

SARDAR PATEL UNIVERSITY
Programme: M.Sc (Home Science)
Subject: Textiles & Clothing
Semester: II
Syllabus with Effect from: June - 2013

Paper Code: PH02CTCL01	Total Credit: 4
Title Of Paper: Textile Testing	

Unit	Description in detail	Weightage (%)
I	Introduction & importance of textile testing. Standardization, standard conditions and conditioning. Sampling & its importance (fiber, yarn & fabric)	
II	Fiber testing - objectives & methods of testing : staple length, mean length, fineness, tensile strength, elongation at break.	
III	Yarn testing - objectives and methods of testing : count, denier, twist, diameter, crimp, tensile strength, elongation at break, stress - strain curves, elastic recovery.	
IV	Fabric testing- objectives and methods of testing : length, width, bow and skewness, count, denier, weight, thickness, breaking strength, tear strength, drapability, crease recovery, water repellency, air permeability, pilling.	
V	Testing colourfastness tests - crocking, perspiration, sunlight, washing, dry cleaning & pressing.	

