

# SARDAR PATEL UNIVERSITY

Programme: B.Sc (Home Science)

Semester: VI

(Textile & Clothing)

Syllabus with effect from: November/December-2013

## Theory

### Objectives:

- To impart knowledge on various methods of printing.
- To make students aware with latest printing technology in fabrics & garments.

<b>Paper Code:UH06CTCL01</b>	<b>Total Credit: 3</b>
<b>Title Of Paper: Textile Printing</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting (%)</b>
I	Different methods of printing Direct, Resist & Discharge Printing	10%
II	<b>Direct printing techniques</b> Block printing Roller printing Stencil printing Screen printing	20%
III	Resist printing techniques Tie & Dye Batik	10%
IV	Discharge Printing	10%
V	<b>Latest printing methods</b> Spray printing flock printing Transfer printing Photographic printing	
VI	<b>Auxiliaries used in printing</b> Dyestuff Wetting agent Solvents, Solution aids & dispersing agents Thickeners Defoaming agents Oxidizing & reducing agents Catalyst & oxygen Carriers Acids & alkalis Carriers & swelling agents Miscellaneous	20%
VII	Preparation of printing paste & printing table	10%

### Basic Text & Reference Books

- Textile, Fibres to Fabrics, B.P.Corbman; M.C.grow Hill International Editions;1983
- Murphy V & Gill (2000) Tie- Dyed textiles of India, Traditions & Trade. Abhishek Pub. Chandigarh.
- Panda M (1999) Modern Technology of Textiles Dyes & Pigments;NIIR, New Delhi.
- 4.Srivastava S.B.(1983) Recent processes of Textiles Dyeing Bleaching& Finishing;Small Business Pub. New Delhi.
- Tortman E. (1975) Dyeing Chemical Technology of Textiles, Charles Griffin, London.
- Leisure C (1969) Batik Leisure Crafts, London.

