

FIRST ALLIED COURSE II - WET PROCESSING

Unit – I: Textile Processing

Definition, Need for Processing, Dry and Wet Processing as related to common, fabrics: Cotton, Silk, Wool, synthetics.

Unit – II: Preparatory process

Meaning, Need for preparatory processes. Types - Singeing, Scouring, bleaching, mercerizing, desizing.

Unit – III: Dyeing

Classification of dyes and Stages of dyeing, Characteristics of dyes, Direct, Vat, Sulphur, reactive, naphthol, acid, Basic and Disperse Dyes - Method of dyeing Cotton, Silk, Wool and Synthetics with respective dyes, Dyeing of fibre blends.

Unit – IV: Printing and Printing procedure

Definition types, Direct styleblock stencil, screen, roller printing, Duplex printing, Rotary, Transfer printing, Discharge style Resist style, Batik, tie and dye, Minor printing methods- Flocking, Marbling, Photoprinting, Warp printing and Air brush printing.

Unit – V: Textile Finishes

Calendaring, Tentering, Stiffening, Decanting, Beetling, Glazing, Schreinerizing, Embossing, Moiering, Ciering, Raising, Napping, Giggling, Shearing. Water Proofing, Water repellency, Sanforizing, Wash and Wear, fire proofing silk, weighing, Crepe and Crinkle effect.

Reference:

1. Manivsakam.N. Treatment of Textile processing Effluents, Sakthi Publications, Coimbatore, 1995.
2. Shenai, V.A. History of Textiles Design, Sevak Publications, Mumbai, 1995.
3. Sule, A.D. - Computer colour analysis- Textile applications, New Age International Private Limited, New Delhi, 2002.
4. Nalankilli.G., Chemical Preparatory Process, NCUTE Publication, New Delhi.