CORE COURSE – X (CC)
COMPUTER APPLICATIONS IN APPAREL INDUSTRY.

UNIT 1

Computer Aided Designing: Fundamentals of CAD Design Process - application of computer for design creating - the manufacturing database benefits of computer-aided design.

UNIT 2

Computer Applications Fabric - pattern making – grading - marker making - laying-cutting – sorting and labeling - duplicating-marker efficiency. Computer applications in sewing technology - garment designing and stitching - Computer & Quality Control.

UNIT 3

Introduction to Computer Aided Process Planning: Planning function type - process planning – system generative - process planning systems benefits

UNIT 4

CAD-CAM Integration for textile Industry- Computer aided knitting - weaving and embroidery.

UNIT 5

Computer Integrated Production Management System (CIM) - Advanced Computer assorted Design.

References:

1. Winfred Aldrich, CAD in Clothing & Textiles, Blackwell science, 1994
2. Annual World, Computers in the world of textiles, Textile Institute, UK, 1984. Taylor P, Computers in
3. Fashion Industry, Heinemann pub., 1990
4. The Textile Institute. Winning through Information Technology, UK.2003
5. Berkstresser. Buhanan & Graddy, Automation in the Textile Industry: from Fibres to Apparels, The Textile institute, UK.1995
6. Veinsinet D O. Computer Aided Drafting & Design-Concept & Application, 1987