

## Details of Training module

### **I. Short Term Course in Technical Textiles**

#### 1. Orientation course in Agrotextiles

**Duration** : 1 week

**Batch size** : 20

**Course fee** : ₹ 500

**Course content** :

- i. Introduction to Agrotextiles
- ii. Classification of Agrotextiles
- iii. Composition and construction of Agrotextiles
- iv. Manufacturing of Agrotextiles
- v. Testing and evaluation of Agrotextiles
- vi. Market scenario of Agrotextiles

#### 2. Testing and evaluation of technical textiles

**Duration** : 1 week

**Batch size** : 20

**Course fee** : ₹ 1,000

**Qualification** : Graduation in Science/ Diploma or Degree in Textiles

**Course content** :

- i. Introduction & classification of Technical Textiles
- ii. Functional Requirements of Technical Textiles
- iii. Principles of Testing and Evaluation
- iv. Introduction to various test standards
- v. Standard Test methods for evaluating Technical Textiles
- vi. Testing and evaluation of Technical Textiles  
(Theory & Practical Demonstration)

#### 3. Crash course in Testing and evaluation of technical textiles (Customised)

**Duration** : 3 days

**Batch size** : 5 max.

**Course fee** : ₹ 5,000

**Qualification** : Graduation in Science/ Diploma or Degree in Textiles

**Course content** :

- i. What, Why and How of Technical Textile Testing  
(Specific areas)
- ii. Introduction to various test standards
- iii. Standard Test methods for evaluating Technical  
Textiles(Specific areas)
- iv. Testing and evaluation of Technical Textiles (Specific areas)
- v. Practical Demonstration of Test Procedures (Specific areas)

#### 4. Entrepreneurship in Agrotextiles

**Duration** : 1 week

**Batch size** : 20

**Course fee** : ₹ 5,000

**Course content** :

- i. Introduction to Agrotextiles
- ii. Classification of Agrotextiles
- iii. Composition and construction of Agrotextiles
- iv. Manufacturing of Agrotextiles
- v. Testing and evaluation of Agrotextiles
- vi. Market research in Agrotextiles
- vii. Product development strategy
- viii. Product Pricing
- ix. Government Schemes and Fiscal Policies
- x. Business Promotion for Agrotextiles

## **II. Certificate course in Technical Textiles**

**Certificate course in Technical Textiles** : 6 months

**Batch** : 25

**Course Fees** : ₹ 25,000

**Qualification** : Graduation in Science/ Diploma or Degree in Textiles

### **• Topics covered**

- Introduction to Technical Textiles
- Raw Material – fibre / yarn etc.
- Manufacturing of fibre / yarn
- Polymer spinning
- Conventional & special spinning processes
- Weaving
- Non wovens
- Knitting / braiding, with special focus on nets
- Special finishes for Technical Textiles
- Various segments of technical textiles, specialisation in Agrotextile/ composites/ coated textiles
- Testing & Evaluation
- International Bodies for testing and Certification
- Practicals in Testing and Evaluation
- Entrepreneurship in Technical Textiles
- Elements of marketing
- Marketing Strategies
- Manufacturers in India
- Exim Policies
- Exposure visits
- Assignments

**III. Certificate course in Agrotextiles** : 3 months

**Batch** : 25

**Course Fees** : ₹ 25,000

**Qualification** : Graduation in Science/ Diploma or Degree in Textiles

• **Topics covered**

- Introduction to Agrotextiles
- Raw Material – fibre / yarn for Agrotextiles
- Manufacturing Process for Agrotextile products
- Finishing and Making up of Agrotextiles
- Testing & Evaluation of Agrotextiles
- International Bodies for testing and Certification
- Practicals in Testing and Evaluation
- Entrepreneurship in Agrotextiles
- Elements of marketing
- Marketing Strategies
- Exim Policies
- Exposure visits
- Assignments

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