

T.C. – 202 Introduction to Textile and Clothing. (Core)

Objectives:

- 1) To gain on under standing about textile fibers.
- 2) To train by giving basic knowledge of needle work for clothing construction.
- 3) For self development to present one self in various situation.

Unit – 1

- (A) Importance and scope of the study of textile & clothing.
- (B) Principles of design and effect of lines in fabric.

Unit – 2

- (A) Classification of Textile fibers. Its origin and properties.
- (B) Textile Definitions.

Unit – 3

- (A) Yarn construction.
 - Chemical and mechanical spinning
 - Types of yards – simple and novelty, twist and ply yarns.
- (B) Fabric construction.
 - Basic and fancy weave.

Unit – 4

- (A) Laundry equipments:
 - Washing machine.
 - Dryers
 - Iron – etc...
- (B) Textile finished and its importance.
 - Calendaring
 - Mercerizing
 - Sanforsing
 - Water proof finish.

Practical

- 1) Study of sewing machine, its part and its use.
- 2) Preparation of different samples.
 - (a) Seams – Plain seam, flat felt seam, French seam, Topstitch seam.
 - (b) Fasteners – Types hooks, metal eye, buttons.
- 3) Different hand stitches used in clothes
 - (a) Basic stitches – running, hemming slip stitch, back stitch.
 - (b) Decorative stitch – stem stitch, chain stitch, satin stitch, Herringbone lazy dazy, French knot.
- 4) Fullness used in clothes.
Darts, pleats, tucks and gathers, etc.