

Computer Aided Fashion Designing

Unit – I

Classification of Computers – General and special purposes Computers – Computer Specifications – Computer components – Organisation of Computer Sections – Computer Peripherals

Different type of Computer memory. Core – tape – Magnetic disc – Drum – input and output devices – graphical plotters – flow charts – Elements of Computers Programming

Unit – II

Concepts of Computer integrated Manufacture (CIM) – Computer aided fabric design– woven and printed designs-Computer Aided Production Planning – Production Scheduling, Disposition, Order entry, Order Control.

Unit – III

Computer Application in Fabric defect checking – Fabric laying –cutting – sorting labeling.

Unit – IV

Computer application in pattern making and grading – Duplication – marker efficiency.

Unit –V

Computer application in sewing technology – Garment Design and fashion design-Computer Aided colour Matching.

Reference Books:

1. “Computer Technology for Textile”. WRC Simty Publication & Co., Atlanta 1970.
2. “Summer School on Computer Application in Textiles” ISTE, VJTI, Bombay, June 1981.