

**SARDAR PATEL UNIVERSITY**  
**Programme: B.Sc (Home Science)**  
**Semester: VI**  
**(Textile & Clothing)**  
**Syllabus with effect from: November/December-2013**

**Objectives:**

- To gain knowledge of physical properties of different textile fibres, yarns and fabrics.
- To learn to assess the quality of textile fibers and fabrics.

<b>Paper Code:UH06CTCL07</b>	<b>Total Credit: 2</b>
<b>Title Of Paper: Textile Testing</b>	

	<b>Description in detail</b>	
1	Importance of standards and quality control.	
2	<b>Identification of textiles fibres.</b> Microscopic tests. Burning tests Solubility tests or Chemical tests. (Fibres to be tested – Cotton, wool, silk, jute, polyester, rayon, nylon, acrylic, acetate)	
3	<b>Yarn determination</b> Twist Crimp Lea	
4	<b>Fabric determination</b> Stiffness Crease recovery Thickness (Fabric used – light wt. organdie, polyester, voile, satin - medium wt. poplin, casement – Heavy wt. drill, jean, metti )	

**Basic Text & Reference Books**

- Kothary V.K. (1999) Progress in Textiles & Quality Management IafI Pub. New Delhi.
- Grover E.B. & Hamby D S (1988) H.B. of textiles testing and quality control 2<sup>nd</sup> Ed Wiley Eastman Ltd. New Delhi.
- Angappan P (2002) Textiles Testing, SSMIT Tamil Nadu.
- Basu A (2001) Textile Testing Fibre , Yarn & Fabric. The South India Coimbatore.
- Skinle J (1972), Textiles Testing, Taraporewala Bombay.
- Booth J.E.(1996), Principles of Textiles Testing, CBS Publication. Delhi.



