

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, objectiveness of cutting and 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 automation .
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 fusible interlinings, 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. Pressing practices in Indian Industries

Reference:

1. Philip Kotler and Kevin Lane, Marketing Management, Keller, Pearson Education Inc., Delhi,. 2006.
2. Kitty G. Dickerson, Inside the Fashion Business, Pearson Education, Singapore, 2003.
3. Kathryn Mokelvey, Janine Munslow, Fashion Design Process, Innovation and Practice, Black Well Science Ltd, U.K, 2005.
4. Dudeja.V.D., Professional Management of Fashion Industry, Gangandeeep Publications, New Delhi, 2005.
5. Introduction to clothing production management – 2nd edition, A.J. Chutter, Blackwell Science, New Delhi.,2000
6. Gerry Cooklin, Garment technology for Fashion Designers –Blackwell Science, New Delhi, 2000.
7. Gerry cooklin, Introduction to clothing manufacture –Blackwell Science, New Delhi, 2000.