



Traditional Hand Embroiderer

Grades: 11 & 12

(QUALIFICATION PACK: REF. ID. HCS/Q7301)

SECTOR: HANDICRAFTS AND CARPETS SECTOR



PSS CENTRAL INSTITUTE OF VOCATIONAL 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.

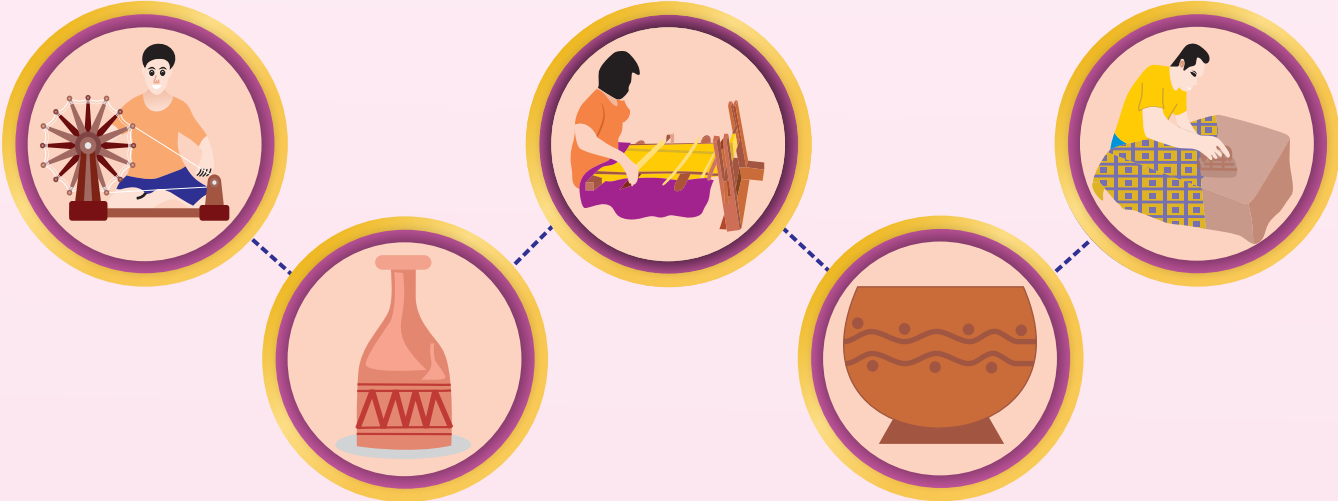
Vocational Education and Training (VET) system is recognised to prepare and develop skilled manpower to meet the growing demands of labour market. VET focuses on specific job roles and imparts practical knowledge and skills, which allow individuals to engage in specific occupational activities. It is 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).

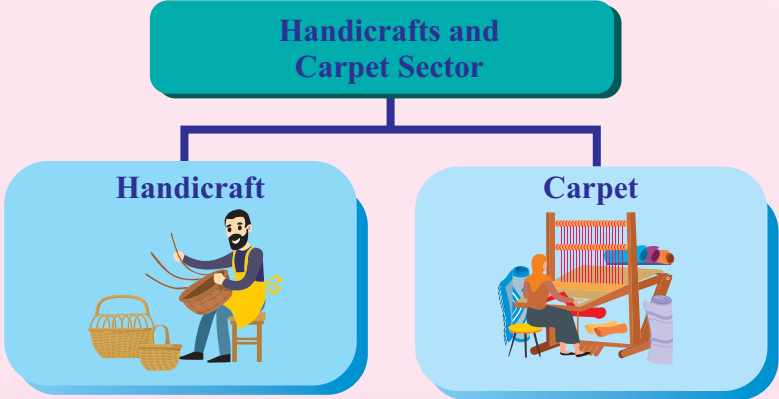
There has been increased emphasis on Vocational Education in the National Education Policy 2020 (NEP-2020). The NEP-2020 envisages re-imagining of Vocational Education to provide a due social status and for developing a system for integration of Vocational Education with General Education.

ABOUT HANDICRAFTS AND CARPET SECTOR

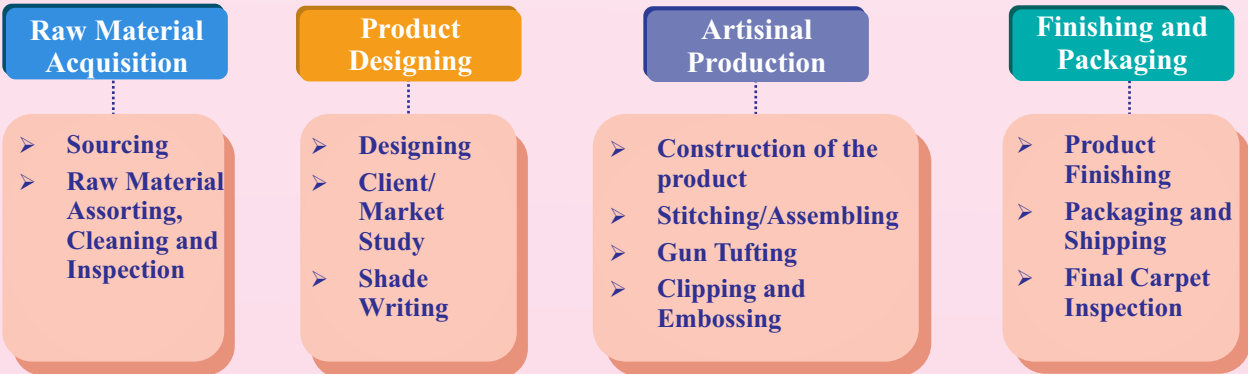
Handicrafts & Carpet sector represents the rich culture and heritage of our country. The skillful development of craft is a work of creativity and patience. The method of production in this sector is mostly traditional, which proves it to be a skill-intensive locale. Artisans working in this sector are based in clusters around the nation. The handicrafts hold a special place in the market because of its essence of development contributing a substantial percentage to the GDP. Moreover, handicrafts reflect enormous potential as millions of artisans are engaged in it, across the country. Their skills provide the means for supporting the growing number of new participants in the industry.



Handicrafts and Carpet sector broadly represents its two divisions-Handicrafts and Carpet



Artisans' inherent skill, technique, and traditional craftsmanship are the chief resource of the sector forming the primary platform for production. The planning of the production is generally followed in four phases under quality supervision:



CONTRIBUTION OF HANDICRAFTS AND CARPET SECTOR IN ECONOMY

The Handicrafts and Carpet Sector has been described as an export-oriented sector with approximately 65% and 90% of handcrafted products and carpets respectively exported, earning a value of about Rs. 33253.00 Crores in the year 2021-22. Currently, handicraft sector is significantly moving towards the creation of jobs, with 7.3 million handicraft artisans and approximately 2 million carpet weavers already employed from rural and semi-urban areas.



This sector proves to be economically important from the business point of view. The low capital investment, high ratio of value addition, and high potential for export and foreign exchange earnings for the country, elaborates a bigger picture. Being spread all over the country in rural and urban areas, the industry is highly labor intensive and decentralized. The flexible nature of production allows people, including farmers and other members of the family to engage quickly and also provides opportunity for vertical and horizontal mobility in the sector. Making it prevalent to generations of skilled artisans and family-bound organizations, promoted by Self Help Group (SHGs).



COMPONENTS OF HANDICRAFTS AND CARPET SECTOR

The Handicrafts & Carpet Sector is segmented into following sub-sectors:



This sector offers wide range of products. These items may or may not have functional utility, and are developed on traditional and contemporary themes. Handicrafts are the products developed by manual skills that possesses the creativity of the artisan, and represents cultural beliefs, social symbols and practices.

The sector marks the largest end-use segment denoted by the rising demand for fashion accessories, home accessories and jewellery, among other personal uses. The various sub-sectors of Handicrafts and Carpet Sector accumulates variety of job roles.



JOB ROLES IN HANDCRAFTS AND CARPET SECTOR

Carpets

CAD designer for carpets
Carpet final inspector
Capet Weaver
Clipper and Embosser
Designer and Shade Writer
Dyer (Rangsaaz)
Finisher & Latexing Man
Loom Supervisor -
Knotted Carpet
Namda Craft Maker
Quality Supervisor (Carpets)
Shade Supervisor
Tufted Weaving Supervisor
Tufting Gun Master
Washer (Carpets)

Ceramics

Assistant Ceramics and
Terracota Toy Maker
Ceramics and Terracota Toy
Maker
Sketching and Painting
Artisan (Ceramics)
Ceramics Preparation Artisan
Floor Supervisor (Ceramics)
Lab Assistant (Ceramics)
Material Preparation Worker
Modeller (Ceramics)
Quality Check Technician
(Ceramics)

Paper Mache

Polisher (Metalware)
Lacquerer (Paper Mache)
Paint Line Operator
(Paper Mache)
Paper Mache Art Designer
Paper Mache Art Promoter
Paper Mache Craft Specialist
Paper Mache Art Products
Artisan
Sakhta Saaz Kharadi

Leatherware

Lather Toy Maker - Artisan

Handcrafted Textile

Applique Artisan
Block Print Supervisor
Hand Block Printer
Jute Handloom Weaver
Jute Products Artisan
Jute Products Stitching
Operator
Jute Screen Printer
Jute Yarn Hank Dyer
Master Hand Embroiderer
Traditional Hand Embroiderer

Stone Craft

Seasoning and Chemical
Treatment Assistant Woodware
Assembly Machine Operator
(Woodware)
Designer (Woodware Products)
Engraving/ Carving/ Etching
Assistant
Finisher (Woodware)
Lacquerer (Woodware)
Assistant Wooden Toy Maker
Wooden Toy Maker Artisan

Woodware

Seasoning and Chemical
Treatment Assistant Woodware
Assembly Machine Operator
(Woodware)
Designer (Woodware Products)
Engraving/Carving/Etching
Assistant
Finisher (Woodware)
Lacquerer (Woodware)
Assistant Wooden Toy Maker
Wooden Toy Maker Artisan

Handcrafted Bamboo

Bamboo Work Artisan

Handicrafts (Agarbatti)

Agarbatti Maker
Automatic Stick Making
M/C Operator

Glassware

Abrasion & Grinding Machine
Operator
Decorative Cutter
Decorative Painter (Glassware)
Glass Blowing Operator
Silver Coating Technician
Glass Toy Maker - Artisan

Handicraft Products

Natural Fiber Maker
Puppet Maker - Artisan
Traditional Painting Maker -
Artisan
Up-Cycling Scraps and
E-Waste Artisan
Kohlapur Chappal Maker
Merchandiser

Metalware

Engraving and Stamping
Artisan
Acid Cleaner
Casting Operator (Metal
Handicrafts)
Cutting and Threading
Operator
Embossing Artisan (Metalware)
Etching Artisan (Metalware)
Inlay Artisan (Metalware)
Painter (Metal Handicrafts)
Planishing Artisan (Metalware)
Polisher (Metalware)

Fashion Jewellery

Product Maker (Fashion
Jewellery)
Stringing/Beading Assembler
(Fashion Jewellery)
Quality Checker (Fashion
Jewellery)

Hand Crocheted Textiles

Crocheted Lace- Supervisor
Crocheted Lace Tailor
Hand Crocheted Lace Maker

Traditional Hand Embroiderer is one of the important job roles of this sector. A Traditional Hand Embroiderer should have the skill to embroider stitches typical to the traditional repertoire on different types of fabrics as per the specifications/ design details provided. Various types of designs on the fabric are embroidered by hand, using different types of needles and thread by the Traditional Hand Embroiderer.



ROLES AND RESPONSIBILITIES

01

Carry out preparatory activity for hand embroidery and arranging required material

02

Prepare design, and arrange color combinations, and threads as per requirements

03

Maintain and clean the work area on a regular basis, and perform preventive maintenance of all the tools equipped

04

Exercise commitment and trust, communication, adaptability and creative freedom

05

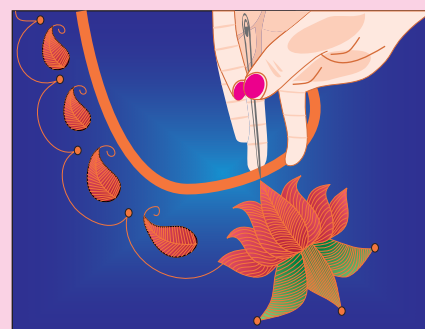
Run maintenance of accessories, and practice cleanliness and other work practices

GRADE - 11

UNIT-1

Introduction to Hand Crafted Textiles Industry

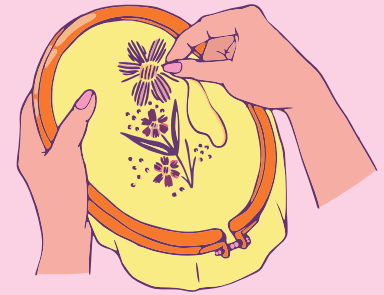
The handicraft industry is evolving and the demands are continuously increasing. Hence, the orientation to the industry and its structure becomes essential knowledge to understand the demands and work on it. This unit also elaborates on the product range, market and consumers to the Hand Crafted Textiles Industry and opportunities in it. Further, the students will also learn about the roles and attributes of the Traditional Hand Embroiderer with the related tools and its operations.



UNIT-2

Introduction to Traditional Hand Embroidery

The objective of this unit is to enable students to identify different techniques, designs and types of hand embroideries in India. Further, product planning as per the required designs, maintenance of the quality throughout the development of the product, and its finishing techniques are also elaborated in this unit.



UNIT-3

Maintain work area, tools, and machines in the Handicrafts Sector

In the Handcraft and Carpet sector, the majority of the task are achieved by hand, including the set-up for embroidery. This unit introduces to the student the various parts of the embroidery machineries, its operations, techniques, and storage methods for appropriately handling the setup. This contributes to quality production, safety of the operator and timely accomplishment of tasks. Therefore, while handling tools and machines, students will be able to analyze the machines and tools, with their operations and waste management to better understand the workflow standards.



UNIT-4

Health, safety, and security at the workplace in the Handicrafts Sector

In this unit, students will learn about the importance of health, safety and security, and their impact on production. Understanding potential hazards and methods to take emergency actions. This unit would enable them to explain environmental management procedures, and security details within a workforce or unit.



GRADE - 12

UNIT-1 Preparing Phulkari Embroidery

The hand-crafted textiles industry is a wide and complex industry in itself, accounting for the variety of embroideries developed and various kinds of processes and markets involved. This unit would enhance the students' knowledge about the understanding of specification sheets, and the related design tracing, embroidery, and finishing activities. Here, students would also practice Phulkari embroidery and develop samples with material suitability, and its implications.



UNIT-2 Preparing Chikankari Embroidery

The unit introduces the Chikankari Embroidery to the students, through the lens of its origin, stitches used, motifs created, fabric used, color combination, and thread. Further, the students are also given an opportunity to practice embroidery. Accordingly, students will develop a pattern, carry out embroidery and develop the products, while ensuring proportion, size, color combination and finishing of the product.



UNIT-3 Preparing Zari-zardozi Embroidery

Embellishments are used for the aesthetic appeal of the products; where it is also essential to use them appropriately such that it does not affect the utility of the product. This unit allows the students to reflect on their creative side through different embellishment techniques of zari-zardozi embroidery. Students are also taught about the origin, stitch, motifs, fabric, color, and thread.



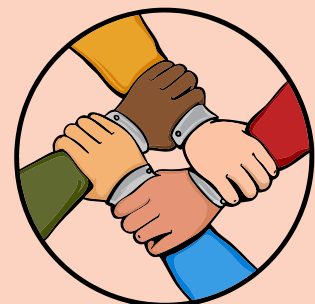
UNIT-4 Quality management in Traditional Hand Embroidery

This unit elaborates the importance of the quality check, and enables the students to identify the finishing standards of a traditional hand embroidered product. Further, the unit also discusses about the methods to carry out an inspection at all the levels of production from raw material and equipment set-up to the final product as per the spec sheet or buyer's requirements. As it is important to achieve the final product as per the desired quality, its inspection and the reporting at every level, are inculcated in this unit.



UNIT-5 Working in a team in Handicrafts Sector

One should aim at building a working environment that provides and maintains the highest degree of physical, mental, and social well-being for workers in all occupations. Hence, the unit allows the students to understand the importance of commitment and trust while handling a job in a team. This unit helps in developing communication with a team and gaining creative understanding while acknowledging self-roles and responsibilities.



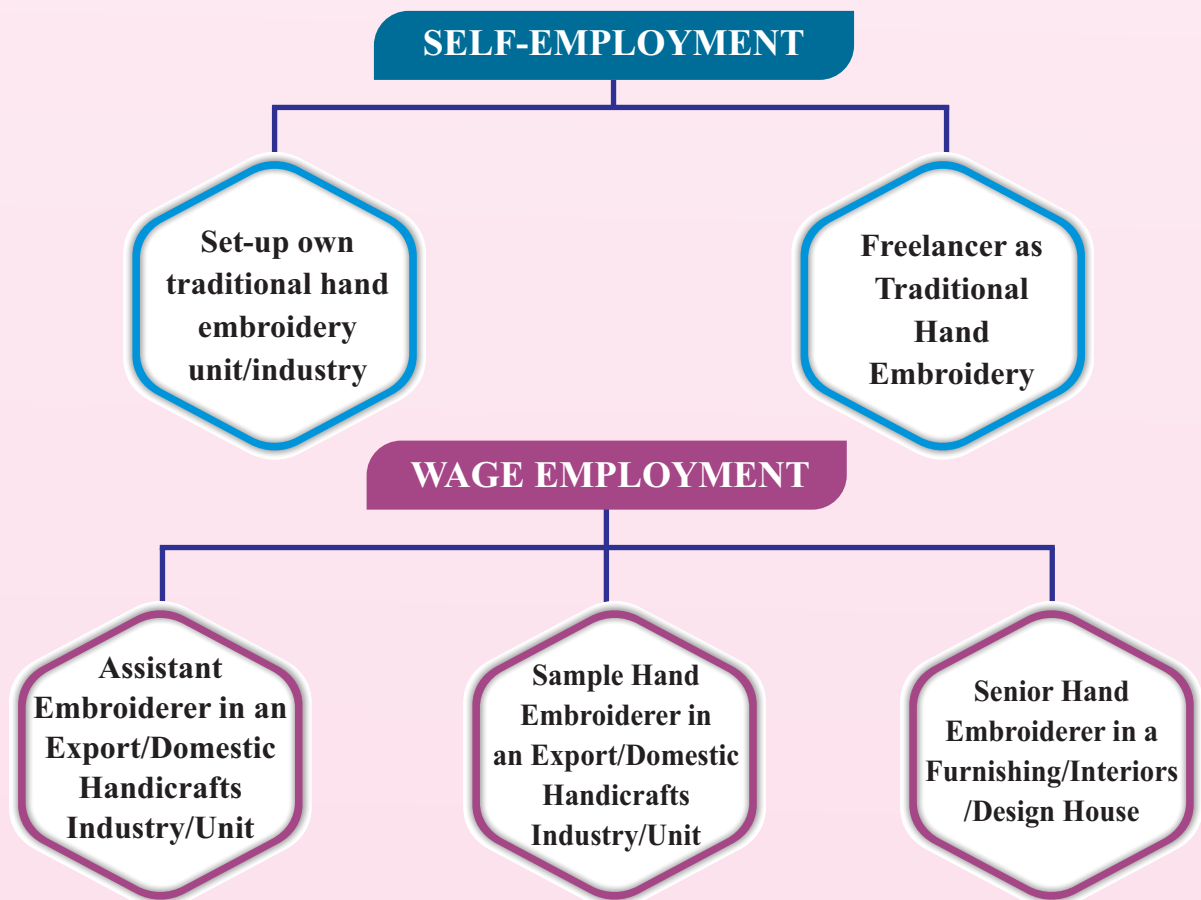
UNIT-6 Comply with workplace requirements in Handicrafts Sector

The growth and worldwide recognition of the handicraft sector of India can be accounted for the considerable domestic and global demand. Hence, the importance of the resultant awareness and compliance to code of conduct policies among the Indian handicrafts units are elaborated to the students. The benefits of an ethical and value-based approach to management, adherence to the company policies, and management of work routines are incorporated into students for better performance.



JOB OPPORTUNITIES

Accomplishment of the course may present the following opportunities:



GROWTH

The growth opportunities for the Traditional Hand Embroiderer after completing the course could be both vertical and horizontal. The opportunities could also emerge multi functionally paving newer paths:





ON THE JOB TRAINING

Since the intellectual development never stops and hence training and courses could be further used to grow intellectually.

The courses are available at:

- 1** Non Government Organisation (NGOs)
- 2** Government and Non-Government Skills Training Centers
- 3** Product/Design development departments in government and non-government industries of handicraft sector

ABOUT THE 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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