

MOUNT CARMEL COLLEGE AUTONOMOUS, BANGALORE

**CERTIFICATE COURSE IN BASICS OF GARMENT CONSTRUCTION
2025-2026**

SYLLABUS

Duration – 200 hrs – 3 months

Learning Objectives:

- Understand Textile Fundamentals
- Develop Hand Sewing Skills
- Acquire Garment Construction Proficiency

Unit-1

(40 hours)

Textile Studies

Introduction to Textiles, Classification of fibers, Yarns and fabrics. Fibres properties, tests and end uses, Yarn manufacturing, types of yarns and yarn tests. Weaving process, Types of weaves, properties, fabric testing, loom types, knitting, knitting needle types and machine classifications. Non-woven fabrics, Types, processes, and finishing techniques.

Unit-2

(40 hours)

Hand Sewing

Hemming, fasteners, alterations, plackets, fullness and darts, trims and decorations,

Unit-3

(50 hours)

Basics of Pattern Making

Body Measurements, Basics of pattern making, Methods of Pattern making, Pattern grading and pattern alteration, Preparation of fabric for transferring and cutting, pattern layout.

Unit-4

(70 hours)

Garment Construction

Sewing Machine- Parts and functions, common problems and remedies, Seams and seam finishes, Neck finishes, saree fall stitching and Pico.

Sewing of Garments – Kameez and salwar, Saree blouse and saree petticoat.

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