

CORE COURSE II : APPAREL PRODUCTION TECHNOLOGY

UNIT I

Introduction to Indian Apparel Industry - Organization structures and sectors of the Garment Industry. Introduction to various departments of Apparel Industry – Merchandising, Designing and Marketing – Sampling, Cutting, Production and Finishing – Shipping and Documentation.

UNIT II

Pre-production planning – types of samples and sample approval. Cutting Techniques – Cutting process – Marker planning – methods of planning and their use – efficiency of marker planning – spreading methods and lay planning -Fabric packages – cutting machineries and equipment.

UNIT III

Sewing Production – Seam types, stitch types. Machines used in sewing and bed shapes - Machine attachments - Machine problems and solutions - Feeding mechanism. Basic Production system – manual marking through - progressive bundle system - section or process system – synchro system – unit production system –quick response sewing system – Principle of choosing a production system.

UNIT IV

Fusing and pressing technology – Fusing definition- types of fusing material – Types of resin coating- methods of fusing- machinery and equipment for fusing. Pressing definition- purpose of pressing- categories of pressing- machinery and equipment.

UNIT V

Types of apparel products – Basic Garment, Component. Seam Identification for vest coat, shirt, trouser, skirt. Sequence of operation for vest coat, shirt, trouser, skirt, Jacket - Basic types of apparel production process.

References:

1. Harold carr & Barbara Latham, The Technology of Clothing Manufacture, oxford BSP Professional books 1994.
2. Kilgus, R. Clothing technology; From Fibre to Fashion, Verlag Europa Lehrmittel, 1996.
3. Tarlos, E. Clothing matters; Questions of dress and identity in India, Hurst 1996.
4. George.E.Belch, Michael.B.Belch, Introduction to advertising and promotion – An Integrated Marketing Communication Perspective, 1995 Richard, Irwin, Inc.
5. Varma and Aggarwal, Advertising Management, Kingsbood – Educational Publishers, Delhi 1997.
6. Chuter.A.J, introduction to Clothing and Production Management, Om Books Services, New Delhi – 1995.
7. Darlie O’Koshy – ‘Garment Exports’ Winning strategies”, Prentice Hall of India, 1997.
8. Darlie O’Koshy – Effective Export marketing of Apparels, Global Business Press – 1995.