**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**

1. Basics of computerized designing
2. Corel draw
3. 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**

1. Drawing lines using CAD commands - using lines, circles, changing lines, connecting, editing and erasing lines
2. Create movements in drawings – rotate, move
3. Use of layers , creating, editing layers, setting the current layer

**Unit** **– IV:** Computer Aided Design

1. Drafting and Pattern Making
2. Creating bodice, sleeve , skits, yokes
3. 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

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