

Apparel Design and Quality Control (ADQC)

The full time program on Apparel Design and Quality Control is designed to equip the candidates with skills and knowledge to become a competent design and quality control professional for the garment industry.

Program Content:

Module 1- Manual Pattern Making and Garment Construction

- Fundamentals of Textile and Garment Manufacturing Processes
- Familiarity with tools used in Design Development
- Understanding of Design related terminology, Sizing systems and Body Measurements
- Understanding of buyer specification sheet
- Developing Basic Blocks of Men's Wear and Ladies Wear and their Variations
- Grading and Marker Planning
- Garment Construction

Module 2 - Computer Aided Design (CAD)

- Understanding of various tools used in CAD softwares (Gerber and Lectra)
- Pattern Creation, Grading, Marker Making and Digitizing on CAD
- Garment Construction
- Fitting Problems

Module 3 - Quality Assurance in Apparel Manufacturing

- Raw Material Inspection, In-process Inspection and Final Inspection
- Quality Evaluation of Fabrics
- Fabric and Garment Costing
- Applications of Statistics in Apparel Manufacturing

Module 4 - General Management

- Human Resource Development
- Social Compliance (SA-8000)

Module 5 - Industrial Training

Candidates shall have to undergo industrial training in garment manufacturing units during the program to understand shop-floor practices.

Career Opportunities: Students after completing this program can start their career in patternmaking, CAD and quality control departments of a garment export house.