

SARDAR PATEL UNIVERSITY
Programme: B.Sc (Home Science)
Semester: II
Syllabus with effect from: November/December-2011

Theory

Objectives:

- To impart knowledge of various fibers, yarns and weaves used in textiles.
- To gain knowledge on various fabrics, its fabric count and relation to the weight of fabric.

Paper Code: UH02CTCL06	Total Credit:
Title Of Paper: Introduction to Textiles	

Unit	Description in detail	Weighting (%)
I	Classification of Textile fibers (According to Sources)	10%
II	Properties and uses of the following fibers Cotton Silk Wool Polyester Acrylic	30%
III	Yarns Classification of yarns Types of yarns – Simple, Novelty , Textured, Threads	20%
IV	Weaves Classification of weaves Basic weaves & its variation – plain, Basket, Rib, Twill, Satin & Sateen Weaves	25%
V	Textile finishes & its importance Calendaring, Mercerization, Sanforization, Bleaching, Water proof	15%

Basic Text & Reference Books

- Dantyagi Sushila (1996): Fundamentals of Textiles and Their Care
- J.T. Marsh (): An Introduction of Textile Finishing. B.I. Publications
- Textile, Fibres to Fabrics, B.P.Corbman; M.C.grow Hill International Editions;1983
- Mishra S.P. (2000) A Text book of fiber Science & Technology, New age International Pub. New Delhi.
- Textiles, N. Hollen & J. Saddler; Macmillan Company; London 1968
- Fibres & yarns; M. Rastogi; Sonali Publications, New Delhi, 2009
- Textile weaving & design, W.S. Murthy; Abhishek Publication, Chandigarh;2007
- Introduction to Textiles; M.Lowen &. Jungerman; D.B. Taraporwala Sons & Company Pvt. Ltd; 1980
- Grammar of Textiles Design; H.Nisbet; D.B. Taraporwala Sons & Company Pvt. Ltd; 1978

