Evaluation of textile materials is an extremely important activity for textile production, product and process development, research, distribution and consumption. During selection of raw materials, intermediate materials and finished products the evaluation of characteristics of textiles is necessary. To meet up the customer requirement, specification is very useful. In this concept, testing plays a vital role. In research and development field the evaluation of textile materials helps us to decide the next route. Research Institute, pilot plants can achieve process development through testing or exact investigation into better, cheaper and quicker methods. Certain standard level should be maintained to control the production process. By evaluation of textile materials one can easily detect the faults of machinery and materials. Continuous test of the textiles results an enhanced and efficient output of the production.

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**COURSE PLAN:**

- **Week 01**: Objectives of Testing
- **Week 02**: Selection of Samples for Testing & Numerical on Elements of Statistics
- **Week 03**: Fibre Length
- **Week 04**: Fibre Fineness and Maturity
- **Week 05**: Evenness Testing of Laps, Slivers, Rovings and Yarns & Numerical on Evenness of Textile Materials
- **Week 06**: Hairiness of Yarns and Fabrics
- **Week 07**: Tensile Testing of Fibres, Yarns and Fabrics
- **Week 08**: Tear Strength of Fabrics
- **Week 09**: Bursting Strength of Fabrics
- **Week 10**: Abrasion and Pilling Test of Fabrics
- **Week 11**: Fabric Bending, Shear and Drape
- **Week 12**: Moisture in Textile