

Computer Aided Fashion Designing

Unit – I

Classification of Computers – General and Special purpose computers – computer specifications – computer components – organisation of computer sections – computer peripherals.

Different type of computer memory – core – tape magnetic disc – Drum – input and output hardware's – graphical plotters – flow charts – computer programming.

Unit – II

Concept of computer integrated Manufacture (CIM) - computer aided fabric design (printed) – Computer Aided Garment Manufacture – Computer Aided production Planning – Production Scheduling, Disposition, order entry, order control.

Unit – III

Computer Application in fabric defect checking – Fabric laying – cutting – sorting – labelling.

Unit – IV

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

Unit – V

Computer application in sewing technology – Garment Design Computer Aided colour Matching.

Reference Books:

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