GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN PRINTING TECHNOLOGY
SEMESTER: V

Subject Name: **Computer Aided Graphic Design**

Sr. No.	Course content
1.	**Digitization:** 1.1 Conversion of Graphic information into digitized information.. 1.2 Methods of Conversion. 1.3 Storage mediums.
2.	**Page Make up Software. (PageMaker):** 2.1 Introduction, Application & its uses. 2.2 Importing & exporting of data.
3.	**Graphic Software. (Photoshop, Corel Draw, Illustrator):** 3.1 Introduction, Application & its uses. . 3.2 Importing & exporting of graphics. Through any kind of Media.
4.	**Graphic Design. (By Use of Corel Draw Software):** 4.1 Data Entry. 4.2 Editing. 4.3 Graphic Manipulation-sizing, reverses, slanting, charge of weight and other.
5.	**Output Devices:** 5.1 Photographic, laser printer and other transforming electronic in information into graphic.
6.	**Impact of Electronic Image Setting on Printing Industry.**
7.	**Desk Top Publishing:** 7.1 Introduction & Application
8.	**Video Image Processing:** 8.1 Introduction to video image. 8.2 Methodology. 8.3 Limitations.
9.	**Modern Developments in Graphic Creations.**

Laboratory Experience:

1. Generating Data Files.
2. Processing of files in page assembly software.
3. Editing of Text.
4. Editing of illustration.
5. Text and Graphic combinations.
6. Setting of design / pages as per imposition scheme and printing methods.
7. Various kinds of outputs.
8. Inspecting design as per printing requirement.

Reference Books:

Sr. No.	Name of Books	Author
1.	Magazine Design	Walkar
2.	Book Design	Marting Duglas
3.	Design for print production	Warford, H. S
4.	Graphic Layout and Design	Silver .G
5.	A Publication Design	Hart burt