

SARDAR PATEL UNIVERSITY
Programme: B.Sc (Home Science)
Semester: IV
(Textile & Clothing)
Syllabus with effect from: November/December-2012

Objectives:

- To acquire knowledge about textile fibers.
- To develop understanding of nonwovens and its application.

Paper Code:UH04CTCL06	Total Credit: 3
Title Of Paper: Textile Science	

Unit	Description in detail	Weighting (%)
I	Textile Fibers Classification Morphology of fibers	20%
II	Sources, Composition, Microscopic appearance, and uses of natural vegetable fibers. Cotton Jute Linen	20%
III	Sources, Composition, Microscopic appearance, and uses of natural animal fibers. Wool Silk	20%
IV	Composition, Microscopic appearance and uses of manmade fibers Rayon Nylon Polyester Acrylic Acetate	30%
V	Non- Woven Meaning Types Characteristics Uses	10%

Basic Text & Reference Books

- Mary L. Cowan, Jungerman M.E. (1969): Introduction to Textiles Appleton - Century Crafts, Meredith Corporation, New York.
- Norma Hollen, Jone Saddler, Anna Longford Collie : (1979): Textiles, Macmillan Company
- Corbman B.P.(1985): Textile Fibers to Fabric MacGraw- Hill Book Co.
- Joseph, Marjory L. (1980) : Essentials of Textiles Rinehart and Winston, New York
- Edi Grayson Martin(1984): Textile, Fibers and Nonwoven Fabrics John Wiley and Sons, New York
- Wynne Andrea (1997): Textiles – The Motivate Series, Macmillan Education Ltd.
- Shenai V.A.(2000):Textile Fiber Vol. 1, Sevak Publication, Mumbai



- Mishra S.P.(2000): A Text Book of Fiber Science and Technology, New Age International Publishers, New Delhi
- Shenai V.A.(2000): Technology of Textile Processing, Vol. IX Sevak Publication, Mumbai
- Murphy W.S.(2002): Elements of Fiber Science, Abhishek Publication. Chandigarh
- Nakamura A.(2000) Fiber Science And Technology Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi
- Moncrieff : Manmade Fibers, Newness Buffer Worths
- Hess (1966): Textile Fibers and Their Use, Oxford & IBH Publishing Co. Pvt. Ltd. Bombay
- Cowan Mary L., Jungerman(1980): Introduction to Textiles, D.B. Taraporwala
- Evelyn E. Stout (1970) : Introduction to Textiles, John Wiley and Sons, Inc, New York.
- Dorothy Lyle (1997): Modern Textiles, John Wiley and Sons, Inc, New York.

