



# **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.) www.psscive.ac.in

#### **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

**PSSCIVE** 

EDUCATION'

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 Sansthans, 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.

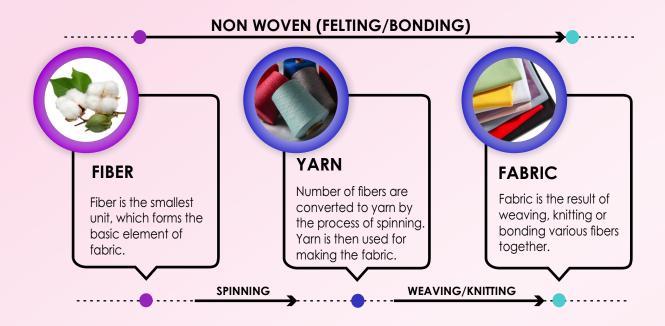
Vocational Education and Training (VET) system is recognised to prepare and develop skilled manpower to meet the growing demands of labour market. VET focuses on specific job roles and imparts practical knowledge and skills, which allow individuals to engage in specific occupational activities. It is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

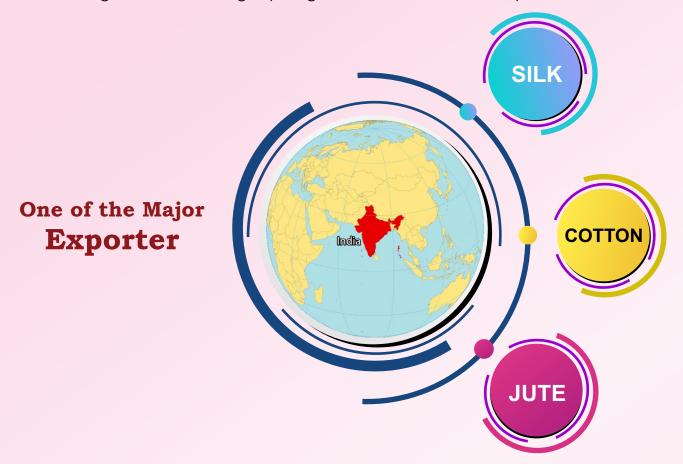


Fabric is transformed into various end products as per requirement. Textile/Apparel product development passes through the stages of planning and execution with quality control at each stages.

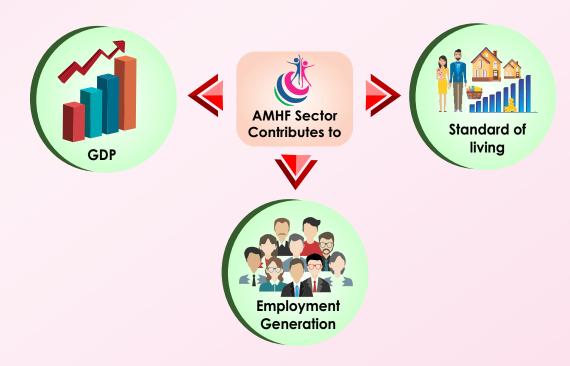


# **CONTRIBUTION OF AMHF SECTOR IN ECONOMY**

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



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 futher 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-

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

01	Fabric Checker
02	In-Line Checker
03	Layerman
04	Measurement Checker
05	
	Pressman Sewing Machine Operator
06 07	
	Embroidery Machine Operator (Zigzag Machine)  Export Assistant
80	·
09	Framer - Computerized Embroidery Machine
10	Garment Cutter (CAM)
11	Hand Embroiderer
12	Quality Assessor
13	Sampling Tailor
14	Advance Pattern Maker (CAD/CAM)
15	Fashion Designer
16	QC Executive - Sewing Line
17	Merchandiser
18	Machine Maintenance Mechanic (Sewing Machine)
19	Export Executive
20	Export Manager
21	Sampling Coordinator
22	Industrial Engineer (IE) Executive
23	Production Supervisor Sewing
24	Factory Compliance Auditor
25	Specialized Sewing Machine Operator
26	Assistant Designer - Home Furnishing
27	Assistant Designer - Madeups
28	Assistant Fashion Designer
29	Boutique Manager
30	Cutting Supervisor
31	Fabric Cutter - (Apparel made Ups and Home Furnishing)
32	Finisher
33	Hand Embroiderer (Addawala)
34	Line Supervisor Stitching
35	Merchandiser - Made-Ups & Home Furnishing
36	Online Sample Designer
37	Packer
38	Pattern Master
39	Processing Supervisor (Dyeing & Printing)
40	Record Keeper
41	Self Employed Tailor
42	Sewing Machine Operator (Knits)
43	Sourcing Manager
44	Store Keeper
45	Washing Machine Operator

Packer is responsible for the task of preparing, finishing and packing items for distribution or shipping. They are also responsible for loading goods into shipping cartons, ensureing that all items are counted and recorded. He/she checks and ensures correct labels, tagging, appropriate packing, packing materials, outer package, carton size and sealing of carton etc. while maintaining the quality & quantity parameters as per any special instruction pre-defined by buyer.



# Job Roles & Responsibilities of Packer

Plan and Organize packing processes such as tagging, folding, ironing, Labeling, packing in carton, carton sealing, labeling and any special packaging requirements as per buyer/customer specifications.

Weigning package and label them accordingly.

Inspecting packages to ensure they are not damaged.

Filling out packing forms with relevant shipping information.

Load packages on to a conveyor or pallets.

Keeping records of packages including delivery notes, invoices etc.

## **CLASS XII**

## UNIT-1

#### Identifying and Organizing Different Processes of Packing



This unit explains structure of apparel industry, different departments involved in the apparel manufacturing process and apparel market. It also discusses the roles, the responsibilities, personal attributes, skills and qualities needed for the job role of a packer. Different stages of packing process and basic functions of packing are also discussed in the unit.

#### Tools, Terminology and Material Associated with Packing

The garment needs to have proper finishing prior to packing and delivery to its customer. This unit explains about different tools and equipment required for packing like measuring tape, ironing and packing table, pins, scissors, tag gun, thread sucker, iron. Technical terms associated with different types of packing, packing material and processes are also included in this unit.



# UNIT-3

#### **Executing Packing Tasks**



This unit describes the importance of packing & various packing designs. It also highlights the elements to be considered for appropriate packing. The students will also learn about description and classification of packing for various garment styles, its components and equipments. The unit further discusses analyzing and interpretation of job card.

# **UNIT-4**

#### Maintaining a Clean and Hazard Free Working Area

All industries have different type of tools, equipment and machineries. There is always a risk of hazard while operating machines. Therefore, while handling tools and machines, workers and employees must follow all precautionary measures and safety instructions. A professional packer should also understand the importance of maintaining a clean and hygienic work environment. Improvements in working conditions can result in increased productivity and operating efficiency.



# Health and Safety Related Practices Applicable at the Workplace

**UNIT-5** 



The health and safety of workers has a direct bearing on their productivity and efficiency and hence company's output and profits. Therefore, it is of utmost importance to take care of their health and safety and to provide them with a safe working environment. Here the student will learn about various potential health and safety hazards, risks to understand and follow various healths and safety related practices, which should be followed in any organization to keep the workers and premises safe.

#### Compliance to Legal, Regulatory And Ethical Requirements

All the industries, organizations, offices and manufacturing units are required to follow regulations and compliances as decided by the respective governments and countries they operate in. Garment and textile industries are no exception to this. These are also expected to maintain certain standards to operate. Compliances promote honesty and integrity within the organization and help in maintaining standards.



## **CLASS XII**

UNIT

## Plan and Organize packing processes

Garment packing in an organised process of covering, compressing, sealing of goods for their protections and proper handling. This unit explains different types and sizes of cartons and documents records related to packing and quality control inspection of packing and packing materials.



UNIT **2** 

# **Packing Process**

Apparel industry has always been showing the need for different and attractive packing. In the retail section of apparels, the product packing is as significant as the product itself. This unit mainly describes types of garment packing and functions of packing with different types of customer labels, washing labels, tags etc. It also discusses distribution centers, shipment documents, packing list and reporting problems to concerned authority.

UNIT 3

# Development and growth of packing sector in the current scenario

This unit describes folding and packing methods of basic garments and the common problems faced by packing department in clothing industry mainly related to ergonomics and workplace. It also covers sustainability and ethical packing its growing demand and the alternative materials that can be used in sustainable packing.



UNIT **4** 

#### Maintain a clean and hazard free working area



Here students will learn the importance and relevance of a clean and hazard free workplace. They will also learn how to ensure health of the employees and visitors. Maintaining clean walking surfaces, suitable footwear and appropriate speed of walking to avoid accidents is also a part of this unit. we will also talk about stairways, aisles and their cleanliness and maintenance for reducing accidents and ensuring a safe workplace. The students will also learn about effective oral written communication skills for the workplace.

UNIT **5** 

## Health, safety and security at workplace

Here students will learn about maintaining health, safety and security as these are one of the most important aspects of human concern at the workplace. This unit will also provide knowledge for building a working environment which provides and maintains highest degree of physical, mental and social wellbeing for workers in all occupation. The students will also learn to identify and report emergency situations.



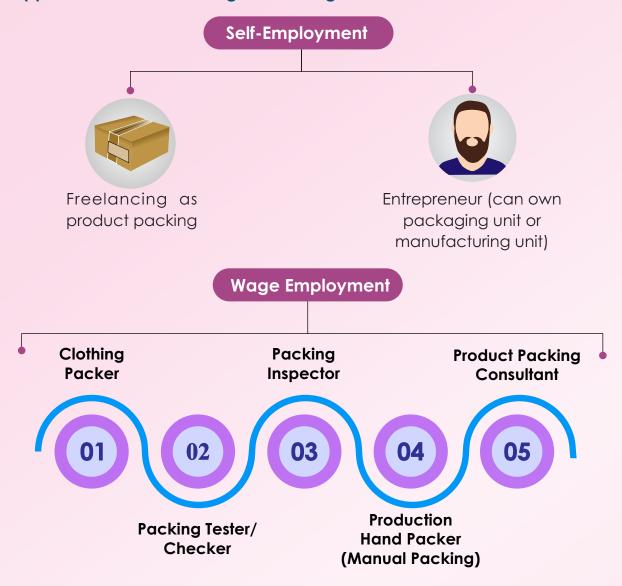
UNIT

# Industry and oragnizational requrirements



In this unit students will learn to maintain documents and procedure for standard organizational compliance as well as ethical compliance. They will also learn the documentation and reporting procedure for deviation from compliance. They will also understand about regulations and requirements specific to customer needs.

#### Job Opportunities after finishing the training are as follows:



# After completing the course, the growth opportunities for the packer can be as follows:



# On Job Training



#### **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 Humanitites, 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.





# JOINT DIRECTOR PSS Central Institute of Vocational Education

Shyamla Hills, Bhopal – 462 002, Madhya Pradesh, INDIA Ph.: +91 755 2660691 | Fax +91 755 2927347, 2660580

Email:jd@psscive.ac.in www.psscive.ac.in | www.ncvet2021.psscive.in