



Diploma in Global Apparel Management & Technology

What is special about this Course?

This is the only apparel-specific diploma that encompasses the fundamentals as well as the most modern concepts and techniques in the management of Garment Factories. It begins with an in-depth understanding of all functions in the making of apparel and progresses to teach the latest developments in Production Management, Industrial Engineering, Merchandising Management, Lean Manufacturing, and Supply Chain functions. It is an absolutely useful course of study for young people who have joined the industry in recent times, as well as for those seeking employment in the industry.

Guaranteed Internship Training for Non-working students

Internship training for school leavers / non-working students (below 24 years of age) will be arranged by the institute to facilitate immediate employment.

On successful completion of the course, students are awarded a Certificate, which is highly recognised in the Garment Industry for employment.

Course Content

Module 1: Global Apparel Industry and Manufacturing Fundamentals - Intake

This module provides students with a **foundational understanding of the global apparel industry and garment manufacturing processes**. It introduces the structure of the industry, the key functional areas within a garment factory, and the basic materials and technologies used in apparel production.

Topics

- Introduction to Apparel Manufacturing
- The Global Apparel Industry
- Functions in a Garment Factory
- Overview of a Garment Factory
- Sewing Floor Basics – Machines, Seam Types, Stitch Types, Needles
- Fabric and Yarn



Module 2: Apparel Merchandising, Supply Chain and Quality Management

This module introduces the **commercial and coordination functions within the apparel industry**, focusing on merchandising operations, supply chain coordination, and quality assurance systems used to meet international buyer standards.

Modules

- Marketing & Merchandising Management
- Supply Chain Management
- Quality Assurance and Management Systems

Module 3: Management, Workforce Practices and Compliance in Apparel Manufacturing

This module focuses on the **management and organisational aspects of apparel manufacturing operations**. Students will explore management principles, workforce relations, labour compliance requirements, and occupational health and safety practices relevant to garment factories.

Topics

- Introduction to Management
- Human Resource Management and Employee Relations
- Compliance, Health and Safety

Module 4: Apparel Product Development and Pre-Production Operations

This module covers the **product development and preparation stages before bulk garment production**. Students will learn about sampling, pattern development, grading systems, cutting room operations, and material handling processes.

Modules

- Stores Management
- Cutting Room Management
- Product Development and Sampling
- Pattern Making and Grading



Module 5: Industrial Engineering

This module introduces industrial engineering concepts used in apparel manufacturing to improve productivity and efficiency. Students learn techniques such as work study, time study, method analysis, and line balancing to optimise production processes, reduce waste, and enhance workflow, supporting effective production planning and performance improvement in garment factory operations.

- Industrial Engineering

Module 6: Sewing Floor and Production Management

This module introduces the principles of managing sewing floor operations and applying production management techniques in apparel manufacturing. Students learn how to organise sewing lines, supervise operators, coordinate workflow, and monitor production performance to achieve efficiency, maintain quality standards, and meet production targets within a garment factory environment.

- Managing the Sewing Floor
- Production Management Techniques

Module 7: Finishing Processes, Operational Excellence and Digital Technologies

This block introduces students to **post-production processes and modern manufacturing systems** used in the apparel industry, including finishing operations, process optimisation techniques, and digital technologies supporting factory management.

Modules

- Finishing
- Embellishments
- Lean Manufacturing and Six Sigma
- Enterprise Resource Planning (ERP) in Apparel Manufacturing
- Technology Trends in the Apparel Industry



Module 8: Industry Project and Applied Learning

This block provides students with the opportunity to **apply their knowledge to a practical industry-related problem or project**. Students will document their learning through a project and logbook, demonstrating their understanding of apparel manufacturing operations.

Modules

- Garment Industry-Related Project
- Industry Logbook