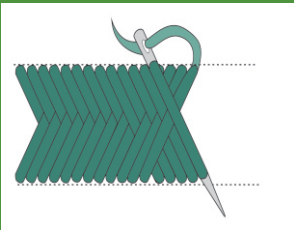
#### Elements and Principles of Design



In order to design embroidered products that are aesthetically appealing, a hand embroiderer must be trained to apply the basic elements and principles of design. This unit explains the use of elements and principles of design in developing embroidery designs. The students learn about the colour combinations, balance and harmony for hand embroidery designs.

### UNIT-2

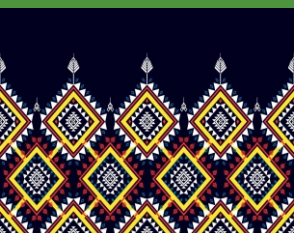
#### Advanced Hand Embroidery Stitches



This unit includes step by step procedure of making advanced hand embroidery stitches with detailed instructions. The students learn and practice many flat and loop stitches like-padded satin, stitch, threaded backstitch, variations of running stitches and many other advanced hand embroidery stitches.

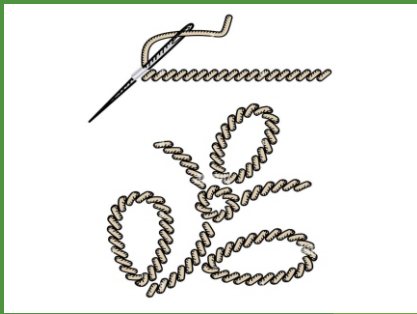
### UNIT-3

#### Traditional Indian Embroideries



This unit introduces the students to the rich heritage of Indian traditional embroidery stitches. The students learn about the types of motifs, stitches used and the fabric used for the traditional state embroideries. The knowledge of traditional embroideries enable the students to create innovative motifs & styles for embroidery.

## UNIT-4



## Application of Embroidery Stitches

This unit explains combination of different flat and loop stitches in such a way that a garment or end product would look pleasing and attractive. Various placement of design on fabric are also covered in this unit. Hand embroiderer must understand and interpret the specification sheet accurately to complete the embroidery work according to the requirement of the customer so details about specification sheet are also given in this unit.

## UNIT-5



## Finishing and Packing of Embroidered Products

Finishing is the final stage to which a garment or any product passes before it is packed and reaches the customers. Embroidered articles also require finishing before packing. While embroidering a product or a garment, certain defects and problems might arise which an embroiderer has to rectify before sending it for ironing and packing. Packing adds aesthetics and value to the product. This unit covers different aspects of finishing and packing of embroidered products.



# Job Opportunities

The usual job opportunities after finishing the course can be:

## Wage Employment

- 01 Assistant Hand Embroiderer at embroidery unit
- 02 Senior Hand Embroiderer at embroidery unit
- 03 Hand Embroiderer in Buying House/Agency
- 04 Hand embroiderer in Export House
- 05 Hand embroiderer in Design House-Apparel & Furnishing



## Self-Employment

- 01 Own setup
- 02 Freelancer at embroidery units
- 03 Freelancer at buying house
- 04 Freelancer at export house
- 05 Free lancer at design house-Apparel and home Furnishing



## On the job training

- Government and private skilled training centres.
- Export/buying/design houses.
- Design development/ Product development department in government and private organisation
- Craft cluster
- Hands on learning in fairs and craft melas
- Government skill training centres
- Trainer at NGOs





## ABOUT PSSCIVE

### PSS Central Institute of Vocational Education, Bhopal

The Pandit Sundarlal Sharma Central Institute of Vocational Education (PSSCIVE) is an apex research and development organization in the field of vocational education. It is a constituent unit of the National Council of Educational Research and Training (NCERT), established in 1993 by the Ministry of Education [Formerly Ministry of Human Resource Development (MHRD)], Government of India. It is also a UNEVOC (International Project on Technical and Vocational Education) Network Centre in India. The Institute has a picturesque 35-acre campus with Departments created for different disciplines, viz. Agriculture & Animal Husbandry, Business & Commerce, Engineering & Technology, Health & Paramedical Sciences, Home Science & Hospitality Management and Humanities, Science, Education & Research.

The Institute offers quality-training programmes in vocational pedagogy and a wide array of disciplines for the key functionaries in vocational education and vocational teachers. The highly qualified team of the Institute possesses excellent professional skills and experience required to impart training for classroom teaching and training.

The Institute has traversed the path of rapid development in vocational education, responding positively to the changing needs of the industry and at times initiating significant changes in the field of vocational education. The evolution of the Institute in the last twenty-five years has witnessed various challenges, but these have served as opportunities to explore new horizons and work on possibilities of reorienting strategies for meeting the skill needs of the people at the local and global canvas.



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