



JUTE HANDLOOM WEAVER

(QUALIFICATION PACK: REF. ID: HCS/Q7402)

SECTOR: HANDICRAFTS AND CARPETS SECTOR

Grades : XI and XII

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT

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.

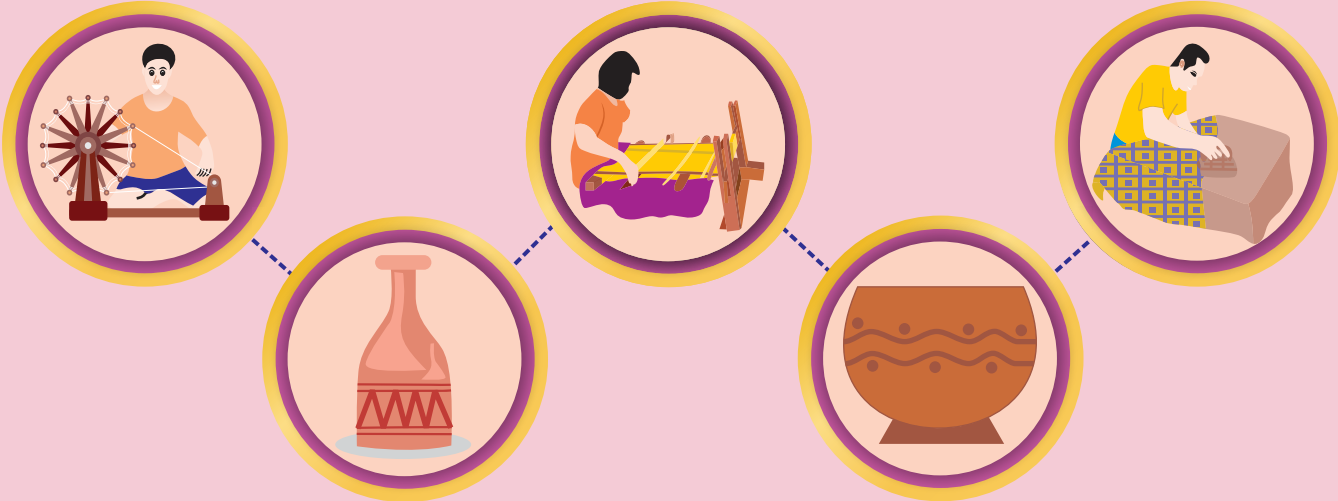
Vocational Education and Training (VET) system is recognised to prepare and develop skilled manpower to meet the growing demands of labour market. VET focuses on specific job roles and imparts practical knowledge and skills, which allow individuals to engage in specific occupational activities. It is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

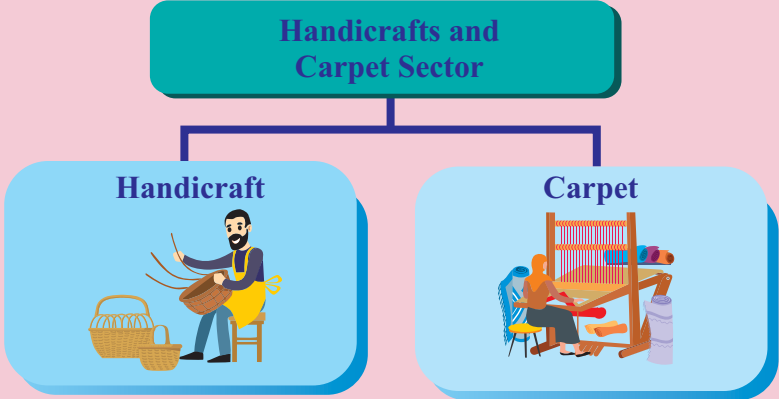
There has been increased emphasis on Vocational Education in the National Education Policy 2020 (NEP-2020). The NEP-2020 envisages re-imaging of Vocational Education to provide a due social status and for developing a system for integration of Vocational Education with General Education.

ABOUT HANDICRAFTS AND CARPET SECTOR

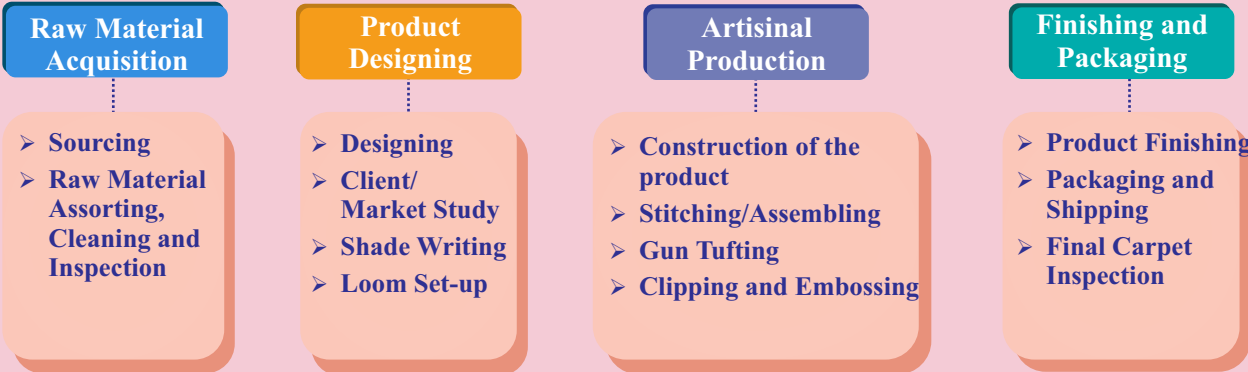
Handicrafts & Carpet sector represents the rich culture and heritage of our country. The skillful development of craft is a work of creativity and patience. The method of production in this sector is mostly traditional, which proves it to be a skill-intensive locale. Artisans working in this sector are 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)

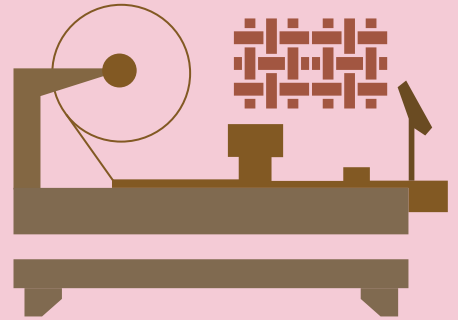
Fashion Jewellery

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

One of the important job roles of this sector is Jute Handloom Weaver. A jute handloom weaver is a role holder for weaving the fabrics on the handloom. The weaver should be an expert in producing woven products of good quality efficiently. They support in the production process from the set-up of loom to the post production processes, along with weaving. They contribute through their knowledge of weaver's knot, wastage reduction and basic care and maintenance of weaving machines as well.



ROLES AND RESPONSIBILITIES

01

Perform the weaving function as per the shift and requirements/order.

02

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

03

Maintain the work area, tools and handloom machines. Work on improvement of productivity and quality and control of wastage in weaving shed

04

Exercise commitment and trust, communication, adaptability and creative freedom

05

Comply with health, safety and security requirements at work, recognize hazards, and work towards self-development, team work and organizational standards.



UNIT 01

ORIENTATION TO JUTE INDUSTRY

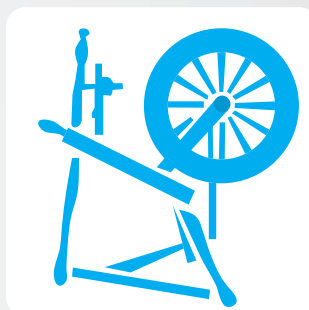
This unit orients the successful market and structure of the jute industry to the students. Understanding the industry is an essential aspect to efficiently work in it. Hence, the unit explains about the handicraft and carpet sector of India, expanding the base about the jute industry, its production process, various tools and equipment along with its operations and use in the industry.



UNIT 02

INTRODUCTION TO JUTE HANDLOOM WEAVING

This unit introduces the planning and order to set-up a loom, established to weave a cloth. A loom is a very crucial arrangement of the tools and the set of threads, due to which not only weaving, but also its arrangement is typical task to understand and perform. In this unit, students are exposed to the parts of loom, its arrangement, operation, and production management to produce a woven fabric as per the quality standards and buyer's requirements.



UNIT 03

MAINTAIN WORK AREA, TOOLS AND MACHINES IN HANDLOOM SECTOR

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



UNIT 04

HEALTH, SAFETY, AND SECURITY AT WORKPLACE IN HANDLOOM SECTOR

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



UNIT TO RUN HANDLOOM EFFICIENTLY

01

This unit enables the students to understand the stages of weaving with its pre and post production requirements. A handloom is set every time for new design or requirements. On the similar lines, the unit helps the students to derive and develop the loom as per the quality standards and buyer's requirements. Further, the methods and tips to check a sample for final production, and remedies for possible faults are also discussed.



UNIT QUALITY MANAGEMENT IN HANDLOOM

02

This unit elaborates on the importance of the quality check in the handlooms, and enables the students to identify the finishing standards of a woven product. Further, the unit also discusses about the methods to carry out an inspection at all the levels of production from raw material, and loom 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 reporting is inculcated in this unit.



UNIT WORKING IN A TEAM IN HANDLOOM SECTOR

03

One should aim at building a working environment which 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 gain creative understanding while acknowledging self-roles and responsibilities.



UNIT 04

COMPLY WITH WORK PLACE REQUIREMENTS IN HANDLOOM SECTOR

One should aim at building a working environment which 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 gain creative understanding while acknowledging self-roles and responsibilities.



JOB OPPORTUNITIES

Completion of the course would allow the learner to access following opportunities:

SELF-EMPLOYMENT

01 Set-up own weaving unit/industry

02 Freelancer as Handloom Weaver

03 Freelancer as Textile
Consultant/Designer

04 Freelancer as Sourcing/Raw
Material Agent



WAGE EMPLOYMENT

01 Handloom Weaver in an Export/Domestic Textiles
Industry/Unit

02 Textiles/Technical Consultant in an Export/Domestic
Textiles Industry/Unit

03 Assistant Textile Designer in a Design House/Export/
Domestic Textiles Industry/Unit

04 Sourcing Expert in a Design House/Export/Domestic
Textiles Industry/Unit

GROWTH

The growth opportunities for the Jute Handloom Weaver, after completing the course could be both vertical and horizontal. The opportunities could also emerge multi functionally paving newer paths.

HORIZONTAL GROWTH

01 Handloom Assistant

02 Sample Jute Handloom Weaver

03 Raw Materials Agent



VERTICAL GROWTH

01 Woven Products Supervisor

02 Textiles/Handloom/Sourcing Department Head,
Export/Design House

03 Assistant Textile Merchandiser/Designer in a Design
House/Export/Domestic Textiles Industry/Unit

04 Export/Design House Director

05 Fabric Quality Checker/ Inspector

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:**

01 Non Government Organisation (NGOs)

02 Government and Non-Government Skills
Training Centers

03 Product/Design development departments in
government and non-government industry 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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