

GARMENT MANUFACTURING TECHNOLOGY

Unit I:

Planning, drawing and reproduction of the marker. The requirements of marker planning. Efficiency of the marker plan. The spreading of the fabric to form a lay. The requirement of the spreading process. Methods of spreading, nature of fabric packages. The cutting of fabric: methods of cutting.

Unit II:

The properties of seam: seam types, stitch types. Sewing machine feed mechanism, sewing machine needles, Sewing threads, fiber type, construction of thread finishes. Thread sizing, thread packages, cost, properties and seam performance.

Sewing problems, Problems of stitch formation. Problem of pucker, problems of damage to fabric along the stitch line. Testing for sewability and Tailorability.

Unit III:

Basic sewing machines and associated work aids, simple automobiles.

The use of components & trims – Labels and motifs, lining, Interlining, wadding, lace, braids & elastics, Hooks and loop fastening, Seam binding and tape, Shoulder pad, Eyelets & laces, Zip fastener, Buttons, Tack buttons, Snap fasteners and Rivets, Performance properties of components and trims.

Unit IV:

Fusing – Definition, advantages of using fusible interlinings, requirement of fusing, Fusing process. The means of fusing, Fusing equipments, Methods of fusing quality control in fusing. Alternative of fusible interlining.

Unit V:

Pressing: the purpose of pressing, categories of pressing, means of pressing, pressing equipments and methods, pleating, permanent press. State of pressing.

Reference:

1. Introduction to clothing production management – 2nd edition, A.J. Chutter, Blackwell Science, New Delhi.
2. Garment technology for Fashion Designers – Gerry Cooklin, Blackwell Science, New Delhi.
3. Introduction to clothing manufacture – Gerry cooklin, Blackwell Science, New Delhi.