

ST. JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM

Time: 6 Hrs/Week COMPUTER AIDED TEXTILE & CLOTHING Max.Marks : 150
Practical Oriented Course

Objectives: To enable the students to –

- Imparting new techniques in rendering and presentation by using CAD
- Introduction to 3D view designing
- Implementing new concept of pattern making using CAD commands

Course:

Unit – I

- a) Basics of computerized designing
- b) Corel draw
- c) Photoshop

Unit – II CAD introduction: To set paper and practicing various commands size, limits, units, name of the file including directory, keyboard shortcuts.

Unit - III

- a) Drawing lines using CAD commands - using lines, circles, changing lines, connecting, editing and erasing lines
- b) Create movements in drawings – rotate, move
- c) Use of layers , creating, editing layers, setting the current layer

Unit – IV: Computer Aided Design

- a) Drafting and Pattern Making
- b) Creating bodice, sleeve , skirts, yokes
- c) Drawing croqui figures

Unit – V: Application of CAD for – Garment construction and Dress Designing,

References:

1. Janine Mee & Michael Purdy (1987) Modeling on the dress stand, BSP Professional Books, UK.
2. Natalie Bray (1994) Dress fitting , Blackwell, UK
3. Bane A (1996) creative clothing construction, McGraw – Hill , USA
4. Hilde Jaffe & Nurie Relis, Draping for fashion design, Prentice Hall, New Jersey, 1993
5. User's Guide – Auto CAD L T for windows 95 (1996) Auto desk Inc.
6. Winiferd Aldirch (1994) CAD in Clothing and Textiles – 2nd Edition
7. John D. & Roud (1996) Easy Auto CAD release 13 for windows with references to DOS, McGraw – Hill, USA
