

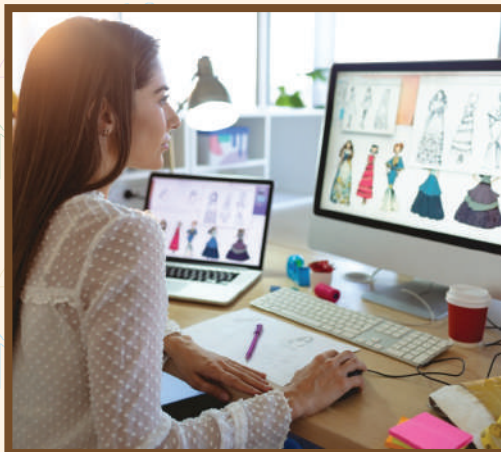


Skill India
कौशल भारत - कुशल भारत



**APPAREL MADE-UPS HOME FURNISHING
SECTOR SKILL COUNCIL**

Facilitator Guide



Sector
Apparel

Sub-Sector
Apparel, Made-Ups & Home Furnishing

Occupation
Designing

Reference ID: AMH/Q1232, Version 1.0
NSQF level: 5

**Digital
Designer-
Apparel Trends**

Published by

Apparel, Made-Ups & Home Furnishing Sector Skill Council

Address: Flat No. A-312 to A-323, 3rd Floor, Somdatt Chamber-1,
Bhikaji Cama Place, Africa Avenue, New Delhi-110066

Email: info@sscamh.com

Website: www.sscamh.com

Phone: (+91) 011 - 40160600

This book is sponsored by Apparel, Made-Ups & Home Furnishing Sector Skill Council

Printed in India by AMHSSC

Under Creative Commons License:

Attribution-ShareAlike: CC BY-SA



This license lets others remix, tweak, and build upon your work even for commercial purposes, as long as they credit you and license their new creations under the identical terms. This license is often compared to “copyleft” free and open-source software licenses. All new works based on yours will carry the same license, so any derivatives will also allow commercial use. This is the license used by Wikipedia and is recommended for materials that would benefit from incorporating content from Wikipedia and similarly licensed projects.

Disclaimer

The information contained herein has been obtained from various reliable sources. Apparel, Made-Ups & Home Furnishing Sector Skill Council disclaims all warranties to the accuracy, completeness or adequacy of such information. Apparel, Made-Ups & Home Furnishing Sector Skill Council shall have no liability for errors, omissions, or inadequacies, in the information contained herein, or for interpretations thereof. Every effort has been made to trace the owners of the copyright material included in the book. The publishers would be grateful for any omissions brought to their notice for acknowledgements in future editions of the book. No entity in Apparel, Made-Ups & Home Furnishing Sector Skill Council shall be responsible for any loss whatsoever, sustained by any person who relies on this material. All pictures shown are for illustration purpose only. The coded boxes in the book called Quick Response Code (QR code) will help to access the e-resources linked to the content. These QR codes are generated from links and YouTube video resources available on Internet for knowledge enhancement on the topic and are not created by AMHSSC. Embedding of the link or QR code in the content should not be assumed endorsement of any kind. Apparel, Made-Ups & Home Furnishing Sector Skill Council is not responsible for the views expressed or content or reliability of linked videos. AMHSSC cannot guarantee that these links/QR codes will work all the time as we do not have control over availability of the linked pages.





Shri Narendra Modi
Prime Minister of India

“

Skill development of the new generation is a national need and is the foundation of Aatmnirbhar Bharat

”



Acknowledgements

Apparel, Made-ups & Home Furnishing Sector Skill Council would like to express its gratitude to all the individuals and institutions who contributed in different ways towards the preparation of this “Facilitator Guide”. Without their contribution it could not have been completed. Special thanks are extended to those who collaborated in the preparation of its different modules. Sincere appreciation is also extended to all who provided peer review for these modules.

The preparation of this facilitator guide would not have been possible without the Apparel Industry’s support. Industry feedback has been extremely encouraging from inception to conclusion and it is with their input that we have tried to bridge the skill gaps existing today in the industry.

This facilitator guide is dedicated to the aspiring youth who desire to achieve special skills which will be a lifelong asset for their future endeavours.

About this Guide

The facilitator guide (FG) for Digital Designer-Apparel Trends is primarily designed to facilitate skill development and training of people, who want to become professional Digital Designer-Apparel Trends. The facilitator guide is aligned to the Qualification Pack (QP) and the National Occupational Standards (NOS) as drafted by the **Sector Skill Council** and ratified by National Skill Development Corporation (NSDC).

It includes the following National Occupational Standards (NOSs)-

1. AMH/N1238: Analyze Fashion Trends and Consumer Insights
2. AMH/N1239: Create Digital Concept Boards and Design Directions
3. AMH/N1240: Develop Digital Apparel Prototypes and Visualizations
4. AMH/N1241: Collaborate with Cross-Functional Teams for Trend Application
5. AMH/N1242: Finalize and Present Trend-Aligned Digital Collections
6. AMH/N0620: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization
7. AMH/N0621: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices
8. DGT/VSQ/N0102: Employability Skills (60 Hours)

Post this training, the participants will be able to perform tasks as Digital Designer-Apparel Trends. We hope that this Facilitator Guide provides a sound learning support to our young friends to build a lucrative career in the Apparel, Made-Ups & Home Furnishing Sector Skill Council of our country.

Symbols Used



Ask



Explain



Elaborate



Notes



Objectives



Do



Demonstrate



Activity



Team Activity



Facilitation Notes



Practical



Say



Resources



Example



Summary



Role Play



Learning Outcomes



Exercise

Table of Contents

S. No	Modules and Units	Page No
1.	Introduction and Orientation to Digital Designer-Apparel Trends (Bridge Module)	1
	Unit 1.1 - Overview of the Apparel Industry and the Role of a Digital Designer – Apparel Trends	3
2.	Analyse Fashion Trends and Consumer Insights (AMH/N1238)	9
	Unit 2.1 - Fashion Trend Forecasting and Consumer Insights	11
3.	Create Digital Concept Boards and Design Directions (AMH/N1239)	17
	Unit 3.1 - Fashion Trend Research and Design Planning	19
	Unit 3.2 - Digital Concept Board Design and Presentation	23
4.	Develop Digital Apparel Prototypes and Visualisations (AMH/N1240)	29
	Unit 4.1 - 3D Apparel Prototyping and Digital Evaluation	31
5.	Collaborate with Cross-Functional Teams for Trend Application (AMH/N1241)	37
	Unit 5.1 - Collaborative Apparel Design and Project Coordination	39
6.	Finalise and Present Trend-Aligned Digital Collections (AMH/N1242)	45
	Unit 6.1 - Digital Apparel Collection Development and Presentation	47
7.	Promote and Sustain Safety, Health, and Security in the Workplace, while Fostering Gender and Persons with Disabilities (PwD) Sensitisation (AMH/N0620)	53
	Unit 7.1 - Workplace Safety and Compliance	55
	Unit 7.2 - Equipment Operations and Documentation	59
	Unit 7.3 - Quality Environment and Sustainability	63
8.	Adhere to Industry, Regulatory, and Organisational Standards and Embrace Environmentally Sustainable Practices (AMH/N0621)	67
	Unit 8.1 - Professional Conduct and Workplace Compliance	69
	Unit 8.2 - Legal Compliance, Sustainable Resource and Waste Management	73



S. No	Modules and Units	Page No
9.	Employability Skills (DGT/VSQ/N0102) (60 Hours)	79
	Employability Skills is available at the following location :	
	https://www.skillindiadigital.gov.in/content/list	
	Scan the QR code below to access the ebook	
		
10.	Annexures	81
	Annexure I: Training Delivery Plan	82
	Annexure II: Assessment Criteria	102
	Annexure III: List of QR Codes Used in PHB	108





Skill India
कौशल भारत - कुशल भारत

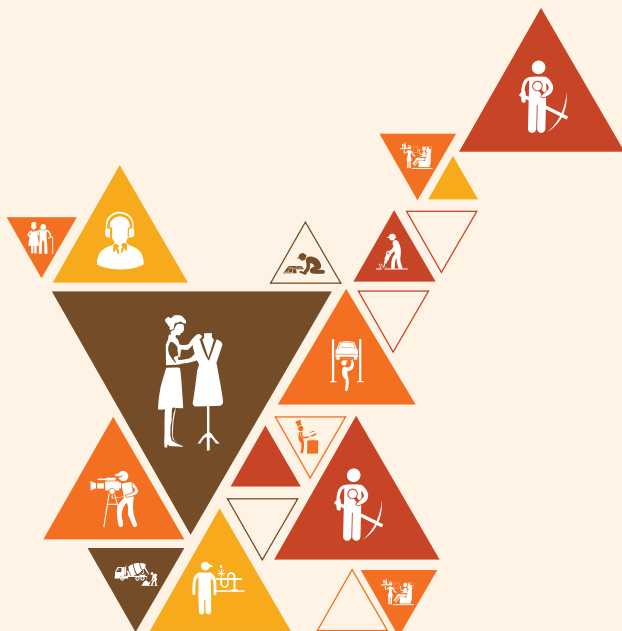


सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



1. Introduction and Orientation to Digital Designer-Apparel Trends

Unit 1.1 - Overview of the Apparel Industry and the Role of a Digital Designer – Apparel Trends



Bridge Module

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Describe the size and scope of the apparel industry.
2. Explain the roles and responsibilities of a 'Digital Designer-Apparel Trends'.
3. Describe various employment opportunities for a 'Digital Designer-Apparel Trends' in the apparel industry.

Unit 1.1: Overview of the Apparel Industry and the Role of a Digital Designer – Apparel Trends

Unit Objectives

By the end of this unit, the participants will be able to:

1. Discuss the size and scope of the apparel industry.
2. Describe various employment opportunities for a 'Digital Designer-Apparel Trends' in the apparel industry.
3. Explain the roles and responsibilities of a 'Digital Designer-Apparel Trends'.
4. Describe the apparel production process and the role that the 'Digital Designer-Apparel Trends' plays in the process.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, printed handouts on the Indian apparel industry, AMHSSC brochures, printed apparel production process flowchart, sample apparel products, sample home furnishing products, printed job role charts of Digital Designer-Apparel Trends, sticky notes, adhesive tape.

Do

- Welcome the participants and ensure attendance before starting the session.
- Encourage active participation and maintain an interactive learning environment throughout the class.
- Display the apparel production process flowchart and refer to it while discussing each production stage.
- Show examples of apparel and home furnishing products while introducing employment opportunities and the Digital Designer-Apparel Trends job role.

Say

- This session introduces the Indian apparel industry and its importance in the country's economy.
- The discussion explains how the apparel industry creates a wide range of career opportunities for skilled professionals.
- The session also introduces the responsibilities of a Digital Designer-Apparel Trends and the contribution of this role to apparel production.
- Active participation and sharing of ideas will make the learning experience more meaningful and enjoyable.

Ask

- What are some products that belong to the apparel industry?
- What does a fashion or apparel designer generally do?

Elaborate

• Overview of the Indian Apparel Industry

The Indian apparel industry is one of the country's largest manufacturing sectors and contributes significantly to employment, exports, and economic development. It includes apparel manufacturing, made-ups, home furnishings, textile processing, and fashion-related services that support both domestic and international markets.

• Market Size, Growth and Key Strengths of the Industry

India's apparel industry continues to expand due to increasing domestic demand, export opportunities, skilled manpower, strong raw material availability, and government initiatives. Growth is also supported by modern technology, digital design tools, sustainability practices, and the rising popularity of Indian fashion across global markets.

• Apparel, Made-Ups and Home Furnishing Sector Skill Council (AMHSSC) and Industry Employment

The Apparel, Made-Ups and Home Furnishing Sector Skill Council (AMHSSC) develops occupational standards, qualification packs, training programmes, and certification systems for workforce development. The Indian apparel industry provides employment to millions of people across manufacturing, merchandising, design, retail, quality control, logistics, and management functions, making it one of the country's largest employment-generating sectors.

• Significance of the Apparel Industry in India

The apparel industry plays a vital role in economic growth by generating employment, supporting exports, encouraging entrepreneurship, and promoting traditional crafts alongside modern manufacturing. It contributes to rural and urban development while creating opportunities for skilled professionals across different regions of India.

• Employment Opportunities and Introduction to the Digital Designer-Apparel Trends

A Digital Designer-Apparel Trends can work with apparel manufacturers, fashion brands, export houses, buying agencies, retail companies, design studios, e-commerce businesses, and freelance design services. This professional researches market trends, develops digital garment concepts, prepares fashion illustrations, and supports product development using specialised software.

• Apparel Production Process and the Role of a Digital Designer-Apparel Trends

The apparel production process generally includes market research, trend forecasting, design development, pattern making, sampling, fabric sourcing, production planning, garment manufacturing, quality inspection, finishing, and distribution. A Digital Designer-Apparel Trends contributes during the initial product development stages by analysing fashion trends, creating digital designs, selecting colours and themes, and supporting teams in developing market-oriented apparel collections.

Explain

- The Indian apparel industry is a major contributor to employment, exports, manufacturing, and economic development.
- AMHSSC supports skill development by creating occupational standards, training programmes, and certification systems for the apparel sector.

- The apparel industry offers career opportunities in design, manufacturing, merchandising, retail, quality assurance, and production management.
- A Digital Designer-Apparel Trends studies market trends, prepares digital apparel concepts, and supports product development activities.
- Digital design plays an important role in creating attractive, market-oriented apparel collections before production begins.

Demonstrate

- Display a flowchart of the apparel production process and explain how each stage connects with the next.
- Show sample garments and home furnishing products to identify different segments of the apparel industry.
- Demonstrate a simple digital apparel design using presentation slides or design software screenshots to explain the responsibilities of a Digital Designer-Apparel Trends.
- Present examples of current fashion trends and explain how trend forecasting influences apparel design and production decisions.

Activity

1. **Activity Name:** Apparel Industry and Career Mapping
2. **Type of Activity:** Group Activity
3. **Objective of the Activity:** To help participants understand the structure of the Indian apparel industry, identify different career opportunities, and recognise the role of a Digital Designer-Apparel Trends within the apparel production process.
4. **Resources:**
5. **Chart paper, markers, sticky notes, printed apparel production process flowchart, participant handbook**
6. **Time Duration:** 20 Minutes
7. **Instructions:**
 - Divide the participants into groups of 5 members each.
 - Provide each group with chart paper, markers, sticky notes, and a printed apparel production process flowchart.
 - Ask each group to arrange the stages of the apparel production process in the correct sequence.
 - Instruct the groups to identify at least five employment opportunities available in the apparel industry.
 - Ask each group to mark the stage where a Digital Designer-Apparel Trends contributes and write two key responsibilities performed at that stage.
 - Invite one representative from each group to present the completed chart to the class.
 - Summarise the activity by highlighting the importance of digital design in successful apparel product development.
8. **Outcome:** Participants correctly identify the major segments of the apparel industry, recognise employment opportunities, understand the apparel production process, and explain the contribution of a Digital Designer-Apparel Trends.

Notes for Facilitation



- Encourage every participant to relate the discussion to apparel products used in daily life to improve understanding.
- Maintain a balanced pace so that industry concepts and job-role information are understood before moving to the production process.
- Use visual materials frequently while explaining the apparel production stages and industry structure.
- Emphasise the contribution of AMHSSC in developing skilled professionals for the apparel sector.
- Clarify that the Digital Designer-Apparel Trends role extends beyond creativity and includes market research, trend analysis, and collaboration with production teams.
- Encourage equal participation during the group activity and ensure each participant contributes to the discussion.
- Conclude the session by connecting industry growth, career opportunities, and the importance of skilled professionals in strengthening the Indian apparel sector.

Answers to Exercises for PHB

Multiple Choice Questions:

1. b. Apparel industry
2. b. Create and develop apparel designs
3. a. Product design and development
4. a. It helps produce quality garments systematically.
5. b. To ensure designs are feasible, market-oriented, and suitable for production.

Descriptive Questions:

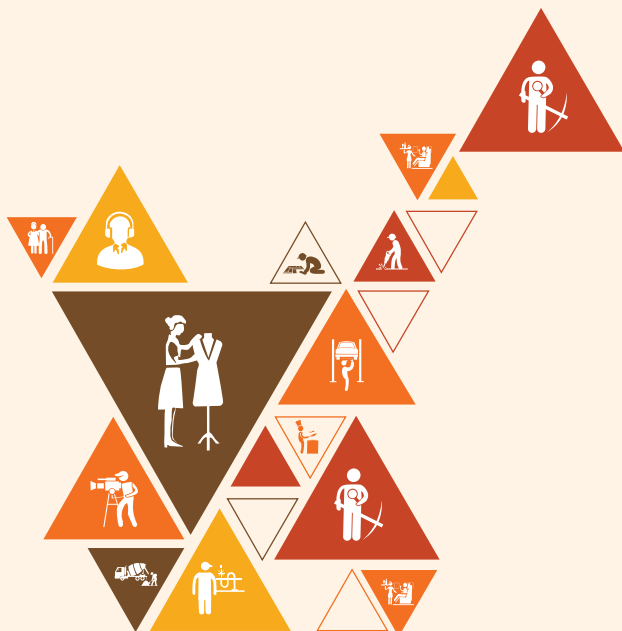
1. Answer 1: Refer to Unit 1.1: Introduction to Skill India
Topic: 1.1.1 Size and Scope of the Apparel Industry
2. Answer 2: Refer to Unit 1.1: Introduction to Skill India
Topic: 1.1.2 Various Employment Opportunities for a Digital Designer - Apparel Trends
3. Answer 3: Refer to Unit 1.1: Introduction to Skill India
Topic: 1.1.3 Roles and Responsibilities of a Digital Designer - Apparel Trends
4. Answer 4: Refer to Unit 1.1: Introduction to Skill India
Topic: 1.1.4 Apparel Production Process
5. Answer 5: Refer to Unit 1.1: Introduction to Skill India
Topic: 1.1.5 Role of a Digital Designer - Apparel Trends in the Apparel Production Process





2. Analyse Fashion Trends and Consumer Insights

Unit 2.1 - Fashion Trend Forecasting and Consumer Insights



AMH/N1238

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Identify global and regional fashion trend sources, digital forecasting platforms, and consumer data repositories relevant to apparel design.
2. Explain key principles of fashion forecasting, colour trends, consumer behaviour, and demographic analysis.
3. Discuss the usage of digital tools to collect and interpret trend and consumer insight data.
4. Examine sales data, social media analytics, and market reports to detect emerging apparel trends and consumer preferences.
5. Assess the reliability and relevance of digital trend data for different target markets and brand positioning strategies.
6. Discuss the development of visual trend boards, digital mood boards, and data-driven design briefs integrating consumer insights and fashion forecasts.
7. Elaborate on predictive trend models or design strategies using AI-based analytics to anticipate upcoming shifts in consumer demand.

Unit 2.1: Fashion Trend Forecasting and Consumer Insights

Unit Objectives

By the end of this unit, the participants will be able to:

1. Identify major sources of seasonal colour forecasts, silhouettes, and fabric/material innovations from global trend agencies and digital forecasting tools.
2. Explain the characteristics of various consumer lifestyle segments based on fashion consumption behaviour.
3. Classify fashion trends into micro and macro categories by applying parameters like duration, adoption rate, and market penetration.
4. Explain the influence of regional, cultural, and climatic factors on global fashion trends to determine localised apparel preferences.
5. Evaluate the effect of social, cultural, and environmental movements on evolving consumer expectations in apparel.
6. Discuss the formulation of consolidated fashion trend reports summarising seasonal directions, fabric forecasts, and demographic insights for design planning.
7. Evaluate digital media platforms and social commerce analytics to extract early trend signals and consumer engagement insights.
8. Mention the process of interpreting sales data, e-commerce analytics, and online reviews to derive actionable consumer preferences in silhouettes, materials, and pricing.
9. Evaluate sustainability-focused fashion trends for their commercial feasibility and market acceptance.
10. Explain the creation of digital visual mood boards and presentation decks illustrating key colour palettes, materials, silhouettes, and trend-driven consumer insights for upcoming seasons.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, printed seasonal colour forecast charts, fabric swatches, silhouette reference sheets, printed consumer lifestyle segment profiles, printed micro and macro trend examples, trend evaluation worksheets, regional and cultural fashion image references, sustainability trend handouts, sample sales data sheets, e-commerce analytics screenshots, online review samples, mood board templates, digital design software or presentation software, internet-enabled devices, sticky notes, adhesive tape.

Do

- Welcome the participants and organise the seating for interactive discussion and group work.
- Briefly introduce the session agenda and the expected learning outcomes before starting the class.
- Display sample seasonal colour forecasts and fabric innovation charts during the trend forecasting discussion.
- Conduct a short hands-on exercise on creating a digital mood board and interpreting basic e-commerce analytics.

Say



- This session introduces the process of forecasting fashion trends and understanding consumer preferences.
- The discussion explains how colour forecasts, silhouettes, fabrics, and lifestyle changes influence fashion collections.
- The session also covers how digital media, e-commerce analytics, and customer reviews support trend analysis and product planning.
- Practical activities will help in creating mood boards and preparing professional trend presentations.

Ask



- What is a fashion trend?
- Which digital platform is commonly used to discover new fashion styles?

Elaborate



- **Sources of Seasonal Colour Forecasts, Silhouettes and Fabric Innovations**

Major forecasting sources include WGSN, Pantone, Fashion Snoops, trend forecasting agencies, fashion weeks, textile fairs, and design exhibitions. These platforms provide information on future colour palettes, garment silhouettes, fabric textures, smart textiles, and sustainable material innovations.

- **Consumer Lifestyle Segments and Trend Categories**

Consumer lifestyle segments include luxury buyers, value-conscious consumers, eco-conscious customers, activewear users, and digital-first shoppers. Fashion trends are classified into macro trends, which influence the industry for several years, and micro trends, which are short-term and highly influenced by social media and popular culture.

- **Applying Trend Evaluation Parameters**

Trend evaluation involves analysing market relevance, consumer demand, commercial viability, seasonality, sustainability, price positioning, and brand compatibility. These parameters help designers and merchandisers decide whether a trend should be adopted for a particular target market.

- **Influence of Regional, Cultural and Climatic Factors**

Fashion preferences vary across regions due to climate, cultural traditions, local lifestyles, and social practices. Fabric selection, garment construction, colours, and styling details are often adapted to suit regional weather conditions and cultural expectations.

- **Impact of Social, Cultural and Environmental Movements**

Social movements, cultural shifts, environmental awareness, and ethical fashion campaigns strongly influence consumer buying behaviour. Increasing interest in gender-neutral fashion, circular fashion, slow fashion, and environmentally responsible production has become an important part of modern trend forecasting.

- **Consolidated Fashion Trend Reports and Digital Analytics**

Consolidated trend reports combine information from forecasting agencies, retail studies, runway analysis, social media insights, sales performance, and consumer feedback. Digital media platforms and social commerce analytics help identify emerging styles, influencer-driven trends, customer engagement patterns, and purchase behaviour.

- **Sales Data, E-Commerce Analytics and Online Reviews**

Sales data helps identify bestselling products, slow-moving items, seasonal demand patterns, and customer preferences. E-commerce analytics provide information on conversion rates, search behaviour, click-through rates, and customer demographics, while online reviews offer direct insights into product quality, fit, comfort, and overall customer satisfaction.

- **Sustainability Trends and Digital Mood Board Creation**

Sustainability-focused trends include recycled materials, organic fibres, biodegradable fabrics, upcycled products, and low-impact manufacturing processes. Digital visual mood boards and presentation decks are created by combining colour palettes, fabric references, silhouette images, trend keywords, and consumer insights into a structured visual story for design and merchandising teams.

Explain

- Trend forecasting agencies provide seasonal colour directions, silhouette updates, and fabric innovation insights.
- Consumer lifestyle segmentation helps brands develop products for specific customer groups.
- Fashion trends are divided into macro trends and micro trends based on duration and market impact.
- Regional climate and cultural practices influence fabric selection, garment styling, and colour preferences.
- Social, cultural, and environmental movements affect consumer behaviour and fashion demand.
- E-commerce analytics and online reviews help brands understand customer preferences and product performance.
- Digital mood boards visually organise colours, fabrics, silhouettes, and trend inspirations for presentation and product development.

Demonstrate

- Show a sample seasonal trend forecast and explain how colour palettes and silhouettes are selected.
- Demonstrate the classification of a trend into macro or micro category using recent fashion examples.
- Display a sample e-commerce analytics dashboard and explain key metrics such as views, conversions, and customer ratings.
- Create a simple digital mood board using presentation software by combining colour swatches, fabric images, silhouette references, and trend keywords.
- Present a short trend presentation deck and explain how trend insights are communicated to design and merchandising teams.

Activity

1. **Activity name:** Trend Forecasting and Mood Board Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants analyse fashion trends, identify consumer segments, evaluate trend relevance, and create a digital visual mood board with a short presentation.

4. **Resources:** Chart paper, markers, sticky notes, printed trend images, consumer segment profiles, sample sales data sheets, e-commerce analytics screenshots, computers/laptops with presentation software, internet connection, mood board templates.
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with printed trend images, consumer profiles, sales data, analytics screenshots, and a mood board template.
 - Ask the groups to identify one macro trend and one micro trend from the given materials.
 - Instruct each group to select a target consumer lifestyle segment and justify the choice.
 - Ask the groups to evaluate the trend using parameters such as market relevance, sustainability, and commercial viability.
 - Guide the groups to create a digital mood board containing colour palettes, fabric references, silhouettes, and trend keywords.
 - Ask each group to prepare a 2-minute presentation explaining the trend, target consumer, and sustainability aspects.
 - Invite group representatives to present their mood boards and receive feedback from the class.
7. **Outcome:** Participants will be able to identify fashion trends, analyse consumer segments, apply evaluation parameters, interpret basic analytics, and create a professional digital mood board and trend presentation.

Notes for Facilitation

- Encourage participants to observe fashion trends from both physical retail stores and digital platforms during discussions.
- Maintain a balance between theoretical forecasting concepts and practical industry applications.
- Use recent examples from fashion weeks, social media, and e-commerce platforms to keep the session relevant and engaging.
- Ensure that all groups participate equally during the mood board activity and presentation.
- Clarify the difference between short-term micro trends and long-term macro trends with simple examples.
- Emphasise the growing importance of sustainability and ethical fashion in trend forecasting and product development.
- Summarise the session by connecting trend forecasting, consumer insights, digital analytics, and visual presentation skills with the responsibilities of a Digital Designer - Apparel Trends.

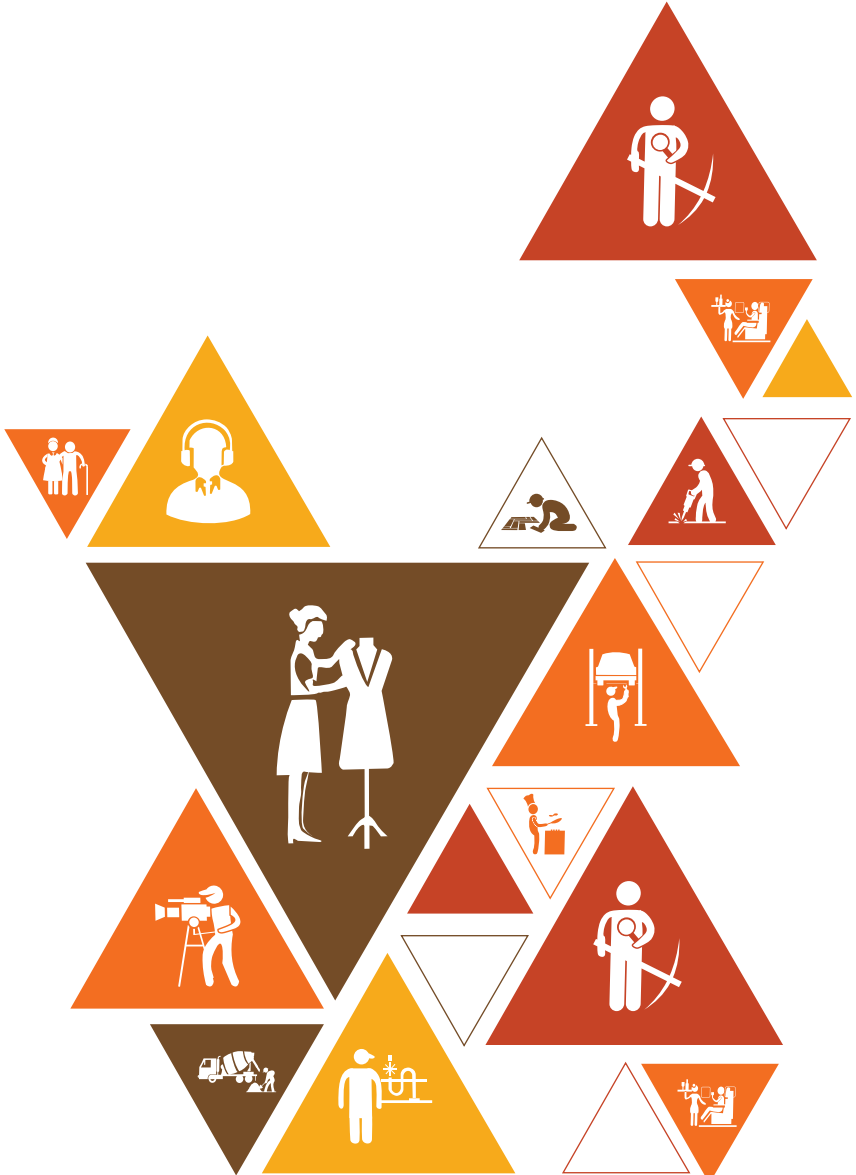
Answers to Exercises for PHB

Multiple Choice Questions:

1. a. Global trend agencies
2. b. Regional culture and climate
3. a. To identify consumer preferences
4. d. Digital mood board
5. a. They support environmentally responsible products.

Descriptive Questions:

1. Answer 1: Refer to Unit 2.1: Fashion Trend Forecasting and Consumer Insights
Topic: 2.1.1 Major Sources of Seasonal Colour Forecasts, Silhouettes, and Fabric/Material Innovations
2. Answer 2: Refer to Unit 2.1: Fashion Trend Forecasting and Consumer Insights
Topic: 2.1.2 Characteristics of Various Consumer Lifestyle Segments
3. Answer 3: Refer to Unit 2.1: Fashion Trend Forecasting and Consumer Insights
Topic: 2.1.3 Fashion Trends into Micro and Macro Categories
4. Answer 4: Refer to Unit 2.1: Fashion Trend Forecasting and Consumer Insights
Topic: 2.1.7 Digital Media Platforms and Social Commerce Analytics
Topic: 2.1.8 Interpreting Sales Data, E-Commerce Analytics, and Online Reviews
5. Answer 5: Refer to Unit 2.1: Fashion Trend Forecasting and Consumer Insights
Topic: 2.1.6 Consolidated Fashion Trend Reports
Topic: 2.1.10 Creation of Digital Visual Mood Boards and Presentation Decks





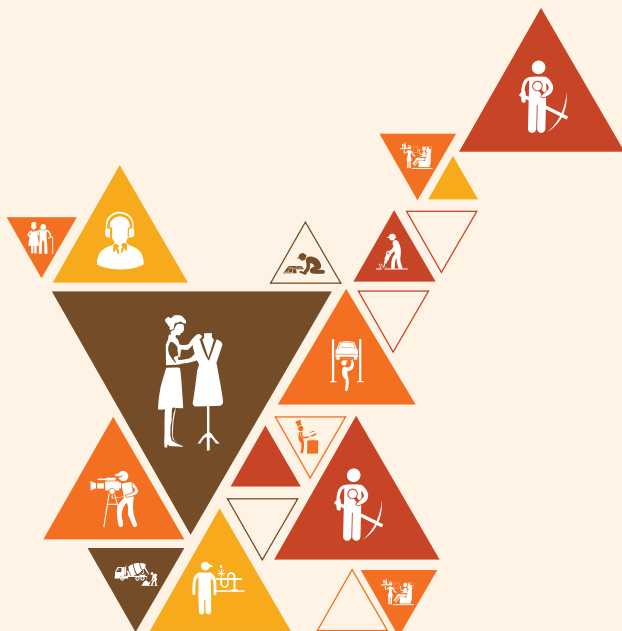
Skill India
कौशल भारत - कुशल भारत



3. Create Digital Concept Boards and Design Directions

Unit 3.1 - Fashion Trend Research and Design Planning

Unit 3.2 - Digital Concept Board Design and Presentation



AMH/N1239

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Identify the core seasonal inspiration themes, colour palettes, materials, and fashion directions using digital trend forecasting platforms and market analysis tools.
2. Analyse trend data, consumer insights, and brand positioning to determine relevant design narratives and concept directions for target markets.
3. Apply digital visualisation tools to translate conceptual ideas into digital mood boards and design layouts.
4. Develop cohesive digital concept boards integrating colours, textures, fabric swatches, silhouettes, and visual references that communicate trend alignment and storytelling.
5. Evaluate design directions for aesthetic balance, commercial viability, sustainability compliance, and alignment with brand identity.
6. Create digital concept boards with clear rationale on trend selection, colour theory, material choice, and target consumer appeal during peer or client reviews.

Unit 3.1: Fashion Trend Research and Design Planning

Unit Objectives

By the end of this unit, the participants will be able to:

1. Identify key trend forecasting platforms, colour authorities (Pantone, WGSN, Fashion Snoops), and digital resources for sourcing trend data and seasonal directions.
2. Classify digital assets such as trend images, fabrics, trims, and design inspirations for efficient organisation in digital libraries.
3. Analyse seasonal fashion trends, consumer profiles, and competitor product lines to derive relevant design directions aligned with brand positioning.
4. Interpret the application of sustainability, ethical sourcing, and circular fashion indicators within design concepts.
5. Evaluate the effectiveness of concept boards based on design coherence, consumer relevance, sustainability, and aesthetic appeal.
6. Assess proposed design directions with competitor offerings to ensure originality and market differentiation.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, printed trend forecast reports, printed colour forecast charts, printed consumer profile sheets, printed competitor product catalogues, digital asset samples, fabric swatches, sustainability and ethical sourcing reference sheets, circular fashion framework charts, concept board templates, sample design sketches, sticky notes, adhesive tape.

Do

- Welcome the participants and introduce the objectives of the session.
- Encourage active participation and maintain interaction throughout the class.
- Display sample trend forecast reports and competitor product catalogues during the discussion.
- Conduct a comparison exercise between proposed design directions and competitor offerings using concept boards.

Say

- This session focuses on researching fashion trends and planning market-oriented apparel designs.
- The discussion explains how trend forecasting resources support design decisions.
- The session also introduces sustainable design practices and methods for evaluating competitor products.
- Practical learning activities will demonstrate how research is converted into design planning

Ask

- What is a fashion trend?
- Why do fashion brands study competitor products?

Elaborate

• **Trend Forecasting Platforms, Colour Authorities and Digital Resources**

Fashion professionals use trend forecasting platforms, colour authorities, fashion forecasting agencies, and digital resources to identify upcoming colours, fabrics, silhouettes, and market directions. These resources support informed design decisions and reduce uncertainty during product planning.

• **Digital Assets for Fashion Design Planning**

Digital assets include design sketches, fabric libraries, colour palettes, mood boards, prints, graphics, reference images, and technical documents stored in digital formats. These resources improve collaboration, organisation, and consistency throughout the apparel design process.

• **Seasonal Fashion Trends, Consumer Profiles and Competitor Product Lines**

Seasonal fashion trends reflect changing consumer preferences, weather conditions, lifestyles, and market demand. Consumer profiles help identify target customers, while competitor product analysis provides insights into existing products, pricing, styling, and market positioning.

• **Sustainability, Ethical Sourcing and Circular Fashion Indicators**

Modern fashion planning considers environmentally responsible materials, ethical sourcing practices, fair production methods, and circular fashion principles. Indicators such as recycled materials, product durability, recyclability, and waste reduction support sustainable product development.

• **Effectiveness of Concept Boards**

Concept boards visually organise inspiration, colour palettes, fabrics, silhouettes, graphics, textures, and design themes into a structured presentation. They help communicate design ideas clearly and ensure alignment among design, merchandising, and production teams.

• **Comparative Analysis of Proposed Design Directions**

Proposed design directions are compared with competitor offerings to identify similarities, differences, strengths, weaknesses, and market opportunities. Comparative analysis supports product differentiation and helps develop collections that better satisfy consumer expectations.

Explain

- Trend forecasting platforms and colour authorities provide reliable information for seasonal design planning.
- Digital assets organise design information and improve workflow efficiency.
- Consumer profiles and competitor product analysis help identify market opportunities.
- Sustainability, ethical sourcing, and circular fashion principles support responsible apparel development.
- Concept boards visually communicate design inspiration and collection direction.
- Comparative analysis helps differentiate proposed designs from competitor products.
- Research-based design planning improves the commercial success of apparel collections.

Demonstrate



- Display a sample trend forecasting report and explain how seasonal colours and fabrics are selected.
- Demonstrate the organisation of digital assets such as colour palettes, reference images, and fabric libraries.
- Show examples of competitor product catalogues and explain comparative analysis techniques.
- Demonstrate the preparation of a concept board using colour palettes, fabric swatches, silhouettes, and inspiration images.
- Present a simple comparison between a proposed apparel design and an existing competitor product to highlight design differentiation.

Activity



1. **Activity name:** Concept Board and Competitor Analysis Workshop
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants research fashion trends, analyse competitor products, apply sustainability considerations, and develop a concept board for a proposed apparel collection.
4. **Resources:** Chart paper, markers, printed trend reports, colour forecast charts, consumer profile sheets, competitor product catalogues, concept board templates, fabric swatches, sticky notes, computers/laptops with presentation software
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with trend reports, consumer profiles, competitor catalogues, fabric swatches, and concept board templates.
 - Ask each group to identify one seasonal fashion trend and one target consumer profile.
 - Instruct the groups to examine competitor product lines and record key observations related to colour, silhouette, materials, and pricing.
 - Ask the groups to include at least two sustainability or ethical sourcing considerations while planning the proposed design direction.
 - Guide each group to prepare a concept board showing colour palettes, fabrics, silhouettes, inspiration images, and design themes.
 - Ask each group to compare the proposed design direction with one competitor product and explain how the proposed design is different.
 - Invite one representative from each group to present the completed concept board to the class.
7. **Outcome:** Participants will be able to research fashion trends, evaluate consumer and competitor information, incorporate sustainability considerations, prepare concept boards, and compare proposed designs with competitor offerings.

Notes for Facilitation



- Encourage participants to use authentic fashion references while discussing current market trends.
- Maintain a balance between research concepts and practical design planning activities.
- Demonstrate the importance of organising digital assets before beginning concept development.
- Highlight how competitor analysis supports innovation rather than imitation in apparel design.

- Reinforce the value of sustainability, ethical sourcing, and circular fashion during design planning discussions.
- Ensure that every participant contributes to the group activity and concept board presentation.
- Conclude the session by connecting trend research, concept development, sustainability, and comparative analysis to successful apparel collection planning.

Unit 3.2: Digital Concept Board Design and Presentation

Unit Objectives

By the end of this unit, the participants will be able to:

1. Explain the principles of colour theory, visual hierarchy, and balance used in digital mood boards and concept presentations.
2. Formulate design direction strategies that integrate storytelling, digital illustration, and sustainable fashion principles for concept presentation.
3. Illustrate trend data, colour palettes, fabric swatches, and trims from digital forecasting tools and online fashion archives.
4. Elaborate on the application of digital design tools to create digital mood boards and concept compositions.
5. Analyse the digital application of colours, textures, and patterns to translate trend insights into creative visual expressions.
6. Explain the creation of cohesive digital concept boards integrating theme, silhouettes, fabrics, and sustainability markers that visually narrate fashion stories.
7. Elaborate on the application of sustainability and ethical fashion cues (eco-friendly fabrics, upcycling visuals, inclusivity themes) within the digital presentation layouts.
8. Explain the creation of digital layouts by applying design principles such as visual flow, balance, proportion, and hierarchy.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, colour wheel charts, printed colour palette samples, fabric swatches, trim samples, printed trend data sheets, concept board templates, digital design software, graphic tablet (if available), sample digital layouts, reference images, printed pattern samples, sustainability reference charts, ethical fashion cue cards, sticky notes, adhesive tape, USB flash drive.

Do

- Welcome the participants and introduce the objectives and flow of the session.
- Encourage discussion and ensure all participants actively contribute during practical exercises.
- Display sample digital concept boards and digital layouts while explaining design principles.
- Conduct a live exercise using digital design software to arrange colours, fabrics, trims, and patterns into a concept board.

Say



- This session focuses on converting fashion research into visually organised digital concept boards.
- The discussion explains how colours, textures, fabrics, and layouts work together to communicate a design direction.
- Digital design tools make concept development faster, more organised, and easier to present.
- Practical exercises will demonstrate how design ideas are transformed into professional digital presentations.

Ask



- What is a colour palette?
- What is a concept board used for?

Elaborate



- **Principles of Colour Theory, Visual Hierarchy and Balance**

Colour theory helps designers combine colours that create harmony, contrast, and visual appeal. Visual hierarchy guides attention to important design elements, while balance ensures that colours, images, and text are arranged in an organised and aesthetically pleasing manner.

- **Design Direction Strategies**

Design direction strategies establish the overall theme, inspiration, target consumer, and intended market positioning of an apparel collection. A clear design direction ensures consistency in colours, materials, silhouettes, graphics, and styling throughout the collection.

- **Trend Data, Colour Palettes, Fabric Swatches and Trims**

Trend data provides insights into upcoming fashion directions that influence colour selection, fabrics, trims, and styling. Colour palettes, fabric swatches, and trim samples are carefully selected to reflect seasonal trends and support the intended design concept.

- **Application of Digital Design Tools**

Digital design tools enable designers to organise visual references, edit images, prepare layouts, manage digital assets, and create professional concept boards. These tools improve design accuracy, workflow efficiency, and collaboration among design teams.

- **Digital Application of Colours, Textures and Patterns**

Colours, textures, and patterns are digitally applied to concept boards to visualise the appearance of garments before production begins. Digital editing allows designers to experiment with multiple combinations quickly while maintaining consistency across the collection.

- **Creation of Cohesive Digital Concept Boards**

A cohesive concept board combines colour palettes, fabric references, silhouettes, trims, graphics, trend inspirations, and consumer insights into a unified visual presentation. A well-structured concept board clearly communicates the design story and collection direction.

- **Sustainability and Ethical Fashion Cues**

Concept boards incorporate sustainability indicators such as recycled materials, eco-friendly fabrics, ethical sourcing references, and circular fashion ideas. Including these cues supports responsible design planning and aligns collections with modern consumer expectations.

- **Creation of Digital Layouts**

Digital layouts organise design elements using appropriate spacing, alignment, typography, and visual structure. A well-designed layout improves readability, presentation quality, and communication of design concepts to product development and merchandising teams.

Explain

- Colour theory supports attractive and balanced apparel design presentations.
- Visual hierarchy helps organise important design elements in a logical sequence.
- Trend data guides the selection of colours, fabrics, trims, and design themes.
- Digital design tools simplify concept board creation and visual presentation.
- Digital application of colours, textures, and patterns improves design visualisation before production.
- Sustainability and ethical fashion cues strengthen responsible apparel design planning.
- Digital layouts improve the clarity and professionalism of concept board presentations.

Demonstrate

- Demonstrate the use of a digital design application to create a simple concept board.
- Show how colour palettes, fabric swatches, trims, and reference images are arranged using visual hierarchy and balance.
- Demonstrate the digital application of different colours, textures, and patterns to garment illustrations.
- Present examples of concept boards containing sustainability and ethical fashion cues.
- Show how to organise all design elements into a clean and professional digital presentation layout.

Activity

1. **Activity name:** Digital Concept Board Creation Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants apply colour theory, design principles, trend information, and digital design tools to create a cohesive digital concept board and presentation layout.
4. **Resources:** Computers/laptops with digital design software, concept board templates, printed trend data sheets, colour palette references, fabric swatches, trim samples, reference images, sustainability cue cards, participant handbook, chart paper, markers.
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with trend data, colour palettes, fabric swatches, trim samples, reference images, and access to digital design software.
 - Ask each group to choose one seasonal fashion theme and define its design direction.
 - Instruct the groups to prepare a digital concept board using colours, fabrics, textures, patterns, trims, and inspiration images.

- Ask the groups to include at least two sustainability or ethical fashion cues within the concept board.
 - Guide the groups to arrange all visual elements into a clear and balanced digital layout.
 - Ask each group to deliver a 2–3 minute presentation explaining the design direction, colour choices, and layout decisions.
 - Facilitate a brief class discussion comparing the different concept boards and presentation styles.
7. **Outcome:** Participants will be able to organise trend information, apply colour theory and design principles, use digital design tools effectively, incorporate sustainability cues, and prepare professional digital concept boards and presentation layouts.

Notes for Facilitation

- Encourage participants to focus on clarity and consistency while arranging design elements on concept boards.
- Demonstrate every major step before asking participants to perform the practical activity.
- Use industry examples to explain the relationship between trend research and concept board development.
- Reinforce the importance of colour harmony, visual hierarchy, and balanced layouts during discussions.
- Highlight how sustainability and ethical fashion considerations can be visually represented within concept boards.
- Ensure equal participation by assigning specific responsibilities to each member during the group activity.
- Conclude the session by connecting digital concept board creation with apparel design planning, product development, and professional client presentations.

Answers to Exercises for PHB

Multiple Choice Questions:

1. a. WGSN
2. c. To organise design assets
3. a. To create original and competitive designs
4. d. Visual hierarchy
5. b. Eco-friendly fabrics

Descriptive Questions:

1. Answer 1: Refer to Unit 3.1: Fashion Trend Research and Design Planning
Topic: 3.1.1 Key Trend Forecasting Platforms, Colour Authorities, and Digital Resources
2. Answer 2: Refer to Unit 3.1: Fashion Trend Research and Design Planning
Topic: 3.1.3 Seasonal Fashion Trends, Consumer Profiles, and Competitor Product Lines
3. Answer 3: Refer to Unit 3.1: Fashion Trend Research and Design Planning
Topic: 3.1.4 Application of Sustainability, Ethical Sourcing, and Circular Fashion Indicators
4. Answer 4: Refer to Unit 3.2: Digital Concept Board Design and Presentation
Topic: 3.2.1 Principles of Colour Theory, Visual Hierarchy, and Balance
Topic: 3.2.2 Design Direction Strategies
5. Answer 5: Refer to Unit 3.2: Digital Concept Board Design and Presentation
Topic: 3.2.3 Trend Data, Colour Palettes, Fabric Swatches, and Trims
Topic: 3.2.4 Application of Digital Design Tools
Topic: 3.2.5 Digital Application of Colours, Textures, and Patterns
Topic: 3.2.6 Creation of Cohesive Digital Concept Boards
Topic: 3.2.7 Application of Sustainability and Ethical Fashion Cues
Topic: 3.2.8 Creation of Digital Layouts





Skill India
कौशल भारत - कुशल भारत

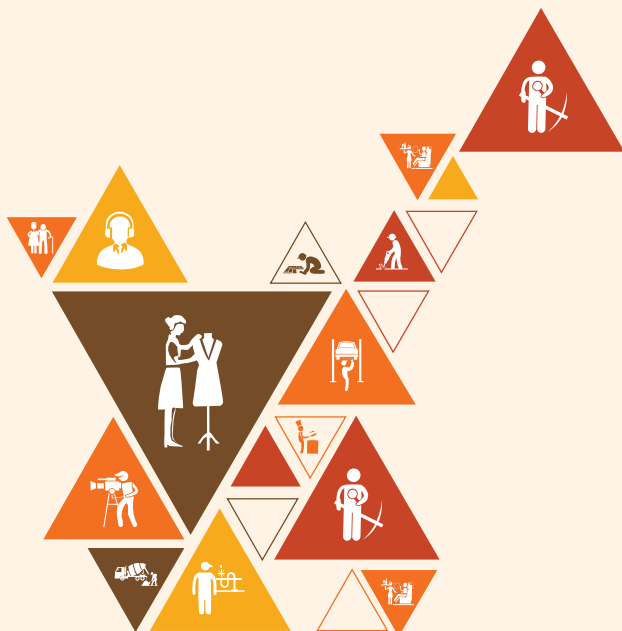


सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



4. Develop Digital Apparel Prototypes and Visualisations

Unit 4.1 - 3D Apparel Prototyping and Digital Evaluation



AMH/N1240

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Elaborate key digital prototyping tools and processes for converting 2D designs into 3D virtual apparel models.
2. Apply fabric physics, textures, and garment construction techniques to create realistic 3D apparel simulations.
3. Analyse digital prototypes through virtual fitting, proportion assessment, and feedback integration.
4. Create rendered 3D apparel visualisations and animations that effectively communicate design intent and aesthetics.
5. Evaluate digital prototyping workflows integrating sustainability practices such as virtual sampling and zero-waste design.

Unit 4.1: 3D Apparel Prototyping and Digital Evaluation

Unit Objectives

By the end of this unit, the participants will be able to:

1. Identify key digital tools, software, and resources for 3D apparel prototyping.
2. Explain the process of converting 2D design sketches, CAD patterns, vector files, and tech packs into 3D digital prototypes.
3. Examine the effects of fabric properties, trims, and garment construction techniques on prototype accuracy and aesthetics.
4. Assess digital prototypes for fit, drape, silhouette, and functional performance against design specifications and sustainability standards.
5. Formulate documentation standards for digital prototypes including specifications, annotations, and archiving procedures.
6. Evaluate digital prototypes against design briefs and tech packs by applying sustainable design considerations and virtual sampling techniques; incorporate feedback for improvements.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, 3D apparel design software (CLO 3D, Browzwear VStitcher, Style3D or Optitex 3D), CAD software, sample 2D design sketches, CAD patterns, vector files, sample tech packs, digital fabric library, fabric swatches, trim samples, garment construction reference charts, sample digital prototypes, fit evaluation reports, documentation templates, USB flash drive, sticky notes, adhesive tape.

Do

- Welcome the participants and briefly introduce the objectives of the session.
- Encourage active participation and allow sufficient time for practical observation.
- Display a sample 2D garment design and demonstrate its conversion into a 3D digital prototype.
- Present different fabric simulations and fit evaluation examples using 3D apparel software.

Say

- This session introduces the process of creating and evaluating digital apparel prototypes before physical production.
- The discussion explains how digital tools improve garment visualisation, fitting, and design accuracy.
- The session also demonstrates how digital prototypes are compared with design requirements and technical specifications.
- Practical exercises will provide experience in analysing digital garment prototypes and evaluation reports.

Ask

- What is a garment prototype?
- Why is a digital garment model useful before production?

Elaborate

• **Key Digital Tools, Software and Resources for 3D Apparel Prototyping**

3D apparel prototyping uses specialised software such as CLO 3D, Browzwear VStitcher, Style3D, and Optitex 3D to create virtual garments. These tools enable digital stitching, fabric simulation, fit analysis, pattern modification, and realistic garment visualisation before manufacturing.

• **Understanding 3D Apparel Prototyping**

3D apparel prototyping is the process of creating a virtual garment using digital design software instead of producing a physical sample. It allows designers and product developers to visualise garment appearance, evaluate fit, reduce sampling costs, and shorten product development time.

• **Converting 2D Design Sketches, CAD Patterns, Vector Files and Tech Packs**

The prototyping process begins by importing 2D sketches, CAD patterns, vector files, and technical specifications into 3D design software. Digital patterns are stitched virtually, garment details are applied, and the virtual sample is generated according to the information provided in the tech pack.

• **Effects of Fabric Properties, Trims and Garment Construction Techniques**

Fabric characteristics such as weight, thickness, stretch, stiffness, and texture influence garment drape and appearance. Trims, seams, stitching methods, and construction techniques are digitally applied to produce a realistic representation of the final garment.

• **Digital Prototype Evaluation for Fit, Drape and Silhouette**

Digital prototypes are evaluated to assess garment fit, body movement, drape behaviour, silhouette, balance, and overall appearance. Virtual fitting identifies design issues before production, reducing material waste and improving product quality.

• **Documentation Standards for Digital Prototypes**

Proper documentation includes garment specifications, measurements, pattern revisions, fabric details, trim information, simulation settings, and version history. Standardised documentation improves communication among designers, pattern makers, merchandisers, and production teams.

• **Evaluating Digital Prototypes Against Design Briefs and Tech Packs**

Completed digital prototypes are compared with the approved design brief and tech pack to verify design accuracy, measurements, styling details, trims, fabric selection, and construction requirements. Any differences are identified and corrected before physical sample development.

Explain

- 3D apparel software creates realistic virtual garments before physical sampling.
- Digital prototyping converts 2D design information into interactive 3D garment models.
- Fabric properties, trims, and construction methods affect garment appearance and fit.
- Virtual prototypes help evaluate fit, drape, silhouette, and garment performance efficiently.
- Standard documentation ensures accurate communication during product development.

- Digital prototypes are verified against design briefs and tech packs before approval.
- Digital prototyping reduces sampling time, development cost, and material waste.

Demonstrate

- Demonstrate importing a 2D CAD pattern into 3D apparel design software.
- Show the virtual stitching process to generate a digital garment prototype.
- Demonstrate changing fabric properties to observe differences in drape and garment behaviour.
- Display a digital fit analysis and explain how fit issues are identified and corrected.
- Compare a completed digital prototype with its design brief and tech pack to verify design accuracy.
- Demonstrate the preparation of a basic digital prototype evaluation report with supporting documentation.

Activity

1. **Activity name:** Digital Prototype Evaluation Workshop
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants understand the process of creating, evaluating, and documenting digital apparel prototypes using 3D design concepts and technical specifications.
4. **Resources:** Computers/laptops with 3D apparel design software, sample 2D design sketches, CAD patterns, vector files, tech packs, digital prototype images, fit evaluation reports, fabric swatches, trim samples, documentation templates, participant handbook
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with a sample 2D design sketch, CAD pattern, tech pack, digital prototype image, and evaluation sheet.
 - Ask each group to identify the design features that have been converted into the digital prototype.
 - Instruct the groups to examine the prototype for fit, drape, silhouette, fabric behaviour, and trim placement.
 - Ask the groups to compare the prototype with the information provided in the design brief and tech pack.
 - Guide each group to record any differences or improvements required in the evaluation sheet.
 - Ask one representative from each group to present the findings and explain the suggested modifications.
 - Conclude the activity by discussing how digital evaluation improves apparel product development.
7. **Outcome:** Participants will be able to understand the digital prototyping workflow, interpret 3D garment simulations, evaluate fit and garment appearance, compare prototypes with technical specifications, and document observations for design improvement.

Notes for Facilitation



- Encourage participants to observe every stage of the digital prototyping process before discussing evaluation results.
- Use realistic garment examples to explain the relationship between 2D design information and 3D virtual garments.
- Demonstrate software features step by step so that participants can easily follow the workflow.
- Highlight how fabric properties and garment construction influence the virtual appearance of apparel.
- Reinforce the importance of documentation standards for maintaining design accuracy and version control.
- Ensure every participant contributes during the prototype evaluation activity and group presentation.
- Conclude the session by emphasising that 3D apparel prototyping improves design quality, reduces sampling cycles, and supports efficient apparel product development.

Answers to Exercises for PHB

Multiple Choice Questions:

1. a. 3D apparel prototyping software
2. c. CAD pattern
3. b. Fabric properties
4. a. To check fit, appearance, and performance
5. d. To maintain specifications and archive design records

Descriptive Questions:

1. Answer 1: Refer to Unit 4.1: 3D Apparel Prototyping and Digital Evaluation
Topic: 4.1.1 Key Digital Tools, Software, and Resources for 3D Apparel Prototyping
2. Answer 2: Refer to Unit 4.1: 3D Apparel Prototyping and Digital Evaluation
Topic: 4.1.2 Process of Converting 2D Design Sketches, CAD Patterns, Vector Files, and Tech Packs
3. Answer 3: Refer to Unit 4.1: 3D Apparel Prototyping and Digital Evaluation
Topic: 4.1.3 Effects of Fabric Properties, Trims, and Garment Construction Techniques
4. Answer 4: Refer to Unit 4.1: 3D Apparel Prototyping and Digital Evaluation
Topic: 4.1.4 Digital Prototypes for Fit, Drape, Silhouette, and Functional Performance
5. Answer 5: Refer to Unit 4.1: 3D Apparel Prototyping and Digital Evaluation
Topic: 4.1.5 Documentation Standards for Digital Prototypes
Topic: 4.1.6 Digital Prototypes against Design Briefs and Tech Packs





Skill India
कौशल भारत - कुशल भारत

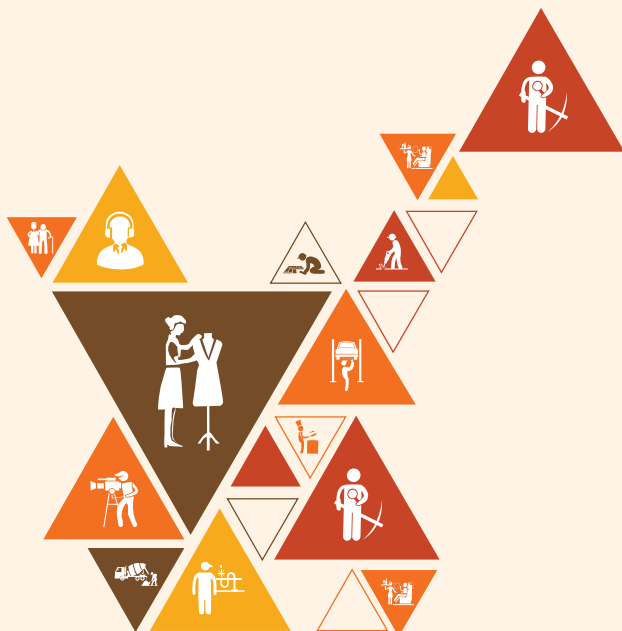


सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



5. Collaborate with Cross-Functional Teams for Trend Application

Unit 5.1 - Collaborative Apparel Design and Project Coordination



AMH/N1241

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Identify key internal and external stakeholders (merchandising, production, marketing, sourcing) involved in apparel trend application.
2. Explain roles, responsibilities, and workflow dependencies of cross-functional teams in translating trends into apparel products.
3. Communicate design concepts, trend insights, and digital mood boards effectively to team members for collaborative decision-making.
4. Evaluate feedback from cross-functional teams to identify potential production, material, or market constraints affecting trend implementation.
5. Assess the alignment of design proposals with business objectives, consumer expectations, and production feasibility through team collaboration.
6. Develop actionable design and trend implementation plans by integrating cross-functional feedback, ensuring feasibility, efficiency, and market relevance.

Unit 5.1: Collaborative Apparel Design and Project Coordination

Unit Objectives

By the end of this unit, the participants will be able to:

1. Identify roles and responsibilities of cross-functional teams in apparel trend implementation.
2. Explain the importance of aligning digital design directions with buyer briefs, merchandising inputs, and brand objectives.
3. Evaluate design proposals against competitor collections, cost, lead time, and resource constraints to ensure feasibility and differentiation.
4. Assess consolidated feedback from stakeholders like cross-functional teams to determine necessary refinements in digital designs while maintaining trend relevance.
5. Elaborate on formulating collaborative presentation strategies and documentation standards for design decisions, approvals, and future reference.
6. Discuss collaboration among sourcing, production, and marketing teams to validate material feasibility and support brand storytelling.
7. State the process of conducting comparative analysis of proposed designs against competitors to ensure market differentiation.
8. Explain the creation of collaborative presentations, document design changes, meeting notes, and approvals for traceability and future collections.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, printed organisational charts of cross-functional teams, sample design proposals, competitor product catalogues, comparative analysis worksheets, cost estimation sheets, lead time planning charts, resource planning templates, stakeholder feedback forms, feedback process flowcharts, meeting agenda templates, meeting minutes templates, approval forms, collaborative presentation templates, sample design revision records, sticky notes, adhesive tape, USB flash drive.

Do

- Welcome the participants and introduce the objectives and agenda of the session.
- Encourage participation and ensure equal involvement during discussions and group work.
- Display sample design proposals and competitor collections while explaining comparative analysis.
- Conduct a collaborative review exercise using stakeholder feedback forms and design revision records.

Say

- This session focuses on teamwork and coordination throughout the apparel design and product development process.
- The discussion explains how different departments contribute to successful apparel collections.

- The session introduces methods for analysing competitor products, documenting design changes, and presenting collaborative proposals.
- Practical activities will demonstrate how coordinated decision-making improves design quality and project outcomes.

Ask



- Why do different departments work together in apparel companies?
- What is the purpose of collecting feedback on a design?

Elaborate



- **Cross-functional Teams and Alignment of Digital Design Directions**

Cross-functional teams include design, sourcing, merchandising, production, quality assurance, marketing, and technical departments working together throughout apparel development. Aligning digital design directions ensures that every department follows the same product vision, design objectives, and business goals.

- **Comparative Evaluation of Design Proposals**

Design proposals are compared with competitor collections to evaluate styling, colour combinations, materials, functionality, pricing, and market positioning. Comparative analysis helps identify opportunities for innovation, differentiation, and improved customer appeal.

- **Cost, Lead Time and Resource Constraints**

Design planning considers production costs, available materials, manufacturing capacity, delivery schedules, and resource availability. Balancing creative ideas with commercial feasibility ensures that products can be produced efficiently within organisational constraints.

- **Stakeholder Feedback and Refinement Strategies**

Feedback is collected from designers, merchandisers, sourcing teams, production personnel, quality specialists, and marketing professionals. Consolidated feedback supports informed decision-making and helps refine designs before product approval and manufacturing.

- **Feedback Integration Process Flow**

The feedback integration process includes collecting observations, reviewing comments, evaluating design changes, implementing approved modifications, verifying revisions, and obtaining final approval. A structured process ensures consistency and reduces communication errors.

- **Collaborative Presentations and Documentation Standards**

Collaborative presentations summarise design concepts, trend research, comparative analysis, revisions, and project recommendations for stakeholders. Documentation standards maintain organised records of presentations, approvals, meeting notes, and design revisions throughout the project lifecycle.

- **Collaboration among Sourcing, Production and Marketing Teams**

Sourcing teams ensure material availability, production teams evaluate manufacturing feasibility, and marketing teams provide customer and market insights. Effective coordination among these departments supports timely product development and successful market launches.

- **Documentation of Design Changes, Meeting Notes and Approvals**

All design modifications, meeting discussions, approvals, and revision histories are documented using standard formats. Proper documentation improves traceability, supports future reference, and ensures that all stakeholders work with the latest approved information.

Explain

- Cross-functional teams improve coordination during apparel product development.
- Comparative analysis helps create distinctive and market-oriented apparel designs.
- Cost, lead time, and resource planning influence design feasibility and production decisions.
- Stakeholder feedback supports continuous improvement of apparel designs.
- Structured feedback integration ensures accurate implementation of approved revisions.
- Collaborative presentations communicate design proposals and project updates effectively.
- Standard documentation maintains records of design changes, meeting discussions, and approvals.

Demonstrate

- Demonstrate a meeting involving design, sourcing, production, and marketing teams to review a proposed apparel collection.
- Show a sample comparative analysis between a proposed design and competitor products using an evaluation worksheet.
- Demonstrate how stakeholder feedback is recorded, prioritised, and incorporated into a revised design proposal.
- Present a collaborative presentation deck summarising trend research, design direction, comparative analysis, and proposed refinements.
- Demonstrate the preparation of meeting notes, design revision records, and approval documentation using standard templates.

Activity

1. **Activity name:** Collaborative Design Review and Presentation Exercise
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants experience collaborative decision-making, evaluate apparel design proposals, integrate stakeholder feedback, and prepare professional project documentation and presentations.
4. **Resources:** Chart paper, markers, sample design proposals, competitor product catalogues, comparative analysis worksheets, stakeholder feedback forms, meeting note templates, approval forms, collaborative presentation templates, computers/laptops with presentation software, participant handbook
5. **Time Duration:** 35 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Assign each group different team roles such as Digital Designer, Sourcing Executive, Production Executive, Marketing Executive, and Merchandiser.

- Provide each group with a design proposal, competitor product catalogue, comparative analysis worksheet, and stakeholder feedback forms.
 - Ask the groups to compare the proposed design with competitor products by evaluating design features, cost, lead time, and available resources.
 - Instruct each group to record stakeholder feedback and identify the design refinements required before approval.
 - Guide the groups to document the agreed design changes, prepare meeting notes, and complete the approval form.
 - Ask each group to prepare a 3-minute collaborative presentation summarising the analysis, proposed refinements, and final recommendations.
 - Invite each group to present the findings and facilitate a class discussion on collaborative decision-making and project coordination.
- 7. Outcome:** Participants will be able to understand cross-functional collaboration, conduct comparative analysis, evaluate design proposals, integrate stakeholder feedback, prepare project documentation, and deliver collaborative apparel design presentations.

Notes for Facilitation

- Encourage active participation from every participant by assigning clear responsibilities during group activities.
- Use realistic apparel industry examples to explain coordination between design, sourcing, production, merchandising, and marketing teams.
- Demonstrate standard documentation formats before participants begin preparing records and presentations.
- Emphasise that comparative analysis supports innovation and market differentiation rather than copying competitor products.
- Reinforce the importance of considering cost, lead time, and resource availability while evaluating design proposals.
- Guide participants to maintain clear and organised documentation for meeting notes, design revisions, and approvals throughout the activity.
- Conclude the session by highlighting that successful apparel product development depends on effective collaboration, structured communication, timely feedback integration, and accurate documentation.

Answers to Exercises for PHB

Multiple Choice Questions:

1. b. To improve collaboration and product development
2. a. Buyer brief
3. a. To ensure originality and market differentiation
4. c. Sourcing team
5. a. To maintain traceability and future reference

Descriptive Questions:

1. Answer 1: Refer to Unit 5.1: Collaborative Apparel Design and Project Coordination
Topic: 5.1.1 Roles and Responsibilities of Cross-functional Teams in Apparel Trend Implementation
2. Answer 2: Refer to Unit 5.1: Collaborative Apparel Design and Project Coordination
Topic: 5.1.2 Importance of Aligning Digital Design Directions
3. Answer 3: Refer to Unit 5.1: Collaborative Apparel Design and Project Coordination
Topic: 5.1.3 Design Proposals against Competitor Collections, Cost, Lead Time, and Resource Constraints
Topic: 5.1.7 Process of Conducting Comparative Analysis
4. Answer 4: Refer to Unit 5.1: Collaborative Apparel Design and Project Coordination
Topic: 5.1.4 Consolidated Feedback from Stakeholders
Topic: 5.1.5 Strategy for Executing Refinements and Feedback Integration Process Flow
5. Answer 5: Refer to Unit 5.1: Collaborative Apparel Design and Project Coordination
Topic: 5.1.6 Formulating Collaborative Presentation Strategies and Documentation Standards
Topic: 5.1.8 Creation of Collaborative Presentations, Document Design Changes, Meeting Notes, and Approvals





Skill India
कौशल भारत - कुशल भारत

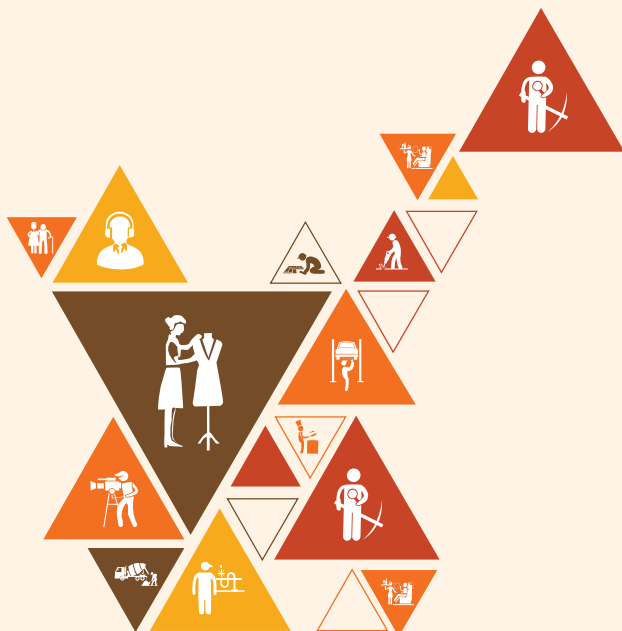


सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



6. Finalise and Present Trend-Aligned Digital Collections

Unit 6.1 - Digital Apparel Collection Development and Presentation



AMH/N1242

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Interpret brand identity, seasonal direction, and buyer requirements to ensure collection alignment with trend forecasts.
2. Compile finalised digital garments, colourways, and look combinations into cohesive virtual collections using digital design tools.
3. Evaluate design consistency, silhouette balance, and commercial appeal across product categories before presentation.
4. Assess collection feasibility based on cost, sourcing, and production constraints to ensure market readiness.
5. Develop professional digital collection presentations, integrating 3D visualisations, mood boards, and technical details for buyers and stakeholders.
6. Present and justify design concepts and trend interpretations effectively during stakeholder reviews or digital showcases.

Unit 6.1: Digital Apparel Collection Development and Presentation

Unit Objectives

By the end of this unit, the participants will be able to:

1. Explain the principles of trend alignment, brand identity, and seasonal forecasting in digital apparel collections.
2. Interpret buyer briefs, product range plans, and marketing directions to ensure trend and business alignment.
3. Analyse the coherence of silhouettes, colours, and fabrics across product categories for aesthetic and functional consistency.
4. Evaluate digital collection feasibility concerning cost, sourcing options, and production timelines.
5. Discuss presentation techniques and storytelling strategies for effectively communicating trend-aligned digital collections.
6. Elaborate on the compilation of finalised digital garments, colourways, and accessories into cohesive virtual collections using CAD/3D apparel software.
7. Discuss the application of digital visualisation tools to generate realistic renderings and 3D simulations for buyer presentations.
8. Assess collection uniformity and commercial appeal by comparing digital prototypes against brand and trend benchmarks.
9. Explain the creation of digital presentation decks or virtual showcases integrating lookbooks, mood boards, and technical sheets.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, printed buyer briefs, product range plans, seasonal forecast reports, brand identity guidelines, colour palette charts, fabric swatches, accessory samples, digital garment images, sourcing reference sheets, production timeline charts, cost estimation sheets, digital visualisation software, presentation software, sample digital presentation decks, virtual showcase examples, sticky notes, adhesive tape, USB flash drive.

Do

- Welcome the participants and introduce the objectives and sequence of the session.
- Encourage active participation and provide opportunities for discussion throughout the class.
- Display sample digital apparel collections and explain how collection elements are organised into a cohesive range.
- Conduct a live exercise on preparing a digital presentation deck using digital garments, colourways, and accessories.

Say

- This session focuses on developing and presenting a complete digital apparel collection.
- The discussion explains how trend forecasts, buyer requirements, and brand identity influence collection planning.
- The session also introduces methods for evaluating collection feasibility and presenting designs professionally.
- Practical activities will demonstrate how digital collections are organised into effective presentations and virtual showcases.

Ask

- What is an apparel collection?
- Why is a buyer brief important in apparel design?

Elaborate

- **Trend Alignment, Brand Identity and Seasonal Forecasting**
Successful apparel collections align with seasonal trends while maintaining a consistent brand identity. Trend forecasting helps identify colours, silhouettes, fabrics, and styles that meet changing market demands and consumer expectations.
- **Interpreting Buyer Briefs, Product Range Plans and Marketing Directions**
Buyer briefs define customer requirements, product specifications, target markets, and commercial objectives. Product range plans and marketing directions guide the selection of garments, styles, pricing, and promotional strategies for the collection.
- **Coherence of Silhouettes, Colours and Fabrics**
A successful collection maintains consistency across silhouettes, colour palettes, fabrics, trims, and styling details. A cohesive visual identity strengthens brand recognition and improves the overall presentation of the apparel range.
- **Collection Feasibility: Cost, Sourcing and Production Timelines**
Digital collection planning includes evaluating production costs, sourcing availability, manufacturing capability, and delivery schedules. Feasibility assessment ensures that creative concepts can be manufactured efficiently within business constraints.
- **Presentation Techniques and Storytelling Strategies**
Presentation techniques organise apparel collections into a logical sequence that communicates inspiration, consumer focus, seasonal direction, and design themes. Storytelling creates a meaningful connection between the collection and its intended audience.
- **Compilation of Digital Garments, Colourways and Accessories**
Final collections include approved digital garments, multiple colourways, accessories, trims, and styling combinations. Organising these elements systematically supports efficient review, merchandising, and collection presentation.
- **Digital Visualisation Tools, Collection Uniformity and Commercial Appeal**
Digital visualisation tools create realistic garment presentations, virtual fitting, collection layouts, and promotional visuals. Collection uniformity and commercial appeal are evaluated to ensure consistency, customer relevance, and market readiness.

- **Creation of Digital Presentation Decks and Virtual Showcases**

Digital presentation decks and virtual showcases combine collection visuals, technical information, colour stories, and merchandising details into a professional presentation. These presentations support internal reviews, buyer meetings, product approvals, and marketing activities.

Explain



- Trend forecasting and brand identity guide apparel collection development.
- Buyer briefs and product range plans define collection requirements and objectives.
- Consistent silhouettes, colours, and fabrics improve collection coherence.
- Cost, sourcing options, and production timelines determine collection feasibility.
- Storytelling techniques strengthen the impact of apparel presentations.
- Digital visualisation tools improve collection presentation and commercial evaluation.
- Digital presentation decks and virtual showcases communicate collections effectively to stakeholders.

Demonstrate



- Demonstrate the interpretation of a buyer brief and product range plan to develop a seasonal apparel collection.
- Show how digital garments, colourways, and accessories are organised into a complete collection.
- Demonstrate the use of digital visualisation software to prepare collection layouts and presentation visuals.
- Present examples of cohesive apparel collections and explain factors affecting commercial appeal.
- Demonstrate the preparation of a professional digital presentation deck and virtual showcase for stakeholder review.

Activity



1. **Activity name:** Digital Collection Presentation Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants develop a coordinated digital apparel collection, evaluate its commercial feasibility, and prepare a professional presentation deck or virtual showcase.
4. **Resources:** Computers/laptops with presentation and digital visualisation software, printed buyer briefs, product range plans, seasonal forecast reports, brand identity guidelines, colour palette charts, fabric swatches, accessory samples, cost estimation sheets, production timeline templates, participant handbook, chart paper, markers.
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with a buyer brief, product range plan, seasonal forecast report, brand identity guideline, and collection planning materials.

- Ask each group to select suitable digital garments, colourways, fabrics, and accessories for a seasonal apparel collection.
 - Instruct the groups to verify the collection against cost estimates, sourcing options, and production timelines.
 - Guide each group to organise the selected garments into a cohesive collection with a consistent visual theme.
 - Ask the groups to prepare a digital presentation deck or virtual showcase explaining the inspiration, buyer requirements, collection features, and commercial appeal.
 - Invite each group to deliver a 3-minute presentation of the completed collection.
 - Conduct a brief discussion comparing the strengths and improvements identified across the different collections.
7. **Outcome:** Participants will be able to develop a cohesive digital apparel collection, interpret buyer requirements, evaluate production feasibility, apply digital visualisation techniques, and prepare professional collection presentations for review.

Notes for Facilitation

- Encourage participants to connect trend forecasts, buyer briefs, and brand identity while planning the collection.
- Demonstrate each stage of collection development before participants begin the practical activity.
- Use current apparel collections as examples to explain commercial appeal and collection consistency.
- Reinforce the importance of balancing creativity with cost, sourcing availability, and production timelines.
- Highlight how storytelling enhances the effectiveness of digital collection presentations.
- Ensure that every participant contributes to planning, organising, and presenting the collection during the activity.
- Conclude the session by emphasising that successful digital apparel collections combine market trends, technical planning, commercial feasibility, and professional presentation into a unified product offering.

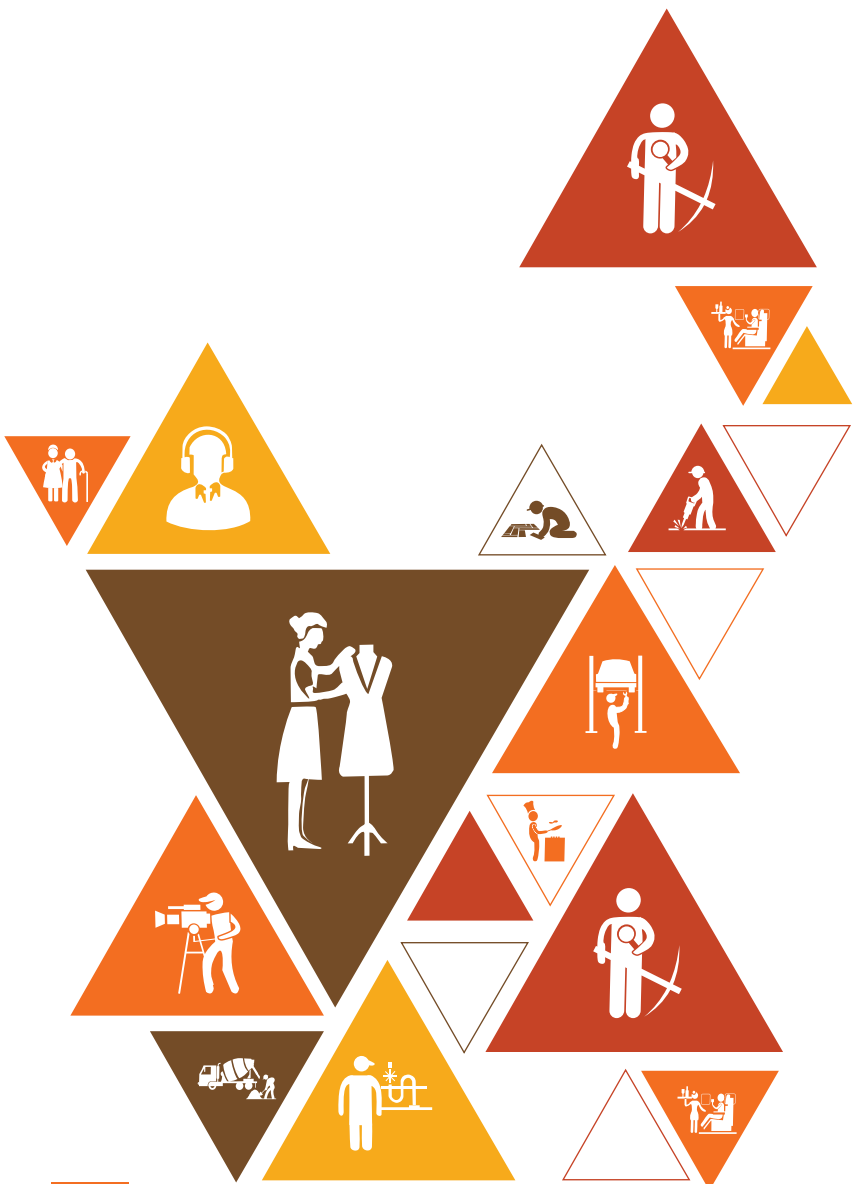
Answers to Exercises for PHB

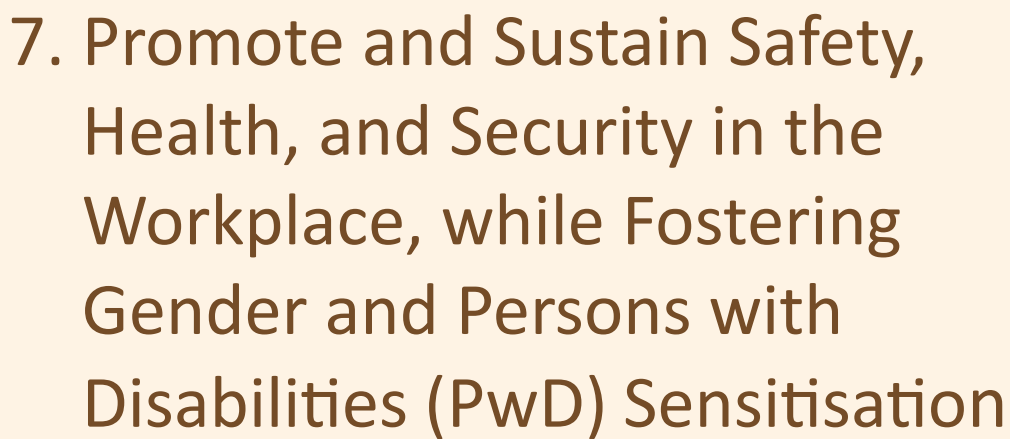
Multiple Choice Questions:

1. b. Trend alignment
2. a. Buyer brief
3. d. CAD/3D apparel software
4. a. To create realistic garment renderings and 3D simulations
5. c. Lookbooks, mood boards, and technical sheets

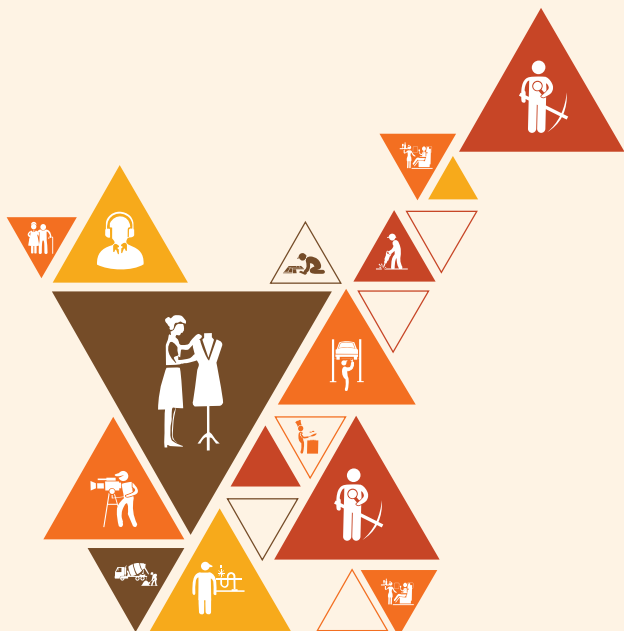
Descriptive Questions:

1. Answer 1: Refer to Unit 6.1: Digital Apparel Collection Development and Presentation
Topic: 6.1.1 Principles of Trend Alignment, Brand Identity, and Seasonal Forecasting
2. Answer 2: Refer to Unit 6.1: Digital Apparel Collection Development and Presentation
Topic: 6.1.2 Interpreting Buyer Briefs, Product Range Plans, and Marketing Directions
Answer 3: Refer to Unit 6.1: Digital Apparel Collection Development and Presentation
Topic: 6.1.3 Coherence of Silhouettes, Colours, and Fabrics
3. Answer 4: Refer to Unit 6.1: Digital Apparel Collection Development and Presentation
Topic: 6.1.6 Compilation of Finalised Digital Garments, Colourways, and Accessories
Topic: 6.1.7 Application of Digital Visualisation Tools
4. Answer 5: Refer to Unit 6.1: Digital Apparel Collection Development and Presentation
Topic: 6.1.4 Digital Collection Feasibility Concerning Cost, Sourcing Options, and Production Timelines
Topic: 6.1.8 Collection Uniformity and Commercial Appeal
Topic: 6.1.9 Creation of Digital Presentation Decks or Virtual Showcases





Unit 7.3 - Quality Environment and Sustainability



AMH/N0620

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Describe safe working practices for the operation, cleaning, maintenance, and storage of tools, equipment, and machinery in the apparel workplace.
2. Explain workplace health, safety, environmental, and organisational procedures related to quality operations and equipment handling.
3. Discuss the effects of contamination, such as machine oil, dirt, and improper handling, on garment quality and production.
4. Identify workplace hazards, risks, accidents, and emergency situations, and explain the appropriate response, evacuation, and reporting procedures.
5. Outline the procedures for obtaining work instructions, interpreting job cards, clarifying task requirements, and meeting assigned work targets.
6. Describe the methods for inspecting tools, equipment, work areas, and finished products to ensure safety, operational readiness, and compliance with quality standards.
7. Prepare workplace records, forms, and reports related to equipment status, safety observations, defects, and production activities.
8. Compare different methods of waste reduction, material reuse, and safe disposal of waste and by-products to promote sustainable manufacturing practices.
9. Highlight the importance of maintaining good health, personal hygiene, and safe work habits while avoiding alcohol, tobacco, and other intoxicants in the workplace.
10. Explain the procedures for reporting defective tools, machine malfunctions, workplace hazards, and quality issues to the appropriate personnel.
11. Discuss the importance of following organisational quality standards, legal requirements, and standard operating procedures to ensure safe and efficient production.
12. Elaborate on the role of workplace safety, environmental responsibility, proper documentation, and continuous housekeeping in improving productivity, product quality, and employee well-being.

Unit 7.1: Workplace Safety and Compliance

Unit Objectives

By the end of this unit, the participants will be able to:

1. Describe safe work practices for operating, cleaning, maintaining, and storing tools, equipment, and machinery in the apparel workplace.
2. Explain workplace health, safety, environmental, and organisational procedures for quality operations and equipment handling.
3. Elaborate on workplace hazards, risks, accidents, and emergencies, and explain the appropriate response, evacuation, and reporting procedures.
4. Highlight the importance of good health, personal hygiene, and safe work habits while avoiding alcohol, tobacco, and other intoxicants at work.
5. Discuss the importance of following organisational quality standards, legal requirements, and standard operating procedures for safe and efficient production.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, personal protective equipment (safety gloves, safety shoes, safety goggles, face mask, ear plugs), first-aid kit, sample fire extinguishers (or training models), fire safety posters, emergency evacuation route map, hazard identification posters, workplace safety signboards, machine operation manuals, lockout/tagout tags, emergency shutdown procedure charts, quality inspection checklist, legal compliance handbook, hygiene posters, cleaning materials, sticky notes, adhesive tape.

Do

- Welcome the participants and explain the objectives and schedule of the session.
- Encourage active participation and clarify doubts throughout the training.
- Display workplace safety signs, emergency evacuation maps, and fire extinguisher models during the session.
- Conduct a practical demonstration of emergency shutdown and fire extinguisher identification.

Say

- This session introduces essential workplace safety practices followed in the apparel industry.
- The discussion explains how safe behaviour protects people, equipment, and workplace operations.
- The session also covers emergency response, first aid, fire safety, and legal compliance requirements.
- Practical demonstrations and activities will help in recognising hazards and responding appropriately during emergencies.

Ask

- Why is workplace safety important?
- What is a fire extinguisher used for?

Elaborate

- **Safe Equipment Operation and Workplace Health Safety Procedures**

Safe equipment operation involves following operating instructions, using appropriate personal protective equipment, inspecting machines before use, and reporting defects immediately. Workplace health and safety procedures help prevent injuries, protect employees, and maintain a safe working environment.

- **Workplace Hazards, Threats and Emergencies**

A workplace hazard is anything that can cause injury, illness, or damage, while a workplace threat is a situation that may create danger or disrupt operations. Workplace emergencies include fire, electrical accidents, chemical spills, medical emergencies, and natural disasters that require immediate response.

- **Hazard Emergency Management and Emergency Evacuation**

Hazard emergency management includes identifying hazards, assessing risks, implementing preventive measures, and preparing emergency response plans. Emergency evacuation procedures ensure that employees safely leave the workplace using designated evacuation routes and assembly points during emergencies.

- **First Aid and Components of a First-Aid Kit**

First aid is the immediate care provided to an injured or ill person before professional medical assistance arrives. A first-aid kit generally contains bandages, sterile gauze, adhesive tape, antiseptic solution, scissors, gloves, cotton, burn dressing, and basic medical supplies for handling common workplace injuries.

- **Fire Safety and Fire Extinguishers**

Fire emergencies require immediate reporting, safe evacuation, and the correct use of suitable fire extinguishers. Different classes of fire require different extinguishers, and understanding the parts and operation of a fire extinguisher helps ensure safe and effective response.

- **Emergency Shutdown Procedures**

Emergency shutdown is the controlled stopping of machines and equipment during dangerous situations to minimise risks and prevent further damage. Organisational procedures define the correct sequence for shutting down equipment, isolating energy sources, and reporting the incident.

- **Health, Hygiene and Safe Work Practices**

Good workplace hygiene includes maintaining personal cleanliness, keeping work areas clean, proper waste disposal, and using personal protective equipment correctly. Safe work practices reduce accidents, improve productivity, and contribute to a healthy working environment.

- **Quality Standards and Legal Compliance Procedures**

Quality standards ensure that apparel products meet specified requirements for safety, performance, and customer satisfaction. Legal compliance procedures require adherence to workplace safety regulations, labour laws, environmental requirements, and organisational policies during daily operations.

Explain

- Safe equipment operation reduces workplace accidents and equipment damage.
- Hazards, threats, and emergencies should be identified and reported promptly.
- Emergency evacuation procedures help employees leave the workplace safely during emergencies.
- First aid provides immediate assistance until professional medical help becomes available.
- Correct fire extinguisher selection depends on the type of fire involved.
- Emergency shutdown procedures minimise risks during hazardous situations.
- Health, hygiene, quality standards, and legal compliance contribute to a safe and efficient workplace.

Demonstrate

- Demonstrate the correct use of personal protective equipment before operating workplace equipment.
- Show different workplace hazard signs and explain their meanings.
- Demonstrate the identification of fire extinguisher types and explain the purpose of each.
- Demonstrate the PASS technique (Pull, Aim, Squeeze, Sweep) using a training fire extinguisher.
- Conduct a mock emergency evacuation by explaining evacuation routes, assembly points, and reporting procedures.
- Demonstrate the contents of a first-aid kit and explain the purpose of commonly used items.
- Demonstrate the organisational emergency shutdown procedure using a machine control panel or illustrated chart.

Activity

- 1. Activity name:** Workplace Safety and Emergency Response Drill
- 2. Type of activity:** Group Activity
- 3. Objective of the activity:** To help participants identify workplace hazards, select appropriate emergency responses, recognise fire safety equipment, and follow workplace safety and evacuation procedures.
- 4. Resources:** Hazard identification cards, workplace safety posters, fire extinguisher training model, first-aid kit, emergency evacuation map, PPE items, chart paper, markers, participant handbook
- 5. Time Duration:** 30 Minutes
- 6. Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with hazard identification cards, emergency scenarios, PPE items, and an evacuation map.
 - Ask each group to identify the workplace hazard, threat, or emergency shown on each card.
 - Instruct the groups to select the appropriate safety measure, emergency response, or fire extinguisher for each situation.
 - Ask the groups to identify the emergency evacuation route and assembly point using the provided map.
 - Guide the groups to demonstrate the correct sequence for reporting the emergency, initiating emergency shutdown (where applicable), and providing basic first-aid response.
 - Ask one representative from each group to explain the group's decisions to the class.
 - Summarise the activity by reinforcing safe work practices and organisational emergency procedures.

- 7. Outcome:** Participants will be able to identify workplace hazards, distinguish hazards, threats, and emergencies, apply emergency response procedures, recognise appropriate fire safety equipment, understand first-aid basics, and follow workplace safety and compliance requirements.

Notes for Facilitation

- Ensure that all practical demonstrations are conducted using safe methods and approved training equipment.
- Encourage participants to identify workplace hazards from real apparel industry examples during discussions.
- Reinforce the importance of immediately reporting unsafe conditions, incidents, and equipment faults.
- Demonstrate the correct use of personal protective equipment before discussing machine operation and emergency response.
- Clarify the differences between hazards, threats, emergencies, and emergency management using simple workplace scenarios.
- Ensure that every participant actively contributes during the safety drill and group discussion.
- Conclude the session by emphasising that workplace safety, emergency preparedness, hygiene, quality standards, and legal compliance are shared responsibilities in every apparel workplace.

Unit 7.2: Equipment Operations and Documentation

Unit Objectives

By the end of this unit, the participants will be able to:

1. Outline the procedures for obtaining work instructions, interpreting job cards, clarifying task requirements, and achieving assigned work targets.
2. Describe the methods for inspecting tools, equipment, work areas, and finished products to ensure safety, operational readiness, and quality compliance.
3. Prepare workplace records, forms, and reports on equipment status, safety observations, defects, and production activities.
4. Explain the procedures for reporting defective tools, machine malfunctions, workplace hazards, and quality issues to the appropriate personnel.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, sample work instruction sheets, standard operating procedure (SOP) documents, sample work execution and documentation procedure manuals, workplace inspection checklist, equipment inspection checklist, sample tools and equipment, workplace record registers, maintenance logbooks, inspection forms, production reports, defect reporting forms, hazard reporting forms, quality checklists, clipboard, sticky notes, adhesive tape.

Do

- Welcome the participants and explain the objectives and schedule of the session.
- Encourage active participation and allow time for questions during the discussion.
- Display sample work instruction sheets and workplace records while explaining documentation procedures.
- Conduct a practical exercise on inspecting equipment and completing defect and hazard reporting forms.

Say

- This session explains the importance of following work instructions and maintaining accurate workplace documentation.
- The discussion introduces methods for inspecting equipment and identifying workplace defects and hazards.
- The session also covers the proper use of workplace records, reports, and documentation forms.
- Practical activities will demonstrate how accurate documentation supports safe and efficient workplace operations.

Ask

- Why are work instruction sheets used in a workplace?
- What should be done after identifying a damaged tool?

Elaborate

• **Work Instruction Sheets**

Work instruction sheets provide step-by-step guidance for performing specific tasks safely and correctly. They include information on work methods, equipment, safety precautions, quality requirements, and expected outcomes to ensure consistency in operations.

• **Work Execution and Documentation Procedures**

Work execution procedures define the correct sequence of performing assigned tasks, while documentation procedures record completed work, inspections, observations, and corrective actions. Proper documentation supports traceability, accountability, and quality assurance.

• **Tools, Equipment and Workplace Inspection**

Regular inspection of tools, equipment, and the workplace helps identify wear, damage, unsafe conditions, and operational issues before work begins. Scheduled inspections improve safety, reduce equipment failures, and support uninterrupted production.

• **Workplace Records, Forms and Reports**

Workplace records include production logs, inspection reports, maintenance records, attendance registers, quality checklists, and incident reports. Accurate records help monitor work progress, maintain compliance, and provide information for future reference.

• **Defect and Hazard Reporting Procedures**

Defect reporting procedures ensure that damaged equipment, faulty tools, product defects, and workplace issues are reported promptly using standard reporting forms. Hazard reporting procedures help identify unsafe conditions so that corrective action can be taken before accidents occur.

• **Importance of Accurate Documentation**

Accurate documentation supports communication among departments, improves quality control, assists audits, and provides evidence of completed work. Proper records also help organisations analyse performance and implement continuous improvement measures.

• **Compliance with Organisational Procedures**

Following organisational procedures ensures that work is performed according to approved standards, safety requirements, and quality guidelines. Compliance reduces operational errors, improves efficiency, and supports regulatory requirements.

Explain

- Work instruction sheets provide standard methods for completing workplace tasks.
- Work execution and documentation procedures ensure consistency and traceability.
- Regular inspection of tools, equipment, and workplaces improves operational safety.
- Workplace records and reports support quality monitoring and regulatory compliance.
- Defects and workplace hazards should be reported using approved reporting procedures.
- Accurate documentation improves communication, accountability, and continuous improvement.

Demonstrate



- Demonstrate how to read and follow a sample work instruction sheet before beginning a task.
- Show the correct method of inspecting workplace tools and equipment using an inspection checklist.
- Demonstrate how to identify a defect or workplace hazard and record the observation using a standard reporting form.
- Show examples of workplace records, inspection reports, and maintenance logbooks and explain their purpose.
- Demonstrate the correct procedure for completing a workplace inspection report and submitting it according to organisational procedures.

Activity



1. **Activity name:** Equipment Inspection and Documentation Exercise
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants inspect workplace tools and equipment, identify defects and hazards, and complete workplace documentation accurately according to organisational procedures.
4. **Resources:** Sample work instruction sheets, inspection checklists, sample tools and equipment, workplace record forms, defect reporting forms, hazard reporting forms, maintenance logbooks, chart paper, markers, participant handbook
5. **Time Duration:** 25 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with sample tools, equipment, work instruction sheets, inspection checklists, and reporting forms.
 - Ask the groups to inspect the provided tools and equipment using the checklist.
 - Instruct the groups to identify any visible defects, unsafe conditions, or hazards during the inspection.
 - Ask the groups to complete the appropriate defect and hazard reporting forms based on their observations.
 - Guide the groups to record the inspection findings in the workplace record format provided.
 - Ask one representative from each group to present the inspection findings and explain the documentation completed.
 - Summarise the activity by highlighting the importance of accurate inspections and proper workplace documentation.
7. **Outcome:** Participants will be able to interpret work instruction sheets, perform basic workplace inspections, identify defects and hazards, complete workplace records accurately, and follow standard documentation and reporting procedures.

Notes for Facilitation



- Ensure that sample documents used during the session reflect standard workplace formats.
- Encourage participants to carefully examine equipment before completing inspection records.
- Demonstrate the correct sequence for inspection, reporting, and documentation before the activity begins.

- Reinforce the importance of reporting defects and hazards immediately to prevent workplace incidents.
- Emphasise that accurate workplace records support quality assurance, safety, and regulatory compliance.
- Ensure that every participant contributes to the inspection and documentation activity.
- Conclude the session by highlighting that systematic inspections, accurate documentation, and timely reporting are essential for safe, efficient, and compliant workplace operations.

Unit 7.3: Quality Environment and Sustainability

Unit Objectives

By the end of this unit, the participants will be able to:

1. Discuss the impact of contamination, including machine oil, dirt, and improper handling, on garment quality and production.
2. Compare methods of waste reduction, material reuse, and safe waste disposal to support sustainable manufacturing practices.
3. Elaborate on the role of workplace safety, environmental responsibility, proper documentation, and housekeeping in improving productivity, product quality, and employee well-being.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, fabric samples (clean and contaminated), garment quality inspection checklist, waste segregation bins, reusable fabric scraps, recycling containers, sample defective garments, quality control charts, environmental awareness posters, PPE samples (gloves, face mask), housekeeping checklist, cleaning materials, sustainability posters, waste management procedure charts, sticky notes, adhesive tape.

Do

- Welcome the participants and explain the objectives and flow of the session.
- Encourage participants to share observations during discussions and activities.
- Display contaminated and defect-free garment samples for comparison during the session.
- Conduct a practical exercise on waste segregation and material reuse using sample fabric pieces.

Say

- This session explains the relationship between quality, sustainability, and environmental responsibility in apparel production.
- The discussion highlights how contamination and waste affect garment quality and production efficiency.
- The session also introduces sustainable work practices that support responsible manufacturing.
- Practical activities will demonstrate methods for reducing waste and maintaining quality standards.

Ask

- What can reduce the quality of a garment?
- Why should fabric waste be reduced?

Elaborate

- **Contamination Effects on Garment Quality**

Contamination occurs when garments or materials come into contact with dust, oil, stains, chemicals, moisture, or other foreign substances. Contaminated garments may fail quality inspections, increase production costs, and reduce customer satisfaction.

- **Sources and Prevention of Contamination**

Common sources of contamination include dirty workstations, improper handling of materials, leaking equipment, and poor housekeeping practices. Maintaining clean work areas, using appropriate protective equipment, and following handling procedures help prevent contamination.

- **Waste Reduction in Apparel Production**

Waste reduction involves minimising unnecessary consumption of fabric, trims, packaging materials, energy, and other resources during production. Efficient material utilisation improves productivity, lowers costs, and supports sustainable manufacturing practices.

- **Material Reuse and Recycling**

Reusable fabric pieces, trims, and packaging materials can be utilised in sample development, accessory production, or recycling processes. Material reuse reduces waste generation, conserves natural resources, and contributes to environmental sustainability.

- **Workplace Safety and Environmental Responsibility**

Safe work practices protect employees while reducing environmental impact through proper waste disposal, pollution prevention, and responsible resource utilisation. Environmental responsibility promotes compliance with organisational and environmental regulations.

- **Sustainable Workplace Practices**

Sustainable workplace practices include maintaining cleanliness, segregating waste, conserving energy, reducing water consumption, and promoting recycling initiatives. These practices improve workplace efficiency while supporting long-term environmental protection.

- **Quality, Environment and Continuous Improvement**

Quality management and environmental sustainability work together to improve production processes and product performance. Continuous monitoring, employee participation, and responsible work practices contribute to higher quality standards and sustainable business operations.

Explain

- Contamination reduces garment quality and increases production losses.
- Clean work practices help prevent contamination during garment production.
- Waste reduction improves resource efficiency and lowers manufacturing costs.
- Material reuse and recycling support sustainable apparel manufacturing.
- Workplace safety and environmental responsibility contribute to safe and compliant operations.
- Sustainable work practices improve quality while protecting natural resources.

Demonstrate

- Demonstrate the identification of contaminated and defect-free garment samples.
- Show the correct method of handling garments to avoid contamination during production.

- Demonstrate waste segregation using separate bins for reusable, recyclable, and non-recyclable materials.
- Show examples of fabric scraps that can be reused for sampling or accessory production.
- Demonstrate proper housekeeping practices that support quality and environmental responsibility.

Activity

1. **Activity name:** Quality and Sustainability Inspection Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants identify contamination sources, practise waste segregation, recognise reusable materials, and apply environmentally responsible workplace practices.
4. **Resources:** Contaminated and clean fabric samples, reusable fabric scraps, waste segregation bins, garment quality inspection checklist, sustainability posters, chart paper, markers, participant handbook
5. **Time Duration:** 25 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with garment samples, fabric scraps, inspection checklists, and waste segregation bins.
 - Ask the groups to identify contaminated garments and explain the possible causes of contamination.
 - Instruct the groups to separate reusable, recyclable, and non-recyclable materials into the appropriate bins.
 - Ask the groups to suggest methods for reducing waste and improving material utilisation in apparel production.
 - Guide each group to record observations using the quality inspection checklist.
 - Invite one representative from each group to present the findings and recommendations.
 - Summarise the activity by discussing the importance of quality management, waste reduction, and environmental responsibility.
7. **Outcome:** Participants will be able to identify contamination, apply waste reduction practices, segregate reusable and recyclable materials correctly, and understand the relationship between garment quality, workplace safety, and environmental sustainability.

Notes for Facilitation

- Use clean and contaminated garment samples to provide practical understanding of quality issues.
- Encourage participants to relate waste reduction practices to actual apparel production activities.
- Demonstrate proper waste segregation before the group activity begins.
- Reinforce the importance of maintaining clean workstations to prevent contamination.
- Highlight the environmental benefits of material reuse and responsible waste management.
- Ensure that every participant actively contributes during the inspection and waste segregation activity.
- Conclude the session by emphasising that quality, environmental responsibility, waste reduction, and sustainable work practices are essential for efficient and responsible apparel manufacturing.

Answers to Exercises for PHB

Multiple Choice Questions:

1. a. To prevent accidents and injuries
2. a. Job card
3. a. Report it to the appropriate personnel
4. a. Machine oil and dirt contamination
5. a. Waste reduction and material reuse

Descriptive Questions:

1. Answer 1: Refer to Unit 7.1: Workplace Safety and Compliance
Topic: 7.1.1 Safe Equipment Operation and Maintenance
2. Answer 2: Refer to Unit 7.1: Workplace Safety and Compliance
Topic: 7.1.2 Workplace Health Safety Procedures
Topic: 7.1.3 Workplace Hazard Emergency Management
3. Answer 3: Refer to Unit 7.2: Equipment Operations and Documentation
Topic: 7.2.1 Work Instruction Sheets
Topic: 7.2.2 Work Execution and Documentation Procedures
Topic: 7.2.3 Tools, Equipment, and Workplace Inspection
Topic: 7.2.5 Defect Hazard Reporting Procedures
4. Answer 4: Refer to Unit 7.2: Equipment Operations and Documentation
Topic: 7.2.2 Work Execution and Documentation Procedures
Topic: 7.2.4 Workplace Records, Forms, and Reports
5. Answer 5: Refer to Unit 7.3: Quality Environment and Sustainability
Topic: 7.3.1 Contamination Effects on Garment Quality
Topic: 7.3.2 Waste Reduction and Material Reuse
Topic: 7.3.3 Workplace Safety Environmental Responsibility



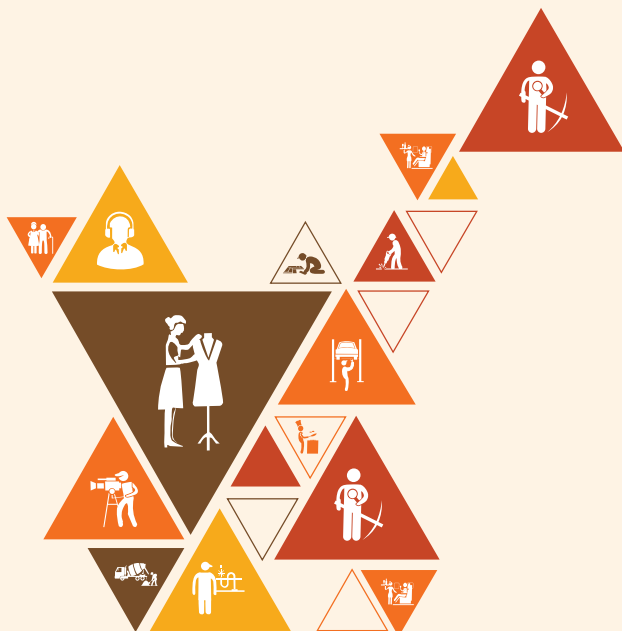
Skill India
कौशल भारत - कुशल भारत



8. Adhere to Industry, Regulatory, and Organisational Standards and Embrace Environmentally Sustainable Practices

Unit 8.1 - Professional Conduct and Workplace Compliance

Unit 8.2 - Legal Compliance, Sustainable Resource and Waste Management



AMH/N0621

Key Learning Outcomes



By the end of this module, the participants will be able to:

1. Explain the importance of punctuality, attendance, discipline, and ethical conduct in maintaining professional standards in the apparel industry.
2. Outline the importance of workplace punctuality, attendance, and discipline for maintaining productivity and organisational efficiency.
3. Describe organisational policies, customer-specific requirements, legal regulations, and reporting procedures applicable to apparel manufacturing.
4. Elaborate on customer-specific requirements, buyer expectations, and the procedures for communicating with supervisors and authorised personnel to clarify work instructions.
5. Discuss the importance of values, ethics, accountability, and working within the limits of personal responsibility.
6. Highlight the limits of personal responsibility, self-authority, teamwork, supervisor coordination, and organisational escalation procedures.
7. Outline legal, regulatory, environmental, and customer compliance requirements relevant to apparel production and quality management.
8. Outline the procedures for reporting deviations, seeking clarifications, and complying with organisational policies and regulatory requirements.
9. Highlight the importance of green jobs, sustainable workplace practices, and environmental responsibility in the apparel sector.
10. Explain methods for optimising the use of materials, conserving energy, and reducing resource wastage during production.
11. Highlight energy conservation practices, efficient equipment operation, and machine shutdown procedures for promoting a sustainable workplace.
12. Prepare and implement appropriate procedures for the segregation, handling, storage, and disposal of waste materials in accordance with organisational and environmental guidelines.
13. Elaborate on safe and sustainable workplace practices, including switching off equipment when not in use and supporting organisational green initiatives.
14. Elaborate on the role of ethical behaviour, regulatory compliance, and sustainable resource management in improving organisational performance, environmental protection, and customer satisfaction.

Unit 8.1: Professional Conduct and Workplace Compliance

Unit Objectives

By the end of this unit, the participants will be able to:

1. Explain the importance of punctuality, attendance, discipline, and ethical conduct in maintaining professionalism in the apparel industry.
2. Describe organisational policies, customer requirements, legal regulations, and reporting procedures followed in apparel manufacturing.
3. Discuss the importance of values, ethics, accountability, and working within assigned responsibilities.
4. Outline the procedures for reporting deviations, seeking clarification, and complying with organisational policies and regulatory requirements.
5. Outline the importance of workplace punctuality, attendance, and discipline in maintaining productivity and organisational performance.
6. Elaborate on customer-specific requirements, buyer expectations, and communication with supervisors and authorised personnel to clarify work instructions.
7. Explain the limits of personal responsibility.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, organisational policy handbook, employee code of conduct booklet, workplace discipline guidelines, attendance register, sample job descriptions, standard operating procedure (SOP) manual, legal compliance handbook, customer requirement sheets, communication templates, deviation reporting forms, incident reporting forms, organisational hierarchy chart, workplace notice board samples, sticky notes, adhesive tape.

Do

- Welcome the participants and explain the objectives and schedule of the session.
- Encourage participants to take part in discussions and classroom activities.
- Display sample organisational policies, job responsibilities, and deviation reporting forms during the session.
- Conduct a practical exercise on identifying workplace responsibilities and reporting deviations correctly.

Say

- This session explains the importance of professional conduct and workplace compliance in the apparel industry.
- The discussion highlights how discipline, ethics, and accountability contribute to workplace efficiency.
- The session also introduces organisational policies, communication practices, and reporting procedures.

- Practical activities will demonstrate how professional behaviour supports teamwork and organisational success.

Ask



- Why is punctuality important at work?
- What should be done if a task is outside assigned responsibilities?

Elaborate



- **Professional Conduct and Workplace Discipline**

Professional conduct includes behaving respectfully, following workplace rules, maintaining discipline, and demonstrating responsibility during daily work. Workplace discipline promotes a productive environment, reduces conflicts, and supports organisational goals.

- **Organisational Policies and Legal Requirements**

Organisational policies define workplace rules, operational procedures, and employee responsibilities. Legal requirements ensure compliance with labour laws, safety regulations, company policies, and ethical business practices during all work activities.

- **Values, Ethics, Accountability and Assigned Responsibilities**

Workplace values such as honesty, integrity, respect, and accountability strengthen teamwork and professional relationships. Employees are expected to perform assigned responsibilities carefully while remaining accountable for the quality and accuracy of their work.

- **Deviation Reporting and Compliance Procedures**

Deviation reporting involves documenting and reporting situations where work does not follow approved procedures, specifications, or organisational standards. Timely reporting enables corrective actions, improves compliance, and prevents repeated errors.

- **Workplace Punctuality and Attendance**

Regular attendance and punctuality contribute to smooth workflow, effective coordination, and timely completion of assigned tasks. Maintaining attendance records also supports organisational planning and workforce management.

- **Customer Requirements and Communication**

Understanding customer requirements helps ensure that products and services meet quality, design, and delivery expectations. Clear, professional communication promotes accurate information sharing and strengthens customer satisfaction.

- **Limits of Responsibilities**

Every employee has defined responsibilities and authority within the organisation. Tasks beyond assigned responsibilities should be communicated to the appropriate supervisor to ensure safe, efficient, and authorised decision-making.

Explain

- Professional conduct and discipline improve workplace productivity and teamwork.
- Organisational policies and legal requirements support safe and compliant operations.
- Values, ethics, accountability, and assigned responsibilities promote professional behaviour.
- Deviation reporting helps organisations maintain quality and operational compliance.
- Punctuality, attendance, and effective communication support efficient workplace performance.
- Understanding the limits of responsibilities ensures proper reporting and decision-making.

Demonstrate

- Demonstrate how to interpret an organisational policy document and employee code of conduct.
- Show the correct method of completing a deviation reporting form using a workplace scenario.
- Demonstrate professional communication while responding to a customer requirement.
- Present examples of workplace attendance records and explain their purpose.
- Demonstrate how to identify whether a task falls within assigned responsibilities and when it should be reported to a supervisor.

Activity

1. **Activity name:** Professional Workplace Decision Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants identify appropriate professional behaviour, follow organisational policies, recognise assigned responsibilities, and practise deviation reporting and workplace communication.
4. **Resources:** Sample organisational policy handbook, employee code of conduct booklet, deviation reporting forms, customer requirement sheets, attendance register, workplace scenarios, chart paper, markers, participant handbook
5. **Time Duration:** 25 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with workplace scenarios involving professional conduct, customer communication, attendance, assigned responsibilities, and policy compliance.
 - Ask the groups to identify the correct action for each scenario according to organisational policies.
 - Instruct the groups to determine whether the situation requires deviation reporting or supervisor approval.
 - Ask the groups to complete a sample deviation reporting form where applicable.
 - Guide each group to prepare a brief explanation of how the situation should be handled professionally.
 - Invite one representative from each group to present the group's decisions and reasoning.
 - Summarise the activity by reinforcing the importance of professionalism, compliance, accountability, and effective communication.

- 7. Outcome:** Participants will be able to demonstrate professional workplace behaviour, follow organisational policies and legal requirements, recognise assigned responsibilities, communicate customer requirements appropriately, complete deviation reporting procedures, and maintain workplace discipline.

Notes for Facilitation

- Use practical workplace examples to explain professional conduct and organisational compliance.
- Encourage participants to distinguish between assigned responsibilities and tasks requiring supervisor approval.
- Demonstrate the correct procedure for reporting deviations before beginning the activity.
- Reinforce the importance of punctuality, attendance, and professional communication throughout the session.
- Highlight how values, ethics, and accountability contribute to organisational success and customer satisfaction.
- Ensure that every participant actively contributes during the group activity and discussion.
- Conclude the session by emphasising that professional conduct, compliance with organisational policies, effective communication, and accountability are essential for maintaining a safe, disciplined, and productive apparel workplace.

Unit 8.2: Legal Compliance, Sustainable Resource and Waste Management

Unit Objectives

By the end of this unit, the participants will be able to:

1. Outline the legal, regulatory, environmental, and customer compliance requirements for apparel production and quality management.
2. Elaborate on how ethical behaviour, regulatory compliance, and sustainable resource management drive organisational performance, environmental protection, and customer satisfaction.
3. Explain the importance of green jobs, sustainable work practices, and environmental responsibility in the apparel industry.
4. Explain methods for optimising material usage, conserving energy, and minimising resource wastage during production.
5. Prepare procedures for the segregation, handling, storage, and disposal of waste in accordance with organisational and environmental guidelines.
6. Elaborate on safe and sustainable workplace practices, including switching off equipment when not in use and supporting organisational green initiatives.
7. Explain energy conservation practices, efficient equipment operation, and the importance of switching off machines when not in use to promote a sustainable workplace.

Resources to be Used

Participant handbook, notepad, pen, whiteboard, markers, presentation slides, overhead projector or large screen, computer/laptop with internet connection, LCD projector, speaker system, flip charts, chart papers, organisational policy handbook, legal and regulatory compliance manual, environmental compliance guidelines, customer requirement sheets, sustainability policy documents, circular fashion model charts, waste segregation bins, reusable fabric scraps, recycling containers, energy conservation posters, resource optimisation charts, waste disposal procedure charts, equipment operation manuals, equipment shutdown procedure charts, quality checklists, housekeeping checklist, PPE samples, sticky notes, adhesive tape.

Do

- Welcome the participants and explain the objectives and learning outcomes of the session.
- Encourage active participation and discussion throughout the training.
- Display waste segregation bins, circular fashion model charts, and energy conservation posters during the session.
- Conduct a practical exercise on waste segregation and equipment shutdown procedures.

Say



- This session explains how legal compliance and sustainable workplace practices support responsible apparel manufacturing.
- The discussion highlights the importance of conserving resources, reducing waste, and protecting the environment.
- The session also introduces circular fashion, ethical behaviour, and organisational green initiatives.
- Practical activities will demonstrate methods for improving sustainability in daily workplace operations.

Ask



- Why should waste be separated in the workplace?
- Why should machines be switched off when not in use?

Elaborate



- **Legal, Regulatory, Environmental and Customer Compliance Requirements**

Organisations are required to comply with applicable laws, environmental regulations, customer specifications, and organisational policies during apparel production. Compliance ensures safe operations, consistent product quality, environmental protection, and customer confidence.

- **Ethical Compliance, Sustainable Resource Management and Organisational Performance**

Ethical behaviour includes honesty, integrity, fairness, and responsible decision-making in workplace activities. Sustainable resource management focuses on the efficient use of materials, water, and energy, contributing to improved organisational performance, environmental protection, and customer satisfaction.

- **Green Jobs, Sustainable Work Practices and Circular Fashion Model**

Green jobs support environmentally responsible production by promoting resource conservation and sustainable manufacturing methods. The circular fashion model encourages designing, producing, using, reusing, repairing, recycling, and recovering garments to reduce waste and extend product life.

- **Material, Energy and Resource Optimisation**

Material optimisation reduces fabric wastage through efficient cutting, planning, and reuse of usable materials. Energy conservation includes switching off idle equipment, using machines efficiently, and minimising unnecessary consumption of electricity and other resources.

- **Waste Segregation, Handling, Storage and Disposal**

Waste should be separated into reusable, recyclable, hazardous, and non-recyclable categories using approved procedures. Proper handling, storage, and disposal reduce environmental pollution, improve workplace safety, and support regulatory compliance.

- **Safe Sustainable Workplace Practices and Green Initiatives**

Safe sustainable workplace practices combine safety procedures with environmental responsibility by maintaining clean work areas, reducing pollution, conserving resources, and participating in organisational green initiatives. These practices contribute to long-term sustainability goals.

- **Equipment Shutdown, Energy Conservation and Efficient Equipment Operation**

Proper equipment shutdown prevents unnecessary energy consumption, reduces equipment wear, and improves workplace safety. Efficient operation and timely shutdown of machines support energy conservation while extending equipment life and reducing operating costs.

Explain



- Legal and regulatory compliance supports safe, ethical, and quality-focused workplace operations.
- Sustainable resource management improves productivity while conserving materials and energy.
- Green jobs and the circular fashion model promote environmentally responsible apparel production.
- Waste segregation and proper disposal reduce pollution and support environmental compliance.
- Efficient equipment operation and timely shutdown help conserve energy and resources.
- Organisational green initiatives strengthen environmental responsibility and customer confidence.

Demonstrate



- Demonstrate the correct segregation of reusable, recyclable, hazardous, and non-recyclable waste using labelled bins.
- Show examples of fabric scraps that can be reused or recycled as part of the circular fashion model.
- Demonstrate the correct equipment shutdown procedure to conserve energy after work completion.
- Show methods for reducing fabric waste through efficient material planning and utilisation.
- Demonstrate proper handling and storage of workplace waste according to organisational procedures.
- Present examples of sustainable workplace practices that improve environmental performance.

Activity



1. **Activity name:** Green Workplace Resource Management Challenge
2. **Type of activity:** Group Activity
3. **Objective of the activity:** To help participants apply legal compliance principles, practise waste segregation, identify sustainable workplace practices, optimise resource usage, and support organisational green initiatives.
4. **Resources:** Waste segregation bins, reusable fabric scraps, sample waste materials, circular fashion model chart, energy conservation posters, equipment shutdown checklist, sustainability policy documents, chart paper, markers, participant handbook
5. **Time Duration:** 30 Minutes
6. **Instructions**
 - Divide the participants into groups of 5 members each.
 - Provide each group with sample waste materials, reusable fabric pieces, waste segregation bins, and sustainability reference materials.
 - Ask the groups to classify the materials into reusable, recyclable, hazardous, and non-recyclable categories.

- Instruct the groups to identify methods for reducing material waste and conserving energy during apparel production.
 - Ask the groups to prepare a simple flow illustrating the stages of the circular fashion model using the provided chart.
 - Guide the groups to identify workplace actions that support organisational green initiatives and environmental responsibility.
 - Invite one representative from each group to present the group's recommendations and sustainable workplace practices.
 - Summarise the activity by reinforcing the importance of legal compliance, sustainability, resource optimisation, and environmental protection.
- 7. Outcome:** Participants will be able to identify legal and environmental compliance requirements, apply sustainable resource management practices, perform waste segregation correctly, explain the circular fashion model, conserve energy through efficient equipment operation, and contribute to organisational sustainability initiatives.

Notes for Facilitation

- Use practical examples from apparel manufacturing to explain sustainability and legal compliance requirements.
- Demonstrate waste segregation and equipment shutdown procedures before the activity begins.
- Encourage participants to identify opportunities for reducing material wastage and conserving energy in workplace operations.
- Reinforce the relationship between ethical behaviour, customer satisfaction, environmental responsibility, and organisational performance.
- Highlight the importance of the circular fashion model in reducing textile waste and supporting sustainable manufacturing.
- Ensure that every participant actively contributes during the waste segregation and resource optimisation activity.
- Conclude the session by emphasising that legal compliance, sustainable resource management, energy conservation, waste reduction, and organisational green initiatives are essential for responsible and efficient apparel manufacturing.

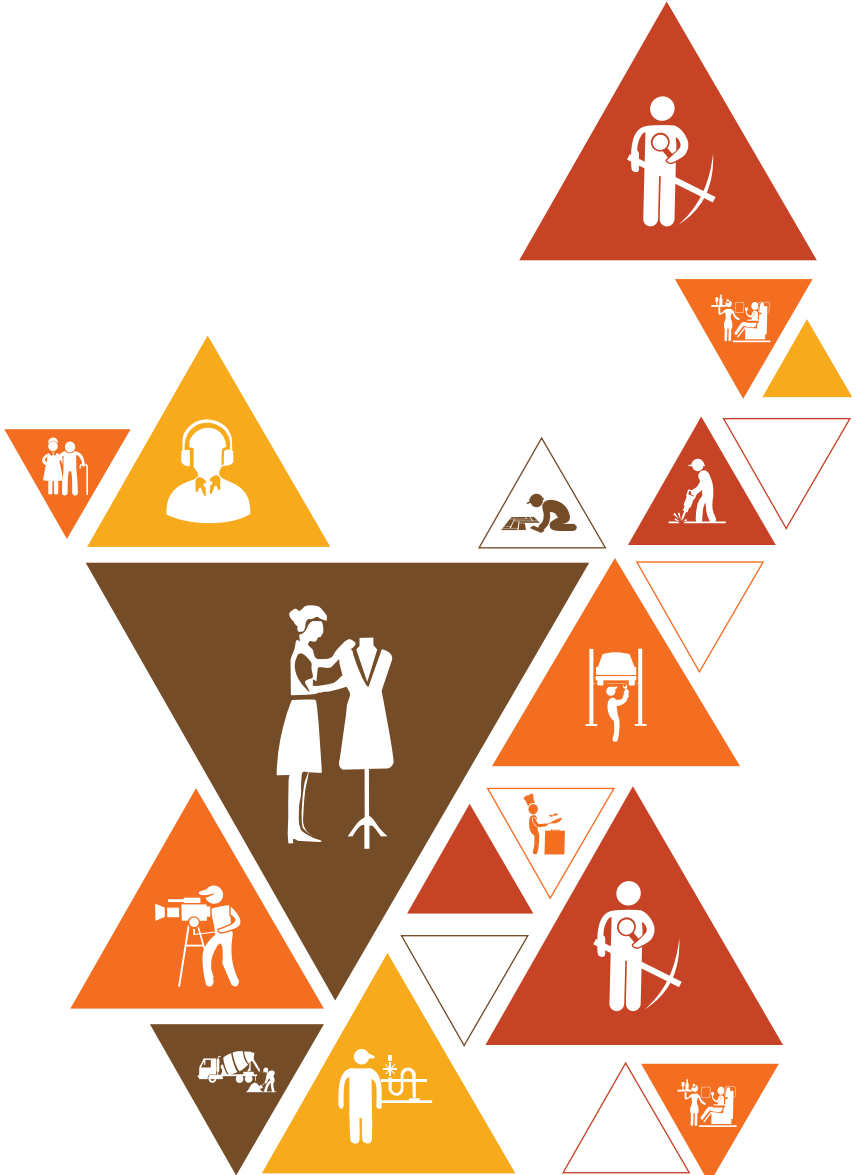
Answers to Exercises for PHB

Multiple Choice Questions:

1. a. It improves productivity and discipline.
2. a. Following organisational policies
3. a. Seek clarification from the supervisor.
4. a. Switching off machines when not in use
5. a. To support safe disposal and environmental protection

Descriptive Questions:

1. Answer 1: Refer to Unit 8.1: Professional Conduct and Workplace Compliance
Topic: 8.1.1 Professional Conduct and Workplace Discipline
2. Answer 2: Refer to Unit 8.1: Professional Conduct and Workplace Compliance
Topic: 8.1.2 Organisational Policies, Legal Requirements, Values, Ethics, and Accountability, and Working Within Assigned Responsibilities
3. Answer 3: Refer to Unit 8.1: Professional Conduct and Workplace Compliance
Topic: 8.1.3 Deviation Reporting Compliance Procedures, Workplace Punctuality and Attendance, Customer Requirements and Communication, Limits of Responsibilities
4. Answer 4: Refer to Unit 8.2: Legal Compliance, Sustainable Resource and Waste Management
Topic: 8.2.1 Legal, Regulatory, Environmental, and Customer Compliance Requirements, Ethical Compliance, Sustainable Resource Management, Ethical Behaviour, Regulatory Compliance, Sustainable Resource Management, Contribution to Organisational Performance, Contribution to Environmental Protection, Contribution to Customer Satisfaction, Green Jobs, Sustainable Work Practices, Environmental Responsibility, Circular Fashion Model, Stages of the Circular Fashion Model
5. Answer 5: Refer to Unit 8.2: Legal Compliance, Sustainable Resource and Waste Management
Topic: 8.2.2 Material Energy Resource Optimisation, Methods for Optimising Material Usage, Methods for Conserving Energy, Methods for Minimising Resource Wastage, Waste Segregation, Handling, Storage, and Disposal of Waste, Safe Sustainable Workplace Practices, Safe Workplace Practices, Equipment Shutdown & Energy Conservation, Supporting Organisational Green Initiatives, Energy Conservation Practices, Efficient Equipment Operation, Importance of Switching Off Machines When Not in Use





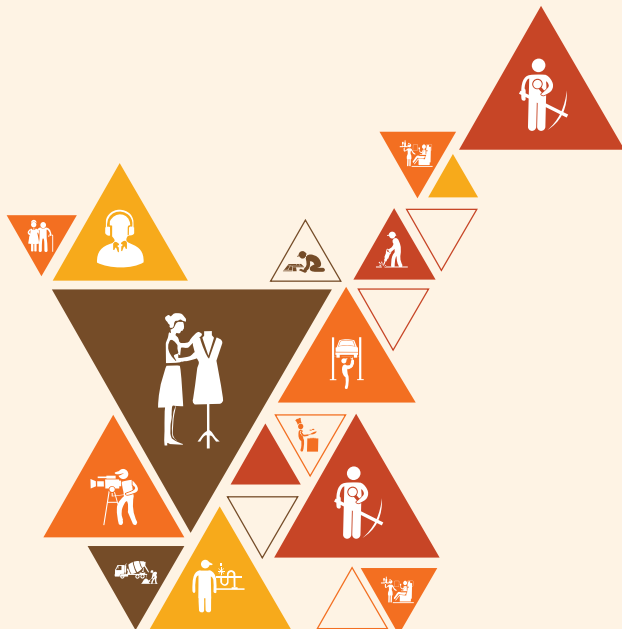
Skill India
कौशल भारत - कुशल भारत



सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



9. Employability Skills



DGT/VSQ/N0102

Employability Skills is available at the following location



<https://www.skillindiadigital.gov.in/content/list>

Employability Skills



Skill India
कौशल भारत - कुशल भारत



सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP

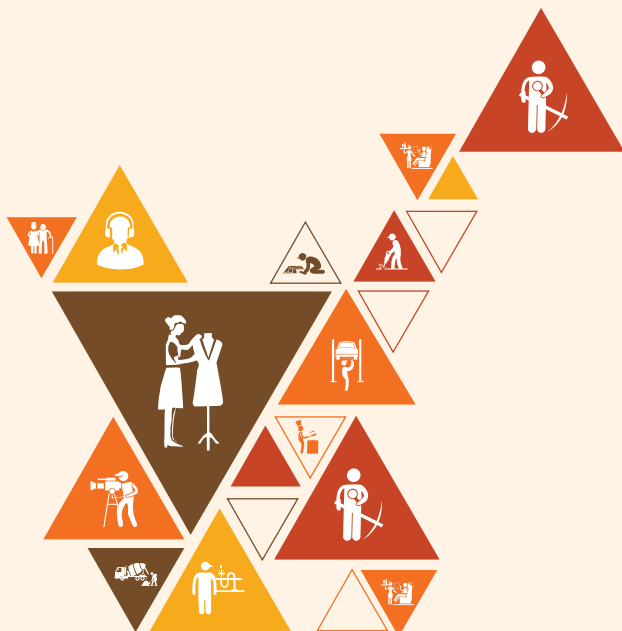


10. Annexures

Annexure I: Training Delivery Plan

Annexure II: Assessment Criteria

Annexure III: List of QR Codes Used in PHB



Annexure I

Training Delivery Plan

Training Delivery Plan			
Program Name:	Digital Designer-Apparel Trends		
Qualification Pack Name & Ref. ID	Digital Designer-Apparel Trends & AMH/Q1232		
Version No.	1.0	Version Update Date	07/10/2028
Pre-requisites to Training (if any)	Not Applicable		
Training Outcomes	By the end of this program, the participants will be able to: 1. Introduction to Digital Designer-Apparel Trends 2. Analyse and Classify Garment Defects in Apparel Production 3. Explain conventional and modern quality assurance methodologies used in apparel production. 4. Apply AI-based inspection and data analysis tools to identify defects and monitor process quality. 5. Integrate Digital and AI Tools in Quality Assurance Systems. 6. Develop corrective and preventive action (CAPA) plans integrating digital tools and lean quality systems. 7. Maintain health, safety and security at workplace. 8. Comply with industry, regulatory and organizational requirements. 9. Soft Skills: Bridge Module		

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
1.	Introduction and Orientation to Digital Designer-Apparel Trends (Mapped to Bridge Module)	Overview of the Apparel Industry and the Role of a Digital Designer – Apparel Trends	• Discuss the size and scope of the apparel industry. • Describe various employment opportunities for a 'Digital Designer-Apparel Trends' in the apparel industry. • Explain the roles and responsibilities of a 'Digital Designer-Apparel Trends'. • Describe the apparel production process and the role that the 'Digital Designer-Apparel Trends' plays in the process.	AMH/N1238	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	White / black Board with Marker & Chalk, Duster	3:00 Theory (3:00) Practical (0:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
2.	Analyse Fashion Trends and Consumer Insights	Introduction to Fashion Trend Forecasting	- Identify the basic components of a computer. - Explain the functions of computer hardware and operating systems. - Recognise common computer terminology and peripheral devices.	AMH/N1238	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Tech pack / spec sheet/ trim card/ size chart ,reference garment, made-ups and home furnishing samples,	6:00 Theory (3:00) Practical (3:00)
		Seasonal Colour Forecasts and Material Innovations	- Identify seasonal colour forecast sources. - Identify material and fabric innovation sources.	AMH/N1238 PC1		historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials,	6:00 Theory (3:00) Practical (3:00)
		Consumer Lifestyle Segmentation	- Identify different consumer lifestyle segments. - Classify consumers based on apparel consumption behaviour.	AMH/N1238 PC2		(stickers / colour coded stickers / tags), aql checklist and quality standards,	6:00 Theory (3:00) Practical (3:00)
		Micro and Macro Fashion Trends	- Differentiate between micro and macro fashion trends. - Analyse trend duration and adoption patterns.	AMH/N1238 PC3		basic stationary (pen, pencil, paper), record maintenance sheet & reporting format, dress form (preferably woman, size m), machine tool kit (screw driver, screw etc.), operation bulletin ,garment templates,	6:00 Theory (3:00) Practical (3:00)
		Regional, Cultural and Climatic Influences	- Identify regional and cultural influences on fashion. - Analyse climate-based apparel preferences.	AMH/N1238 PC4		lab dips/ strike off/ pit loom samples, checking table, boxes for storage of assessed pieces,	7:00 Theory (3:00) Practical (4:00)
		Social, Cultural and Environmental Movements	- Explain the impact of social and cultural movements on fashion. - Evaluate environmental influences on apparel demand.	AMH/N1238 PC7			7:00 Theory (3:00) Practical (4:00)
		Digital Trend Research	- Identify digital trend research platforms. - Analyse consumer engagement using digital media.	AMH/N1238 PC5			7:00 Theory (3:00) Practical (4:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Consumer Data Interpretation	- Interpret sales and e-commerce analytics. - Identify consumer preferences from online reviews.	AMH/N1238 PC6		industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread over-lock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc.) ,scale, variety (eg: straight etc., depending on type of garments etc.), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list,	7:00 Theory (3:00) Practical (4:00)
		Trend Analysis Across Apparel Segments	- Identify major apparel market segments. - Categorise fashion trends across apparel categories.	AMH/N1238 PC8			7:00 Theory (3:00) Practical (4:00)
		Sustainability-Driven Fashion Trends	- Identify sustainability-focused fashion trends. - Evaluate commercial feasibility of sustainable fashion.	AMH/N1238 PC9			7:00 Theory (3:00) Practical (4:00)
		Fashion Trend Reports	- Identify the components of a fashion trend report. - Document consolidated trend findings.	AMH/N1238 PC10			8:00 Theory (4:00) Practical (4:00)
		Digital Mood Boards and Presentations	- Create digital visual mood boards. - Present trend insights using digital presentation tools.	AMH/N1238 PC10			8:00 Theory (4:00) Practical (4:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Integrated Fashion Trend Analysis	- Integrate fashion trends with consumer insights. - Summarise seasonal trends for apparel design planning.	AMH/N1238 PC8, PC9, PC10		shrinkage test marker, dexterity test kit, sewing thread(surplus, eg: cotton as per req.),- fabric(surplus, muslin compulsory, other types as per req.) trims and accessories, colour check light box(colour matching cabinet),pan-tone shade card, students notes/ manuals.	8:00 Theory (4:00) Practical (4:00)
3.	Create Digital Concept Boards and Design Directions (AMH/N1239)	Trend Research and Digital Resources	- Identify trend forecasting platforms and digital resources. - Collect seasonal trend data and colour forecasts. - Identify digital sources for fabric references.	AMH/N1239 PC1	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Tech pack / spec sheet/ trim card/ size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),	7:00 Theory (3:00) Practical (4:00)
		Digital Asset Management	- Classify digital design assets. - Organise trend images and design resources. - Maintain digital libraries for easy retrieval.	AMH/N1239 PC3, PC14			7:00 Theory (3:00) Practical (4:00)
		Trend Analysis and Design Direction	- Analyse seasonal fashion trends. - Interpret consumer profiles for design planning. - Develop brand-aligned design directions.	AMH/N1239 PC10			7:00 Theory (3:00) Practical (4:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Digital Mood Board Creation	- Apply digital tools for mood board creation. - Illustrate design concepts digitally. - Create visual compositions for design presentation.	AMH/N1239 PC2, PC5, PC8		record maintenance sheet & reporting format, dress form (preferably woman, size m), machine tool kit (screw driver, screw etc.), operation bulletin, garment templates, lab dips/strike off/pit loom samples, checking table, boxes for storage of assessed pieces, industrial snls sewing machine and stools, industrial dnls sewing machine, 5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms, dust bin, first aid & fire extinguisher,	7:00 Theory (3:00) Practical (4:00)
		Colour, Texture and Visual Design	- Apply colour palettes in digital designs. - Experiment with textures and patterns. - Create balanced visual layouts.	AMH/N1239 PC4, PC7			7:00 Theory (4:00) Practical (3:00)
		Sustainable Design Concepts	- Integrate sustainability into concept boards. - Apply ethical fashion markers. - Develop responsible design presentations.	AMH/N1239 PC6			7:00 Theory (4:00) Practical (3:00)
		Competitor Analysis and Design Differentiation	- Compare proposed designs with competitors. - Identify unique design opportunities. - Evaluate market differentiation.	AMH/N1239 PC9			7:00 Theory (4:00) Practical (3:00)
		Concept Board Evaluation and Presentation	- Evaluate concept board effectiveness. - Sequence digital boards professionally. - Present design decisions with justification.	AMH/N1239 PC11, PC12, PC13			7:00 Theory (4:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Design Collaboration and Production Alignment	- Coordinate with cross-functional teams. - Align design directions with production feasibility. - Support collaborative design planning.	AMH/N1239 PC15		sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, thread(surplus, eg: cotton as per req),fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(-color matching cabinet),pan-tone shade card, students notes/ manuals.	4:00 Theory (2:00) Practical (2:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
4.	Develop Digital Apparel Prototypes and Visualisations	Introduction to 3D Apparel Prototyping	- Identify 3D apparel design software. - Recognise digital resources used for prototyping.	AMH/N1240	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Tech pack / spec sheet/ trim card/ size chart ,reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper),record maintenance sheet & reporting format, dress form(preferably woman, size m),machine tool kit (screw driver, screw etc.),operation bulletin, garment templates, lab dips/ strike off/ pit loom samples, checking table, boxes for storage of assessed pieces,	8:00 Theory (2:00) Practical (6:00)
		Preparing Digital Design Files	- Identify digital files used for prototyping. - Import design files into 3D software. - Prepare digital assets for prototype development.	AMH/N1240 PC1			8:00 Theory (2:00) Practical (6:00)
		Fabric and Garment Construction	- Select digital fabrics and trims. - Simulate garment construction techniques. - Create stitched 3D garment prototypes.	AMH/N1240 PC2, PC3, PC5			8:00 Theory (2:00) Practical (6:00)
		Digital Fit and Drape Evaluation	- Evaluate garment fit digitally. - Assess drape and silhouette. - Test garment performance on different body types.	AMH/N1240 PC4			8:00 Theory (2:00) Practical (6:00)
		Digital Design Variations	- Experiment with colours and prints. - Create multiple digital style variations.	AMH/N1240 PC6, PC9			8:00 Theory (2:00) Practical (6:00)
		Prototype Evaluation	- Compare prototypes with design specifications. - Identify deviations from design requirements.	AMH/N1240 PC7			8:00 Theory (2:00) Practical (6:00)
		Prototype Refinement	- Use typing practice software effectively. - Monitor typing performance and progress. - Improve productivity through regular practice.	AMH/N1240 PC8			8:00 Theory (2:00) Practical (6:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Sustainable Digital Prototyping	- Apply sustainability simulations. - Evaluate sustainable prototype options.	AMH/N1240 PC10		industrial snls sewing machine and stools, industrial dnls sewing machine,5 thread over-lock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc) ,scale, variety (eg: straight etc, depending on type of garments etc), hanger (wood or plastic),previous inspection reports, washing samples, grey scale defect list, shrinkage test marker,	8:00 Theory (3:00) Practical (5:00)
		Functional Performance Testing	- Test garment motion digitally. - Evaluate wearability and functional performance.	AMH/N1240 PC11			8:00 Theory (3:00) Practical (5:00)
		Rendering Digital Prototypes	- Export digital prototypes. - Generate photorealistic prototype presentations.	AMH/N1240 PC12			8:00 Theory (3:00) Practical (5:00)
		Prototype Documentation	- Document prototype specifications. - Prepare production annotations.	AMH/N1240 PC13			8:00 Theory (3:00) Practical (5:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Prototype Archiving	- Archive finalized digital prototypes. - Organise prototypes for future collections.	AMH/N1240 PC14		dexterity test kit, sewing thread(surplus, eg: cotton as per req), fabric(surplus, muslin compulsory, other types as per req) trims and accessories, color check light box(-color matching cabinet), pan-tone shade card, students notes/ manuals.	2:00 Theory (1:00) Practical (1:00)
5.	Collaborate with Cross-Functional Teams for Trend Application	Cross-Functional Team Coordination	- Identify cross-functional teams in apparel design. - Explain team roles and responsibilities. - Recognise the importance of collaboration.	AMH/N1241	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Tech pack / spec sheet/ trim card/ size chart, reference garment, made-ups and home furnishing	6:00 Theory (3:00) Practical (3:00)
		Buyer Briefs and Business Alignment	- Interpret buyer briefs. - Align design directions with business goals. - Understand merchandising inputs.	AMH/N1241 PC1		samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc, defect marking materials, (stickers / colour coded stickers / tags), aql checklist and quality standards, basic stationary (pen, pencil, paper), record maintenance sheet &	6:00 Theory (3:00) Practical (3:00)
		Material Feasibility and Brand Storytelling	- Coordinate with sourcing and production teams. - Validate material feasibility. - Support brand storytelling through collaboration.	AMH/N1241 PC2, PC3			6:00 Theory (3:00) Practical (3:00)
		Competitor Analysis and Market Differentiation	- Compare designs with competitor collections. - Identify opportunities for market differentiation.	AMH/N1241 PC4			6:00 Theory (3:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Design Feasibility Assessment	- Assess production feasibility. - Evaluate cost and lead time. - Analyse resource availability.	AMH/N1241 PC5		reporting format, dress form(preferably woman, size m), machine	7:00 Theory (3:00) Practical (4:00)
		Feedback Management and Design Refinement	- Consolidate stakeholder feedback. - Refine digital designs. - Maintain trend relevance during revisions.	AMH/N1241 PC6, PC9		tool kit (screw driver, screw etc.), operation bulletin, garment templates,	7:00 Theory (3:00) Practical (4:00)
		Design Evaluation and Communication	- Present design decisions effectively. - Justify designs using trend insights. - Communicate consumer-focused design choices.	AMH/N1241 PC7		lab dips/ strike off/ pit loom samples, checking table, boxes for storage of assessed	7:00 Theory (3:00) Practical (4:00)
		Collaborative Presentations	- Create collaborative design presentations. - Organise presentation content for team reviews.	AMH/N1241 PC8		pieces, industrial snls sewing machine and stools, industrial dnls sewing machine, 5 thread overlock sewing machine and stools, flatlock machine or other specialized sewing machines and stools, teacher's chair & table, trainees stools, students chairs with table arms ,dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer,	7:00 Theory (3:00) Practical (4:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Documentation and Approval Management	- Document design changes. - Record meeting discussions. - Maintain approval records for future reference.	AMH/N1241 PC10		projector / lcd, scissors stationary set (note book, eraser, pencil etc.), scale, variety (eg: straight etc., depending on type of garments etc.), hanger (wood or plastic), previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread (surplus, eg: cotton as per req.), fabric (surplus, muslin compulsory, other types as per req.) trims and accessories, colour check light box (colour matching cabinet), pan-tone shade card, students notes/ manuals.	8:00 Theory (3:00) Practical (5:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
6.	Finalise and Present Trend-Aligned Digital Collections	Trend-Aligned Collection Planning	- Explain trend alignment in apparel collections. - Interpret buyer briefs and range plans. - Align collections with brand identity.	AMH/N1242	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Tech pack / spec sheet/ trim card/ size chart, reference garment, made-ups and home furnishing samples, historic data on previous styles, bobbin, bobbin case, sewing needles, pins etc., defect marking materials, (stickers / colour coded stickers /tags), aql checklist and quality standards, basic stationary (pen, pencil, paper), record maintenance sheet & reporting format, dress form (preferably woman, size m), machine tool kit (screw driver, screw etc.), operation bulletin, garment templates, lab dips/ strike off/ pit loom samples, industrial dnl's sewing machine, 5 thread overlock sewing machine	4:00 Theory (2:00) Practical (2:00)
		Collection Compilation	- Compile approved digital design assets. - Organise concept boards and prototypes. - Create cohesive digital collections.	AMH/N1242 PC1			7:00 Theory (3:00) Practical (4:00)
		Collection Organisation	- Sequence digital garment designs. - Maintain visual consistency across collections. - Develop balanced collection flow.	AMH/N1242 PC2			7:00 Theory (3:00) Practical (4:00)
		Digital Line Sheets and Collection Evaluation	- Prepare digital line sheets. - Evaluate collection balance and consumer appeal. - Assess commercial viability.	AMH/N1242 PC3, PC4			7:00 Theory (3:00) Practical (4:00)
		Sustainable Collection Documentation	- Verify sustainability information. - Document sustainability claims accurately.	AMH/N1242 PC5			7:00 Theory (3:00) Practical (4:00)
		Digital Collection Presentations	- Prepare digital presentation materials. - Create presentations for different stakeholders. - Apply effective presentation techniques.	AMH/N1242 PC6			7:00 Theory (4:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Collection Evaluation and Brand Positioning	- Evaluate design choices using trend insights. - Analyse consumer data for collection improvement. - Assess brand positioning.	AMH/N1242 PC7		and stools, flatlock machine or other specialized sewing machines and stools,	7:00 Theory (4:00) Practical (3:00)
		Collection Handover and Presentation	- Finalise technical collection details. - Coordinate collection handover. - Present final collections professionally.	AMH/N1242 PC8, PC9		teacher's chair & table, trainees stools, students chairs with table arms, dust bin, first aid & fire extinguisher, sewing kit(measuring tape, trimmer, projector / lcd, scissors stationary set (note book, eraser, pencil etc.), scale, variety (eg: straight etc., depending on type of garments etc.), hanger (wood or plastic), previous inspection reports, washing samples, grey scale defect list, shrinkage test marker, dexterity test kit, sewing thread(surplus,	7:00 Theory (4:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Digital Asset Archiving	- Archive digital collection assets. - Organise files for future reference. - Maintain collection records.	AMH/N1242 PC10		eg: cotton as per req.), fabric(surplus, muslin compulsory, other types as per req.) trims and accessories, colour check light box(colour matching cabinet), pan-tone shade card, students notes/ manuals.	7:00 Theory (4:00) Practical (3:00)
7.	Promote and Sustain Safety, Health, and Security in the Workplace, while Fostering Gender and Persons with Disabilities (PwD) Sensitisation	Workplace Safety, Health and Inclusivity	- Explain workplace health and safety practices. - Follow gender and PwD guidelines at work. - Develop safe work habits and personal hygiene.	MAMH/N0620 PC1, PC3	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	White/ BlackBoard+ Marker/ Chalk +Duster Computer With Computer Table And Chair and	6:00 Theory (3:00) Practical (3:00)
		Safe Equipment Handling and Workplace Inspection	- Handle tools and equipment safely. - Maintain equipment as per workplace procedures. - Inspect work areas for safe operations.	MAMH/N0620 PC4		peripherals, pattern making software, marker making software, Digitizer, Cello tape,	6:00 Theory (3:00) Practical (3:00)
		Emergency Preparedness and Response	- Identify workplace hazards and emergencies. - Participate in mock drills and evacuation procedures. - Perform basic emergency response activities.	MAMH/N0620 PC2, PC5		Plotter, Plotter paper, Plotter pen, Plotter ink, Scanning equipment, Style sheet (provided by buyer), measurement chart / Grading chart (mentioned in BOM), Garment, madeups and home furnishing Sample,	6:00 Theory (3:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Risk Reporting and Workplace Documentation	- Identify workplace risks and hazards. - Report safety concerns and equipment defects. - Maintain safety and workplace records.	MAMH/ N0620 PC6		Production & Ready Pattern, Types Of Scales, normal straight big ruler, hip curve, leg curve, L Scale, french curve, "measurement Ruler (inches on one side and millimeters on the other, side made of Plastic, Acrylic metal)", measuring tape Basic stationary, Pattern Making Paper. Tracing paper, Pattern plastic roll (used to create long lasting, durable, and flexible patterns), First aid box, Kraft Underlay Paper (qnt may vary), Kraft Pattern Paper (used to prepare initial pattern, qnt may vary), Dotted marking paper (qnt may vary),	6:00 Theory (3:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
		Quality, Sustainability and Safe Work Environment	- Prevent contamination and maintain product quality. - Apply waste reduction and sustainable practices. - Maintain housekeeping for a safe workplace.	MAMH/ N0620 PC1, PC4, PC6		Push pins, shears. Scissors Fabric Cutting, Pattern hooks (The quantity may vary as per requirement), Pattern Notchers / Notch Cutters Pattern Punches (The quantity may vary) underarm sleeve rules Student's Chair With Table Arm, Pattern Table, cutting table, Stool, Students Notes, dustbin, Samples(garments, made ups and home furnishing),- Fire Extinguisher.	6:00 Theory (3:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
8.	Adhere to Industry, Regulatory, and Organisational Standards and Embrace Environmentally Sustainable Practices	Professional Conduct and Organisational Compliance	- Explain professional workplace behaviour. - Follow organisational policies and legal requirements. - Perform duties within assigned responsibilities.	AMH/N0621 PC1, PC2	Group discussion, Practical Demonstration, Lecture, PowerPoint Presentation, Quiz	Documents related to the subject, Computer with peripherals, Basic Stationery	6:00 Theory (3:00) Practical (3:00)
		Sustainable Workplace Practices	- Apply environmentally sustainable work practices. - Promote resource conservation at the workplace. - Support organisational green initiatives.	AMH/N0621 PC3, PC4			6:00 Theory (3:00) Practical (3:00)
		Workplace Maintenance and Hazard Reporting	- Perform routine workplace maintenance. - Use appropriate cleaning methods. - Report unsafe conditions promptly.	AMH/N0621 PC5, PC6, PC7			6:00 Theory (3:00) Practical (3:00)
		Digital System and Data Management	- Maintain digital design records. - Manage software and system requirements. - Organise digital files for future use.	AMH/N0621 PC8, PC9			6:00 Theory (3:00) Practical (3:00)
		Resource Management and Workplace Responsibility	- Optimise resource utilisation. - Practice responsible waste management. - Support sustainable organisational performance.	AMH/N0621 PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9			6:00 Theory (3:00) Practical (3:00)

SL	Module Name	Session name	Session Objectives	NOS	Methodology	Training Tools/Aids	Duration (hours)
Total Duration							Theory: 186:00 Practical: 234:00
Employability Skills (DGT/VSQ/N0102) https://www.skillindiadigital.gov.in/content/list							60:00
On-the-Job Training (Mandatory) -OJT							90:00
Total							Theory + Practical + ES + OJT = 570:00

Annexure II

Assessment Criteria

CRITERIA FOR ASSESSMENT OF TRAINEES

Assessment Criteria for Digital Designer-Apparel Trends	
Job Role	Digital Designer-Apparel Trends
Qualification Pack	AMH/Q0104, V1.0
Sector Skill Council	Apparel

S. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2	The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3	Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
4	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6	To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
7	In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Assessment Outcomes	Assessment Criteria for Outcomes	Marks Allocation		
		Theory	Practical	Viva
AMH/N1238: Analyze Fashion Trends and Consumer Insights	PC 1. Identify seasonal colour forecasts and material innovations by researching sources.	3	3	7
	PC 2. Classify consumer lifestyle segments (youth, professionals, luxury buyers, eco-conscious) based on market research and apparel consumption patterns.	3	4	8
	PC 3. Analyze between micro-trends (fast-changing) and macro-trends (long-lasting) by evaluating frequency, duration, and adoption rate.	3	4	8
	PC 4. Analyze local cultural influences (festivals, climate, regional styles) with global fashion trends to assess relevance for target markets.	3	4	8
	PC 5. Analyze digital media platforms to extract emerging trend signals and consumer engagement data.	2	4	7
	PC 6. Interpret sales data, online reviews, and e-commerce analytics to derive consumer preferences in silhouettes, fabrics, and pricing.	3	5	9
	PC 7. Evaluate the impact of social, cultural, and environmental movements (gender neutrality, body positivity, sustainability) on apparel demand.	2	2	5

	PC 8. Categorize trends across apparel segments such as womenswear, menswear, activewear, and kids wear, ensuring alignment with demographic needs.	3	4	8
	PC 9. Evaluate sustainability-driven fashion directions (organic fabrics, upcycling, slow fashion) for commercial feasibility and consumer acceptance.	1	3	5
	PC 10. Document consolidated trend reports and present visual mood boards highlighting key colours, fabrics, silhouettes, and consumer insights.	2	2	5
	Total Marks	25	35	70
AMH/N1239: Create Digital Concept Boards and Design Directions	PC 1. Collect relevant trend data, colour forecasts, and fabric swatches from digital platforms for inclusion in design boards.	2	4	7
	PC 2. Apply digital tools appropriate for creating mood boards and visual compositions.	2	5	8
	PC 3. Organize and maintain structured digital libraries of trend images, fabrics, and trims for easy retrieval.	2	4	7
	PC 4. Analyze and digitally apply colour palettes, textures, and patterns by experimenting with trend elements.	2	3	6
	PC 5. Develop digital concept boards that visually communicate design directions, including theme, silhouette, and fabric references.	2	4	7
	PC 6. Integrate sustainability and ethical fashion markers into digital boards to align with responsible fashion practices.	2	2	4
	PC 7. Refine digital layouts by applying principles of visual hierarchy, balance, and storytelling.	1	2	3
	PC 8. Illustrate garment design ideas digitally to strengthen design narratives.	1	2	4
	PC 9. Compare proposed design directions with competitor products to establish clear differentiation.	2	3	5
	PC 10. Synthesize trend insights with consumer profiles to ensure design boards reflect brand positioning.	2	3	6
	PC 11. Sequence digital boards logically to ensure professional flow.	1	3	5
	PC 12. Evaluate concept boards for balance across silhouettes, price points, and consumer appeal.	3	3	7
	PC 13. Present finalized digital concept boards to stakeholders with clear justification of design decisions.	2	4	7
	PC 14. Archive and catalogue finalized digital concept boards systematically for future seasonal references.	2	4	7
	PC 15. Collaborate with cross-functional teams to align design directions with production feasibility.	2	4	7
	Total Marks	28	50	90
AMH/N1240: Develop Digital Apparel Prototypes and Visualizations	PC 1. Import and prepare digital design sketches, CAD patterns, or vector files into 3D apparel software for prototyping.	3	4	8
	PC 2. Select and map fabric textures, trims, and embellishments from digital libraries to simulate accurate garment properties.	3	4	8
	PC 3. Digitally stitch 2D garment patterns to create 3D prototypes while ensuring alignment with technical specs.	3	4	8
	PC 4. Apply digital fitting tools to evaluate garment drape, stretch, and silhouette across different body sizes and postures.	2	3	6

	PC 5. Simulate garment construction techniques in the virtual environment.	3	3	6.5
	PC 6. Experiment with colourways, prints, and surface design digitally to create market-ready variations.	4	3	8
	PC 7. Compare digital prototypes against original design directions and tech packs to identify deviations.	4	4	9
	PC 8. Refine garment elements in the prototype based on feedback or revisions.	4	4	9
	PC 9. Generate multiple style variations and visual presentations for buyer or stakeholder evaluation.	3	4	7.5
	PC 10. Apply sustainability simulations during prototyping.	2	5	7.5
	PC 11. Test motion and wearability digitally to evaluate functional performance.	2	4	6.5
	PC 12. Export and render final prototypes with photorealistic quality for presentations and e-commerce platforms.	2	3	5
	PC 13. Document digital prototype specifications with detailed annotations for production teams.	3	2	5
	PC 14. Archive finalized digital prototypes systematically for reuse in future collections.	2	3	6
	Total Marks	40	50	100
AMH/N1241: Collaborate with Cross-Functional Teams for Trend Application	PC 1. Interpret buyer briefs and merchandising inputs to align digital design directions with business goals.	3	4	8
	PC 2. Discuss design proposals with sourcing and production teams to validate material feasibility.	2	3	5.5
	PC 3. Coordinate with marketing teams to ensure design boards support brand storytelling.	2	3	5
	PC 4. Conduct comparative analysis of proposed design directions against competitor collections to ensure uniqueness and differentiation.	3	2	6
	PC 5. Negotiate design feasibility with production teams considering cost, lead time, and resources.	2	3	6
	PC 6. Consolidate feedback from design, QA, merchandising, and buyers to refine digital designs.	3	3	6.5
	PC 7. Evaluate design decisions to stakeholders using trend data and consumer insights.	2	3	5
	PC 8. Create collaborative presentations for team reviews.	2	3	5.5
	PC 9. Adapt designs based on stakeholder feedback while maintaining trend relevance.	2	3	5.5
	PC 10. Document meeting notes, design changes, and approvals for reference in future collections.	3	3	7
	Total Marks	24	30	60
AMH/N1242: Finalize and Present Trend-Aligned Digital Collections	PC 1. Compile all approved digital prototypes, mood boards, and concept directions into a cohesive collection.	2	3	6
	PC 2. Organize and sequence digital garment designs, to establish a cohesive and visually balanced collection flow.	2	3	6
	PC 3. Design digital line sheets including flats, fabric details, and colourways for buyers.	2	3	5
	PC 4. Evaluate the digital collection for balance across silhouettes, price points, and consumer appeal to ensure market relevance and commercial viability.	4	2	7

	PC 5. Ensure sustainability claims are accurately represented in final collection documents.	1	2	4
	PC 6. Prepare digital presentations for internal and external stakeholders.	2	2	4
	PC 7. Evaluate design choices using consumer data, trend analysis, and brand positioning.	2	2	5
	PC 8. Finalize technical details with production and merchandising teams for collection handover.	1	2	4
	PC 9. Present final digital collection to stakeholders and potential buyers with clarity and professionalism.	2	2	4
	PC 10. Archive digital assets for future collection reference.	3	2	5
	Total Marks	21	23	50
AMH/N0620: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization	Identify process hazards, follow medical emergency and evacuation guidelines, and promote gender and PwD sensitivity.	22	12	6
	PC1. Demonstrate strict adherence to health, safety, gender, and PwD (People with Disability) guidelines governing the workplace environment.	4	2	1
	PC2. Engage actively in mock drills, evacuation exercises, and group discussions pertaining to workplace safety and security protocols.	4	2	1
	PC3. Participate in advanced training and sensitization programs focused on gender equality and PwD awareness, facilitating a more inclusive workplace environment.	4	2	1
	PC4. Execute proper handling and maintenance of materials and equipment in accordance with established protocols and standards.	3	2	1
	PC5. Exhibit proficiency in performing first-aid, firefighting, and other emergency response procedures, promptly adhering to organizational shutdown and evacuation protocols when necessary.	4	2	1
	PC6. Monitor workplace conditions, identify risks, report promptly, ensure safety, including for individuals with disabilities, and uphold gender equality principles.	3	2	1
	NOS Total	22	12	6
AMH/N0621: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices	Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices	20	10	10
	PC1. Execute job responsibilities according to organizational standards, with a strong emphasis on eco-friendly solutions, while strictly adhering to established procedures, policies, and legal regulations.	2	1	1
	PC2. Implement and uphold organizational policies and procedures, integrating sustainable consumption practices into daily operations.	2	1	1
	PC3. Actively engage in enhancing organizational performance by driving the transition towards environmentally friendly processes and practices.	2	1	1
	PC4. Safely handle materials, equipment, computers, and software to maintain a clean and hazard-free work environment, actively supporting the adoption of eco-friendly practices throughout the workplace.	3	2	2
	PC5. Perform routine maintenance and cleaning tasks within assigned duties and agreed-upon schedules, effectively managing any interruptions to workflow.	3	1	1
	PC6. Immediately report any instances of unsafe equipment or hazardous incidents to the appropriate personnel to ensure swift resolution and mitigate risks.	2	1	1

	PC7. Utilize appropriate cleaning equipment and techniques tailored to specific tasks, promoting efficiency and sustainability in workplace maintenance.	2	1	1
	PC8. Proactively request system or software upgrades as necessary to optimize work efficiency, while also maintaining backup files to ensure data integrity and security when using various design software.	2	1	1
	PC9. Maintain digital copies of design work in organized files for future reference, ensuring accessibility and preservation of valuable project assets.	2	1	1
	NOS Total	20	10	10
DGT/VSQ/N0102: Employability Skills (60 Hours)	Introduction to Employability Skills	1	1	-
	PC1. identify employability skills required for jobs in various industries	-	-	-
	PC2. identify and explore learning and employability portals	-	-	-
	Constitutional values – Citizenship	1	1	-
	PC3. recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.	-	-	-
	PC4. follow environmentally sustainable practices	-	-	-
	Becoming a Professional in the 21st Century	2	4	-
	PC5. recognize the significance of 21st Century Skills for employment	-	-	-
	PC6. practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life	-	-	-
	Basic English Skills	2	3	-
	PC7. use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-
	PC8. read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-
	PC9. write short messages, notes, letters, e-mails etc. in English	-	-	-
	Career Development & Goal Setting	1	2	-
	PC10. understand the difference between job and career	-	-	-
	PC11. prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-
	Communication Skills	2	2	-
	PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-
	PC13. work collaboratively with others in a team	-	-	-
	Diversity & Inclusion	1	2	-
	PC14. communicate and behave appropriately with all genders and PwD	-	-	-
	PC15. escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-
	Financial and Legal Literacy	2	3	-
	PC16. select financial institutions, products and services as per requirement	-	-	-

PC17. carry out offline and online financial transactions, safely and securely	-	-	-
PC18. identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-
PC19. identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-
Essential Digital Skills	3	4	-
PC20. operate digital devices and carry out basic internet operations securely and safely	-	-	-
PC21. use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-
PC22. use basic features of word processor, spreadsheets, and presentations	-	-	-
Entrepreneurship	2	3	-
PC23. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential business through research	-	-	-
PC24. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-
PC25. identify sources of funding, anticipate, and mitigate any financial/legal hurdles for the potential business opportunity	-	-	-
Customer Service	1	2	-
PC26. identify different types of customers	-	-	-
PC27. identify and respond to customer requests and needs in a professional manner.	-	-	-
PC28. follow appropriate hygiene and grooming standards	-	-	-
Getting ready for apprenticeship & Jobs	2	3	-
PC29. create a professional Curriculum vitae (Résumé)	-	-	-
PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-
PC31. apply to identified job openings using offline/online methods as per requirement	-	-	-
PC32. answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-
PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-
NOS Total	20	30	-

Annexure III

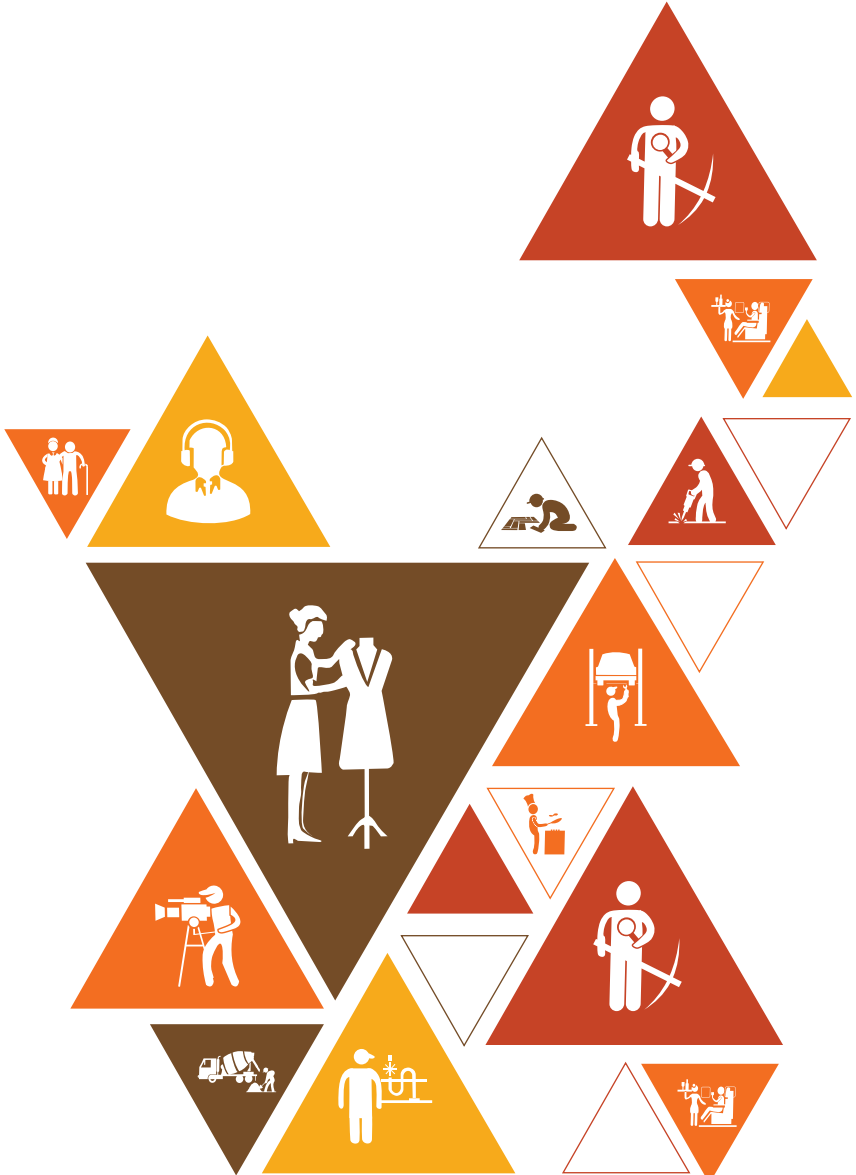
List of QR Codes Used in PHB

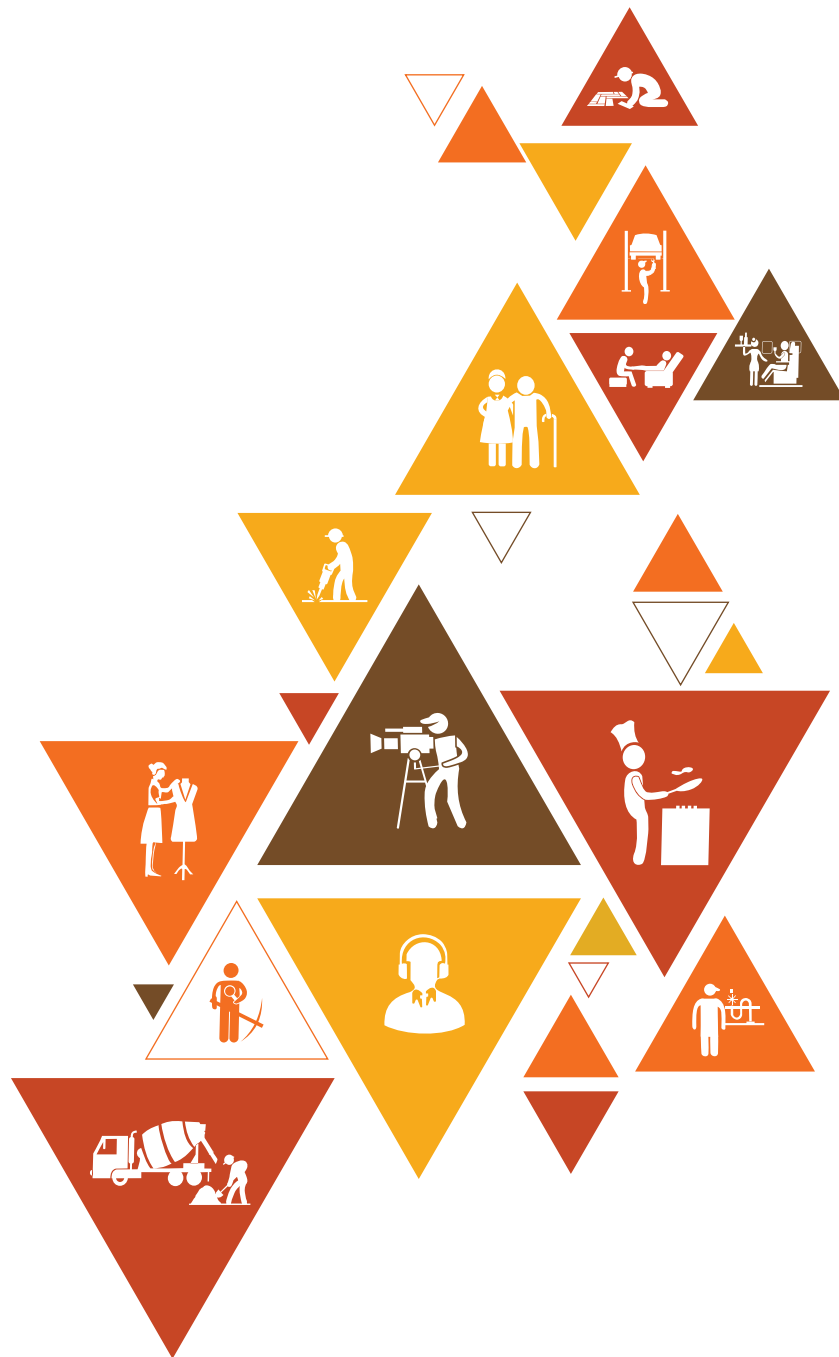
Module No.	Unit No.	Topic Name	Page No. in PHB	Link for QR Code (s)	QR code (s)
Module 1: Introduction and Orientation to Digital Designer-Apparel Trends (Bridge Module)	Unit 1.1: Overview of the Apparel Industry and the Role of a Digital Designer – Apparel Trends	1.1.1 Size and Scope of the Apparel Industry	14	https://youtu.be/-ddisteV3tOo-?si=B27Ph-DyLqbjT52s	 Textile Sector in India
		1.1.2 Roles and Responsibilities of a Digital Designer - Apparel Trends	14	https://youtu.be/-O936nID-QrVw-?si=oTlYrZw4vcVglo9b	 What is Digital Fashion?
Module 2: Analyse Fashion Trends and Consumer Insights (AMH/ N1238)	Unit 2.1: Fashion Trend Forecasting and Consumer Insights	2.1.1 Major Sources of Seasonal Colour Forecasts, Silhouettes, and Fabric/Material Innovations	46	https://youtu.be/-kAQebEIg-Dy0-?si=pl1YSWE3S-O1uvAtA	 10 Types of Silhouettes
		2.1.2 Characteristics of Various Consumer Lifestyle Segments	46	https://youtu.be/-MGN-HqZDreM-?si=kqlqD3jp-Odl-2GX-1	 CONSUMER SEGMENTATION Overview of Fashion
Module 3: Create Digital Concept Boards and Design Directions (AMH/ N1239)	Unit 3.1: Fashion Trend Research and Design Planning	3.1.4 Application of Sustainability, Ethical Sourcing, and Circular Fashion Indicators	74	https://youtu.be/-3ZL6hZb-vPXY-?si=P6VGS__mPkNOgALI	 WIP Management and Lean Principles

Module No.	Unit No.	Topic Name	Page No. in PHB	Link for QR Code (s)	QR code (s)
Module 4: Develop Digital Apparel Prototypes and Visualisations (AMH/N1240)	Unit 3.2: Digital Concept Board Design and Presentation		74	https://youtu.be/-iPaRd-P2S6ms-?si=iMg-PefLRNRFo-imk	 Step By Step Guide Color Season Analysis
	3.2.3 Trend Data, Colour Palettes, Fabric Swatches, and Trims	3.2.8 Creation of Digital Layouts	74	https://youtu.be/-POQP3lx-Ov3Q-?si=Jt8oIIYw-ff31KEYZ	 Taking Fashion Storyboard Digital - Storyboard Basics & Updates
	Unit 4.1: 3D Apparel Prototyping and Digital Evaluation	4.1.1 Key Digital Tools, Software, and Resources for 3D Apparel Prototyping	93	https://youtu.be/-KqmKW-mcZXmU-?si=NC7hTIMb2J5HE-yTP	 3D Apparel Prototyping with CLO
		4.1.2 Process of Converting 2D Design Sketches, CAD Patterns, Vector Files, and Tech Packs	93	https://youtu.be/-wE6b4A4pT-LA-?si=yCCVA_ku2fb-qcpm	 The EASIEST way to draw Flat Sketches on Adobe Illustrator

Module No.	Unit No.	Topic Name	Page No. in PHB	Link for QR Code (s)	QR code (s)
Module 5: Collaborate with Cross-Functional Teams for Trend Application (AMH/N1241)	Unit 5.1: Collaborative Apparel Design and Project Coordination	5.1.7 Process of Conducting Comparative Analysis	112	https://youtu.be/-W7XC-dowLMGo-?si=eswzOvn-lk-cBRqEir	 Environment project - Comparative analysis
Module 6: Finalise and Present Trend-Aligned Digital Collections (AMH/N1242)	Unit 6.1: Digital Apparel Collection Development and Presentation	6.1.7 Application of Digital Visualisation Tools	134	https://youtu.be/-Eb-4wLCwEu9s-?si=Ju8C-cRwr-SevQqoiD	 Digitalization in the fashion industry
Module 7: Promote and Sustain Safety, Health, and Security in the Workplace, while Fostering Gender and Persons with Disabilities (PwD) Sensitisation (MAMH/N0620)	Unit 7.1: Workplace Safety and Compliance	7.1.3 Workplace Hazard Emergency Management	188	https://youtu.be/-nUp-FOxVlfDo-?si=yU3kZA-uozlPZY5i	 Workplace Safety Training
	Unit 7.3: Quality Environment and Sustainability	7.3.1 Contamination Effects on Garment Quality	188	https://youtu.be/-PbLEcX-JCWx4-?si=H4IEgfsISz-z32Ugb	 Garments Defects Analysis
		7.3.2 Waste Reduction and Material Reuse	188	https://youtu.be/-nuqa-WMdFiY-?si=DW1P7K1J-seZ_JI_	 How Millions of Tons of Textile Waste Are Recycled

Module No.	Unit No.	Topic Name	Page No. in PHB	Link for QR Code (s)	QR code (s)
Module 8: Adhere to Industry, Regulatory, and Organisational Standards and Embrace Environmentally Sustainable Practices (AMH/N0621)	Unit 8.1: Professional Conduct and Workplace Compliance	8.1.3 Values, Ethics, and Accountability, and Working Within As-signed Responsibilities	214	https://youtu.be/-Ql-BIKXnjdTM-?si=PPNf8KH-1Qn-5nD8d8	 Ethics in the Workplace
	Unit 8.2: Legal Compliance, Sustainable Resource and Waste Management	8.2.3 Green Jobs Sustainable Workplace Practices	214	https://youtu.be/-6f3R4c9_q08-?si=Orj0rJxS-1afHIqd4	 The Ultimate Guide: Green Office Best Practices







Skill India
कौशल भारत - कुशल भारत



सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP



**APPAREL MADE-UPS HOME FURNISHING
SECTOR SKILL COUNCIL**

Address: Apparel Made-ups & Home Furnishing Sector Skill Council

Flat No. A-312 to A-323, 3rd Floor, Somdatt Chamber-1,
Bhikaji Cama Place, Africa Avenue, New Delhi-110066

Email: info@sscamh.com

Web: www.sscamh.com