

Textile Technology and Management (TTM- DLP)

The program is designed to impart technical and managerial skills to cater to the needs of managing textile mills. The program deals with various aspects of textiles like manufacturing, process control, quality control, machine maintenance and also helps to develop supervisory skills to manage complete value chain of rapidly growing textile industry.

Program Content:

Module 1 - General Engineering

- Drives and Transmission
- Humidification and Air Conditioning
- Thermal and Electrical Energy

Module 2 - Yarn Manufacturing Technology

- Textile Fibres
- Yarn Manufacturing Process
- Machine Maintenance
- Process Control

Module 3 - Fabric Manufacturing Technology

Weaving

- Fabric Structure and Design
- Fabric Manufacturing Process
- Process Control

Knitting

- Weft and Warp Knitting Machines
- Process Control in knitting
- Designing of weft knit structures

Module 4 - Chemical Processing

- Preparatory Processes
- Dyes and chemicals
- Dyeing, Printing and Finishing
- Pollution Control Measures

Module 5 - Quality Evaluation of Textiles

- Principles of Textile Testing Instruments
- Quality Evaluation of fibres, yarns and fabrics
- Data Analysis and application of Statistical Techniques

Module 6 - Textile Management

- Supervisory Skill Development
- Quality Management (ISO: 9000)
- Textile Costing

