



Model Curriculum

QP Name: Apparel Ecopreneur

QP Code: AMH/Q1949

QP Version: 1.0

NSQF Level: 5

Model Curriculum Version: 1.0

Apparel, Made-ups & Home furnishing Sector Skill Council | Flat No. A312 To A323, Third Floor Somdatt Chamber
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Training Parameters

Sector	Apparels
Sub-Sector	Apparel, Made-Ups & Home Furnishing
Occupation	Boutique Operations
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/NIL
Minimum Educational Qualification and Experience	- Completed 2nd year of diploma (after 12th) with no experience OR 12th Grade Pass or equivalent with 3-year relevant experience in fashion designing OR 3 year Diploma after 10th grade with 1.5-year relevant experience in fashion designing OR - Previous relevant Qualification of NSQF Level 4 with 3-year relevant experience in fashion designing
Pre-Requisite License or Training	NA
Minimum Job Entry Age	20 Years
Last Reviewed On	22-07-2026
Next Review Date	22-07-2029
NSQC Approval Date	22-07-2026
QP Version	1.0
Model Curriculum Creation Date	01-06-2026
Model Curriculum Valid Up to Date	22-07-2029
Model Curriculum Version	1.0
Minimum Duration of the Course	510
Maximum Duration of the Course	510

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Identify key concepts, materials, and standards related to sustainable fashion and eco-conscious apparel ventures.
- Explain sustainability principles, circular economy practices, and ethical production concepts in the apparel industry.
- Implement sustainable apparel production methods and eco-friendly business operations in a real or simulated environment.
- Examine successful sustainable fashion enterprises to identify effective strategies for production, branding, and growth.
- Assess the impact of sustainability initiatives and marketing strategies on environmental performance and consumer perception.
- Develop a sustainable apparel business model integrating eco-friendly design, branding, marketing, and operational strategies.

Compulsory Modules

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
AMH/N1955: Identify Sustainable Apparel Business Opportunities NOS Version- 1.0 NSQF Level- 5	30.00	30.00	0.00	0.00	60.00
Module Name 1: Introduction (Bridge Module)	3.00	0.00	0.00	0.00	3.00
Module Name 2: Identify Sustainable Apparel Business Opportunities	27.00	30.00	0.00	0.00	57.00
AMH/N1956: Source and Select Sustainable Raw Materials NOS Version- 1.0 NSQF Level- 5	15.00	15.00	00.00	0.00	30.00
Module Name 3: Source and Select Sustainable Raw Materials	15.00	15.00	00.00	0.00	30.00

AMH/N1957: Design and Develop Sustainable Apparel Products NOS Version- 1.0 NSQF Level- 5	36.00	84.00	00.00	0.00	120.00
Module Name 4: Design and Develop Sustainable Apparel Products	36.00	84.00	00.00	0.00	120.00
AMH/N1958: Manage Sustainable Apparel Production Process NOS Version- 1.0 NSQF Level- 5	15.00	45.00	30.00	0.00	90.00
Module Name 5: Manage Sustainable Apparel Production Process	15.00	45.00	30.00	0.00	90.0
AMH/N1959: Apply Waste Reduction and Circular Production Techniques NOS Version- 1.0 NSQF Level- 5	15.00	15.00	30.00	0.00	60.00
Module Name 6: Apply Waste Reduction and Circular Production Techniques	15.00	15.00	30.00	0.00	60.00
AMH/N1960: Conduct Quality Assurance and Compliance for Eco-Apparel NOS Version- 1.0 NSQF Level- 5	15.00	15.00	00.00	0.00	30.00
Module Name 7: Conduct Quality Assurance and Compliance for Eco-Apparel	15.00	15.00	00.00	0.00	30.00
AMH/N0620: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization NOS Version- 1.0 NSQF Level- 5	15.00	15.00	0.00	0.00	30.00
Module Name 8: Maintain health, safety and secure work place with Gender and PwD Sensitization	15.00	15.00	0.00	0.00	30.00
AMH/N0621: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices NOS Version- 1.0 NSQF Level- 5	15.00	15.00	0.00	0.00	30.00
Module Name 9: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices	15.00	15.00	0.00	0.00	30.00
DGT/VSQ/N0102: Employability Skills NOS Version- 1.0 NSQF Level- 4	24.00	36.00	0.00	0.00	60.00
Module Name 10: Employability Skills	24.00	36.00	0.00	0.00	60.00
Total Duration	180.00	270.00	60.00	0.00	510.00

Module Details

Module Name 1: Introduction and Orientation to Apparel Ecopreneur Mapped to Bridge Module

Terminal Outcomes:

- Identify key concepts, terminologies, and global trends related to sustainable fashion and eco-entrepreneurship.
- Explain the role and importance of an Apparel Ecopreneur in promoting sustainable business practices within the apparel industry.
- Demonstrate understanding of the apparel value chain and identify opportunities for integrating eco-friendly and circular practices.
- Examine different sustainable business models and assess their impact on profitability, community, and the environment.
- Assess the scope, challenges, and advantages of launching a sustainable apparel venture in the current market context.
- Formulate a preliminary eco-conscious business idea aligning with sustainability principles and industry best practices.

Duration: <03:00>	Duration: <00:00>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Describe the size and scope of the apparel industry. • Describe various employment opportunities for a 'Apparel Ecopreneur' in the apparel industry. • Explain roles and responsibilities of a 'Apparel Ecopreneur'. • Describe the apparel production process and the role that the 'Apparel Ecopreneur' plays in the process.	
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
training kit (trainer guide, presentations)	
Computer and computer peripherals (optional), white/black board, marker, duster	

Module Name 2: Identify Sustainable Apparel Business Opportunities Mapped to AMH/N1955 (version 1.0)

Terminal Outcomes:

- Identify market trends, consumer preferences, and sustainability-driven innovations in the apparel sector.
- Explain factors influencing sustainable business opportunities such as resource efficiency, ethical sourcing, and green consumerism.
- Conduct basic market and competitor analysis to identify gaps and opportunities for sustainable apparel ventures.
- Evaluate feasibility and profitability of potential eco-friendly business ideas within the apparel value chain.
- Assess risks, resource requirements, and environmental impacts associated with proposed sustainable business opportunities.
- Develop a business opportunity proposal outlining eco-conscious strategies and potential market positioning.

<i>Duration: 27:00</i>	<i>Duration: 30:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Recognize and list various sustainable apparel product categories and materials. • Explain the difference between conventional and eco-friendly production models in apparel manufacturing. • Investigate and interpret global and domestic eco-fashion trends, consumer demand, and emerging market potential. • Assess feasibility of introducing sustainable products with respect to raw material availability, technology, and cost implications.	• Analyze gaps in existing sustainable apparel manufacturing processes and identify potential areas for innovation. • Create opportunity maps or concept notes for sustainable apparel or eco-fashion ventures. • Develop and document findings in a structured feasibility report highlighting potential eco-product opportunities.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Unique Equipment Required: White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, 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, 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 or 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),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.	

Module Name 3: Source and Select Sustainable Raw Materials

Mapped to AMH/N1956 (version 1.0)

Terminal Outcomes:

- Identify various categories of sustainable raw materials used in apparel manufacturing.
- Explain the characteristics, certifications, and sustainability standards applicable to eco-friendly materials.
- Demonstrate the ability to source sustainable fabrics and trims from certified suppliers and marketplaces.
- Compare quality, cost, and environmental impact of conventional vs. sustainable raw materials.
- Assess supplier credibility, ethical sourcing practices, and material traceability before procurement.
- Develop a sustainable sourcing plan or supplier database aligning with the enterprise's eco-conscious goals.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Identify categories of eco-friendly textiles, fibers, and sustainable raw materials from global databases. • Explain environmental footprints and sustainability parameters differentiating conventional and eco-friendly fibers. • Describe sustainability certifications and ethical sourcing standards. • Evaluate vendor sustainability practices through documentation, audit reports, and traceability systems. • Assess lifecycle impacts of raw materials using LCA tools and sustainability metrics. • Examine ethical and gender-inclusive sourcing frameworks ensuring compliance and fair labour practices. • Design a sustainable sourcing framework integrating certification validation, vendor rating, and compliance monitoring.	• Conduct research to identify and shortlist eco-friendly material suppliers and vendors. • Verify supplier certifications and traceability through digital audit tools, QR codes, and reports. • Perform raw material inspection through lab testing, swatch evaluation, and defect identification. • Demonstrate sustainable material handling, storage, and preservation to minimize contamination and waste. • Create a supplier evaluation matrix comparing quality, cost, lead time, and sustainability criteria. • Prepare a supplier compliance report highlighting strengths, risks, and areas for corrective action. • Develop a digital or documented sustainable sourcing plan with vendor data, certifications, and performance reports. • Generate periodic sustainability sourcing summaries for stakeholder review using eco-metrics dashboards.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Unique Equipment Required:	
Computer & Computer Peripherals, First aid box & Fire Extinguisher, Design software (Coral, photo shop etc),Printer ,Mannequin (Male or female, Size M),Sewing Machine with tables (domestic or industrial SNLS as per	

requirement), Stools for sewing depending on no. of machines, Over lock Machine (5 thread over lock machine) with stool, Cleaning cloth, Embroidery machine with stool and table, Press/iron (any type) with table, Machine tool kit, Garment, made ups and Home Furnishing Samples (qnt may vary), Drawing Board (any size wooden), Types Of Scales: normal straight big ruler, hip curve, leg shaper, pattern master, French curve etc, Sewing kit (Includes thread clipper/hand, trimmer, seam ripper, fabric cutting, scissors, tracing wheel, measuring tape etc), Machine tool kit (screw driver, screw etc.), Machine oil, Machine Needle and hand needles (Various Gauges), embroidery needles, Attachments for sewing machine (as per req), Button hole scissor, Hand notcher (pattern notcher), Sewing Threads (Surplus thread is used. The quantity, thread packaging, variety may vary as per requirement), embroidery thread as per req, Bobbins (qnt may vary), Bobbin case (qnt may vary), Hanger (wooden and plastic material), Embroidery frame (various sizes and shapes qnt may vary), Fabric Yardages, surplus fabric, good quality muslin mandatory, other optional, qnt may vary), Trim/Accessory buttons, surface embellishments, zippers etc assorted, qnt may vary), Pin Cushion (quantity may vary as per requirement), Dustbin, Boxes and pouches for storing Items, Pattern Table /cutting table, Stools for cutting, Student's Chair (with Table Arm), Teacher's Table, Teacher's Chair, Push Pins (quantity may vary as per requirement), Dress Maker's Pin (quantity may vary as per requirement), Fabric Pins, Highlighter (quantity may vary as per requirement), Pencil (HB, 2B, H, 2H, 4H, 4B, 6B, 8B), Eraser, Note books, Sharpener, Carbon Paper (Various Colours), Design Transferring Paper, Paper Cutter, Pattern Drafting Paper, Paper (Various quality and sizes), Labels & Stickers (Qty may vary as per requirement), Scissors (plastic handled scissor for cutting paper), Pinking Shears, Marking Chalk (yellow/pink/ green/ blue coloured), Tailor's Chalk, Carbon paper (A4, yellow, red and white carbon), Colour (Poster colour, Water colour, Acrylics, Pastels, fabric printing dyes and colors and materials etc), Paint Brushes (different sizes), Stapler (small and big size), Glue Stick/Fevicol/Adhesive, Fabric Glue, Cello-Tape (Transparent and Foam Double sided tapes, Single sided tapes), Punching Machine, Magnetic White Board/black board Eraser, Blackboard/Whiteboard, White /Black Board Marker, Pantone Shade Card, Fashion Forecasting Books/Journals/Magazines, Buyer Requirement/ comment Sheet, Measurement Sheet/ Size Chart, Trims/Accessory /fabric and embroideries samples/swatch file, Tech Pack/ Specification Sheet, Chalk & marker (Chalks & markers of different colors), Dexterity Test Kit, Sewing Machine tool kit, Students Notes

Module Name 4: Design and Develop Sustainable Apparel Products

Mapped to AMH/N1957 (version 1.0)

Terminal Outcomes:

- Identify eco-friendly design elements, fibers, and trims suitable for sustainable apparel production.
- Explain principles of sustainable design such as zero-waste pattern making, upcycling, and minimal-impact dyeing.
- Develop eco-conscious apparel prototypes using organic, recycled, or biodegradable materials and ethical production techniques.
- Examine the functional, aesthetic, and environmental performance of sustainable apparel samples through testing and feedback.
- Assess cost, durability, and sustainability trade-offs during product development to ensure circular design feasibility.
- Design a complete sustainable apparel collection or product line incorporating eco-friendly materials, ethical manufacturing, and lifecycle-oriented design strategies.

<i>Duration: 24:00</i>	<i>Duration: 66:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
Identify key sustainable design principles and eco-friendly product development terminology.	Demonstrate eco-design prototyping using biodegradable or recycled materials.

• Explain the concept of upcycling, recycling, and their role in sustainable apparel design. • Describe methods for selecting low-impact materials, trims, and dyes in eco-fashion design. • Examine how circular economy principles (repairability, recyclability) influence apparel product lifecycles. • Assess the sustainability performance of various design techniques based on material usage and environmental impact. • Develop documentation formats such as sustainable design tech-packs highlighting materials, processes, and certifications.	• Incorporate upcycling and recycling concepts into design projects and sampling activities. • Select and test low-impact trims, fasteners, and dyes for quality and compatibility. • Develop and present sustainable tech-packs with detailed material specifications and eco-attributes. • Illustrate sustainable apparel concepts through hand sketches or digital mood boards. • Evaluate usability, aesthetics, and durability of eco-prototypes through fit and endurance tests. • Recommend material and process improvements based on prototype testing and feedback analysis. • Document the entire sustainable design process—from concept to sampling—with sustainability annotations and traceability data.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Unique Equipment Required:	
CAD/CAM Machine	

Module Name 5: Manage Sustainable Apparel Production Process

Mapped to AMH/N1958 (version 1.0)

Terminal Outcomes:

- Identify key stages in sustainable apparel production, including sourcing, cutting, stitching, finishing, and eco-friendly waste management practices.
- Explain principles of sustainable production, energy-efficient operations, and circular economy practices in apparel manufacturing.
- Implement eco-conscious production techniques to minimize waste, optimize resource usage, and maintain quality standards.
- Examine production workflows to identify inefficiencies, environmental impacts, or areas for sustainability improvement.
- Assess supplier and production partner compliance with sustainability standards and certifications.
- Develop a sustainable production plan integrating process optimization, resource efficiency, and environmental performance tracking.

<i>Duration: 15:00</i>	<i>Duration: 45:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes

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|---|---|
| <ul style="list-style-type: none"> Identify key stages of sustainable apparel production including cutting, stitching, dyeing, finishing, and waste management. Explain principles of lean manufacturing, circular economy, and eco-conscious production practices. Examine production workflows to identify inefficiencies, resource wastage, or environmental impacts. Assess compliance of production processes, suppliers, and floor operations against sustainability standards and certifications. Develop sustainable production plans integrating resource efficiency, circular economy practices, and social compliance considerations. | <ul style="list-style-type: none"> Develop production schedules to minimize energy, water, and material consumption. Design cutting layouts and supervise zero-waste cutting techniques to maximize fabric utilization. Implement lean manufacturing practices to reduce bottlenecks, waste, and inefficiencies. Monitor eco-friendly dyeing, washing, and finishing processes to reduce chemical and water usage. Ensure worker safety, ergonomic workstation setup, and enforce inclusive, ethical labor practices. Evaluate production data using digital tools to track energy efficiency, resource usage, and sustainability KPIs. Assess deviations in sustainability targets and implement corrective and preventive actions (CAPA). Recommend eco-efficient production methods to optimize lead times, improve quality, and meet sustainability benchmarks. Document daily production metrics, sustainability audits, and prepare performance reports for stakeholders. Integrate circular economy models by recycling production waste into secondary products or materials. |
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Classroom Aids:

Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster

Tools, Equipment and Other Requirements

Unique Equipment Required:

White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, 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, 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 or 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),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.

Module Name 6: Apply Waste Reduction and Circular Production Techniques

Mapped to AMH/N1959 (version 1.0)

Terminal Outcomes:

- Identify types of waste generated in apparel production and common circular economy principles applicable to the industry.
- Explain the importance of waste reduction, recycling, and reuse in sustainable apparel production.
- Implement strategies to minimize material, water, and energy waste across cutting, stitching, finishing, and packaging processes.
- Examine production workflows to detect inefficiencies, excess material usage, and opportunities for recycling or upcycling.
- Assess the effectiveness of circular production methods, including recovery, repair, remanufacturing, and repurposing of materials.
- Develop a waste management and circular production plan integrating zero-waste techniques, eco-design principles, and sustainability KPIs.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Identify types of production waste generated across apparel processes and classify textile waste for recycling or disposal. • Explain pre-consumer vs. post-consumer waste and the principles of circular economy in apparel production. • Examine reverse logistics, waste diversion, and closed-loop dyeing/washing systems for compliance with sustainability standards. • Assess effectiveness of waste reduction and recycling initiatives, including biodegradable packaging and circular fashion practices. • Develop strategies for integrating waste-to-fashion approaches, eco-design, and circular production into enterprise operation	• Segregate textile waste on production floors and implement upcycling/reuse of fabric offcuts, scraps, trims, and defective garments. • Transform pre- and post-consumer apparel into new product concepts using waste-to-fashion techniques. • Design and implement reverse logistics systems documenting material flows for transparency and circularity. • Work with recyclers, NGOs, and waste management firms to process waste according to standards. • Implement closed-loop dyeing, washing systems, and biodegradable packaging alternatives in production. • Evaluate waste reduction performance data using digital tools to track efficiency and environmental impact. • Develop and deliver worker training modules on waste segregation, recycling, and circular practices. • Suggest innovations in circular fashion and waste management for continuous improvement.
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	

Tools, Equipment and Other Requirements

Unique Equipment Required:

White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, 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, 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 or 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),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.

Module Name 7: Conduct Quality Assurance and Compliance for Eco-Apparel Mapped to AMH/N1960 (version 1.0)

Terminal Outcomes:

- Identify key quality parameters, eco-label certifications, and compliance standards relevant to sustainable apparel.
- Explain the importance of quality assurance processes, environmental standards, and social compliance in eco-apparel production.
- Conduct routine quality inspections on eco-apparel products, verifying material, stitching, finishing, and sustainability features.
- Examine production data and quality records to detect deviations, defects, or non-compliance with eco-standards.
- Assess supplier and in-house production adherence to sustainability certifications, ethical practices, and regulatory norms.
- Develop corrective and preventive action plans (CAPA) and documentation systems to ensure continuous quality improvement and compliance.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Identify eco-specific apparel quality standards, sustainability certifications, and regulatory requirements. • Explain laboratory and field-based testing methods for verifying eco-apparel compliance. • Examine Life Cycle Assessment (LCA) findings to understand environmental impacts of apparel products. • Assess compliance of suppliers and in-house processes with sustainability goals, eco-	• Conduct laboratory and field-based tests to verify conformity of eco-apparel products with sustainability standards. • Verify products against eco-certifications and local environmental/labour regulations before release. • Perform Life Cycle Assessment (LCA) on apparel products and identify opportunities for reducing ecological impact.

certifications, and labour/environmental regulations. Develop documentation and reporting systems to maintain audit readiness and continuous quality improvement.	- Compile audit-ready documentation and records to demonstrate compliance during internal and external audits. - Analyze defects, consumer complaints, and audit findings to establish corrective actions and continuous improvement mechanisms. - Implement improvements in production processes based on LCA results and compliance audits to enhance product sustainability. - Suggest innovations in circular fashion and waste management for continuous improvement.
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Classroom Aids:

Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster

Tools, Equipment and Other Requirements

Unique Equipment Required:

White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, 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, 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 or 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),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.

Module Name 8: Promote and sustain safety, health, and security in workplace, while fostering Gender and Persons with Disabilities (PwD) Sensitization

Mapped to AMH/N0620 (version 1.0)

Terminal Outcomes:

- Describe safe working practices for cleaning and maintenance of equipment.
- Describe effects of contamination on products, i.e., machine oil, dirt, etc.
- Identify different ways of minimizing wastage.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
- Explain health and safety-related practices applicable at the workplace. - Follow environment management system related procedures. - List potential hazards, risks and threats based on nature of operations.	- Obtain and check the data on the work ticket or job card and carry out functions in line with the responsibilities of the job role - Ask questions to obtain more information on tasks when the instructions are unclear.

- Describe potential accidents, emergencies and response to these scenarios. - Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned. - Seek clarifications, from supervisors or other authorized personnel in case of perceived risks. - State organizational procedures for safe handling of equipment and machine operations. - Describe elements of proper disposal system for waste and by-products. - Describe actions to take in the event of a mock drill/ evacuation procedures or actual accident, emergency or fire. - Follow organization procedures for shutdown and evacuation when required. - Minimize health and safety risks to self and others due owning actions. - Report any service malfunctions that cannot be rectified. - Store materials and equipment in line with manufacturer's and organizational requirements. - State importance of sound health, hygiene and good habits. - Describe ill-effects of alcohol, tobacco and drugs. - Maintain a healthy lifestyle and guard against dependency on intoxicants.	- Agree and review your agreed upon work targets with your supervisor and check for special instructions, if any - Check that tools and equipment are safe to use; select, sort and use the correct tools and equipment - Ensure that the work area is free from any hazard and setup the equipment & machineries (e.g.: fabric checking machine) for fabric checking as per the job requirement - Carry out operations at a rate which maintains work flow and meets production targets - Minimize wastage and dispose off waste materials safely and return re-useable materials - Work in conformance to company quality standards; legal requirements, organizational policies and procedures - Carry out visual inspection to ensure the products are free from any defects and non-conformance quality parameters - Follow company reporting procedures about defective tools and machines which affect work and report any risks/ problems relevant person promptly and accurately. - Leave work area safe and secure when work is complete - Complete forms, records and other documentation
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Classroom Aids:

Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster

Tools, Equipment and Other Requirements

Training kit (trainer guide, presentations)

Unique Equipment Required:

White/Black ,Board+ Marker/Chalk +Duster Computer With Computer Table And Chair and peripherals, pattern making software, marker making software, Digitizer ,Cello tape, 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, 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 or 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),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.

Module Name 9: Adhere to industry, regulatory, and organizational standards and embrace environmentally sustainable practices

Mapped to (AMH/N0621) (version 1.0)

Terminal Outcomes:

- Importance of Punctuality
- Understand the organizational requirement
- Importance of Green jobs in an organization
- Optimize usage of material and resources at the workplace.

Duration: 15:00	Duration: 15:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• State the importance of having an ethical and value-based approach to governance. • State the benefits to self and the organisation due to the practice of values and ethics. • State the importance of punctuality and attendance. • State customer-specific requirements mandated as a part of the work process. • State country/customer-specific regulations for the apparel sector and their importance. • State the reporting procedure of the organisation in case of deviations. • State limits of personal responsibility. • Report any possible deviation from regulatory requirements. • Clarify doubts on policies and procedures from the supervisor or other authorized personnel. • Explain the importance of greening solutions, procedures, policies, legislation, and regulations • Discuss the significance of the specified usage of resources at work area • Evaluate the different ways to conserve energy in the Apparel sector	• Provide support to the supervisor and team members in enforcing the organisational considerations. • Identify procedures to follow if legal, regulatory, and ethical requirements of the organisation are not met. • Interpret correctly legal, regulatory, and ethical requirements specific to the apparel industry. • Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation, and regulations. • Making conscious and sustainable decisions for achieving an effective and green workplace. • Follow the organisational policies and procedures within the limits of self-authority. • Discussed the importance of switch of the machine when not in use. • Carrying out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation, and regulations. • Demonstrate the method of handling and storage of waste materials such as paper, sketches, colouring tools, electronic waste, etc • Demonstrate the process of segregation of waste
Classroom Aids:	
Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment, and Other Requirements	
Documents related to the subject, Computer with peripherals	
Basic Stationery	

Module Name 10: Employability Skills

Mapped to DGT/VSQ/N0102 (Version 1.0)

Terminal Outcomes:

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century

- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

Duration: 60:00(Theory 24 Hrs + Practical 36 Hrs)

Key Learning Outcomes

Introduction to Employability Skills Duration: 1.5 Hours

After completing this programme, participants will be able to:

1. Discuss the Employability Skills required for jobs in various industries
2. List different learning and employability related GOI and private portals and their usage

Constitutional values - Citizenship Duration: 1.5 Hours

3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen

4. Show how to practice different environmentally sustainable practices.

Becoming a Professional in the 21st Century Duration: 2.5 Hours

5. Discuss importance of relevant 21st century skills.

6. Exhibit 21st century skills like Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.

7. Describe the benefits of continuous learning.

Basic English Skills Duration: 10 Hours

8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone

9. Read and interpret text written in basic English

10. Write a short note/paragraph / letter/e -mail using basic English

Career Development & Goal Setting Duration: 2 Hours

11. Create a career development plan with well-defined short- and long-term goals

Communication Skills Duration: 5 Hours

12. Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.

13. Explain the importance of active listening for effective communication

14. Discuss the significance of working collaboratively with others in a team

Diversity & Inclusion Duration: 2.5 Hours

15. Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD

16. Discuss the significance of escalating sexual harassment issues as per POSH act.

Financial and Legal Literacy Duration: 5 Hours

17. Outline the importance of selecting the right financial institution, product, and service

18. Demonstrate how to carry out offline and online financial transactions, safely and securely

19. List the common components of salary and compute income, expenditure, taxes, investments etc.

20. Discuss the legal rights, laws, and aids

Essential Digital Skills Duration: 10 Hours

21. Describe the role of digital technology in today's life
22. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely
23. Discuss the significance of displaying responsible online behaviour while browsing, using various social media platforms, e-mails, etc., safely and securely
24. Create sample word documents, excel sheets and presentations using basic features
25. utilize virtual collaboration tools to work effectively

Entrepreneurship Duration: 7 Hours

26. Explain the types of entrepreneurship and enterprises
27. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan
28. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement
29. Create a sample business plan, for the selected business opportunity

Customer Service Duration: 5 Hours

30. Describe the significance of analyzing different types and needs of customers
31. Explain the significance of identifying customer needs and responding to them in a professional manner.
32. Discuss the significance of maintaining hygiene and dressing appropriately

Getting Ready for apprenticeship & Jobs Duration: 8 Hours

33. Create a professional Curriculum Vitae (CV)
34. Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively
35. Discuss the significance of maintaining hygiene and confidence during an interview
36. Perform a mock interview
37. List the steps for searching and registering for apprenticeship opportunities

Classroom Aids:

Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster

Tools, Equipment, and Other Requirements

1. Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed)
(all software should either be latest version or one/two version below)
As required
2. UPS As required 3. Scanner cum Printer As required 4. Computer Tables As required 5. Computer Chairs As required
6. LCD Projector As required 7. White Board 1200mm x 900mm As required

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	

Diploma		4 Year	Fashion Designing	3	Fashion Designing	The candidate should possess good knowledge of pattern making techniques, construction of garments, made ups and home furnishing articles using hand and computer, equipment, tools, material, Safety, Health & hygiene and other requirements of relevant job role. The candidate should be able to communicate in English and local language.
Graduation		3 Year	Fashion Designing	2	Fashion Designing	
Post graduate diploma		2 Year	Fashion Designing	1	Fashion Designing	
Post Graduate Degree in relevant trade or sector		1 Year	Fashion Designing	0	Fashion Designing	
Trainer Certification						
Domain Certification			Platform Certification			
Certificate for Job Role: “Apparel Ecopreneur” to QP: “AMH/Q1949” Minimum accepted score is 80%.			Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “Master Trainer (VET and Skills) MEP/Q2601 v2.0”. Minimum accepted score is 80%.			

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
ITI		4 Year	Fashion Designing	0	Fashion Designing	The candidate should possess good knowledge of designing

Diploma		4 Year	Fashion Designing	0	Fashion Designing	techniques, of garments, made ups and home furnishing articles using hand and computer, equipment, tools, material, Safety, Health & hygiene and other requirements of relevant job role. The candidate should be able to communicate in English and local language.
Graduation		3 Year	Fashion Designing	0	Fashion Designing	
Post graduate diploma		2 Year	Fashion Designing	0	Fashion Designing	
Post Graduate Degree in relevant trade or sector		1 Year	Fashion Designing	0	Fashion Designing	

Assessor Certification

Domain Certification	Platform Certification
Certificate for Job Role: “Apparel Ecopreneur” to QP: “AMH/Q1949” Minimum accepted score is 80%.	Recommended that the Assessor is certified for the Job Role: “Assessor”, mapped to the Qualification Pack: “Assessor (VET and Skills) MEP/Q2701 v2.0”. Minimum accepted % as per respective SSC guidelines is 80%.

Trainer Prerequisites: Employability Skills

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate/CITS	Any discipline			2	Teaching experience	Prospective ES trainer should: • have good communication skills • be well versed in English • have digital skills • have attention to detail • be adaptable
Current ITI trainers	Employability Skills Training (3 days full-time course done between 2019-2022)					

Certified current trainers (155 hours)	from Management SSC (MEPSC)					• have willingness to learn
Certified Trainer	Qualification Pack: Trainer (MEP/Q0102)					

Trainer Certification Employability Skills

Domain Certification	Platform Certification
Certified in 60-hour Employability NOS (2022), with a minimum score of 80% OR Certified in 120-, 90-hour Employability NOS (2022), with a minimum score of 80%	NA

Master Trainer Prerequisites Employability Skills

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate/CITS	Any discipline			3	Employability Skills curriculum training experience with an interest to train as well as orient other	Prospective ES Master trainer should: • have good communication skills • be well versed in English • have basic digital skills • have attention to detail
Certified Master Trainer	Qualification Pack: Master Trainer (MEP/Q2602)			3	EEE training of Management SSC (MEPSC) (155 hours)	• be adaptable • have willingness to learn • be able to grasp concepts fast and is creative with teaching practices and likes sharing

						back learning others	their with
Master Trainer Certification Employability Skills							
Domain Certification				Platform Certification			
Certified in 60-hour Employability NOS (2022), with a minimum score of 90%. OR Certified in 120-, 90-hour Employability NOS (2022), with a minimum score of 90%				NA			

Assessment Strategy

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. examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each.
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on these criteria.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% aggregate in QP.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Acronyms and Abbreviations

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.

Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
Organizational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.