

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN TEXTILE DESIGN TECHNOLOGY
SEMESTER: 4

Subject Name COMPUTER AIDED TEXTILE DESIGN

Sr.No	Course content
1	General introduction to types of CAD and specific CAD usage for textile designing.
2	Usage of CAD in printing designing.
3	Printing CAD systems used for a. Tracing b. Designing
4	Usage of CAD in weaving designing.
5	Knowledge of Corel Draw software
6	Knowledge of Phtoshop software.

PRACTICALS:

1. Input of design (Digitizing) or (Scanning).
2. Preparation of design (Repeat setting)
3. Separation of color in three methods
(a) Per color method (Conventional).
(b) Per color half toning method (For water effect)
(c) Photography method (CMYK separations)
4. Editing of separate plates.
5. Setting plate repeat size. (76 cms or 64.2 inches)
6. Output of tracing (printing or plotting)