

## Textile Technology and Management (TTM)



The full time program on Textile Technology and Management imparts 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
- Bearings and Lubrication
- Control Systems

#### 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
- Machine Maintenance
- Process Control

##### Knitting

- Weft and Warp Knitting
- Process Control of knits
- Designing of weft knit structures
- Quality Evaluation of knits

#### Module 4 - Chemical Processing

- Preparatory Processes
- Dyeing, Printing and Finishing
- Chemical Processing of knit fabrics

#### 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
- Industrial Relations
- Quality Management (ISO: 9000)
- Textile Costing

#### Module 7 - Industrial Training

- Two months industrial training in a textile mill to understand shop-floor working.

**Career Opportunities:** Students after completing this program can start their career as supervisors in production, quality and maintenance depths of a textile mill.