

Course : DCA Semester : II (Elective - 2)

Sub Code: 2DCA3 (B) Subject Name :

(B) Desktop Publishing (Page Maker, Photoshop)

UNIT-I

D.T.P for Publications

Introductions to Printing, Types of Printing: Offset, Flexography, Digital- inkjet and xerography, Gravure, Screen Printing, Offset Printing,

Working of offset Printing, Terms Explanation on Offset printing : Bleed, CMYK, Color Densitometer, CTP Emboss, Film ,Halftone, Impression, Large Format, Saddle Stitch, Perfect Bind, Transparent ,Printout, Negative & Positives for Plate were making,

Use of Desk Top Publishing in Publications, Importance of D.T.P in Publication, Advantage of D.T.P in Publication, Mixing of graphics & Image in a single page production, Laser printers - Use, Types, Advantage of lager printer in publication

UNIT-II

Page Layout

Different page format / Layouts, News paper page format, Page orientations, Columns & Gutters, Printing in reduced sizes.

Introductions to Page Maker

Page Maker Window, Tool Box, Grabber Hand Tool. Icon and help , Setting the Orientation, Numbering Pages, Double Sided publication, Page Setup choosing Page Size, Changing Default Setup, Inserting, Removing, Sort Page Addition, Printing From Page maker. Using Print Manager.

Tool Box, Styles, Menus etc., Different screen Views, Importing text /Pictures, Using Text Tool: Selecting Formatting Text, Typing Special characters, Correcting Mistakes, Text Block Working, Auto Flow, Columns,

UNIT-III

Master Pages and Stories, Story Editor, Can and cant do with Story editor, Using the Story Editor, The Story Window, Importing Text to into Story Editor, Searching for Text, Changing Text, The Menu Commands and short-cut commands, Spell check, Find & Replace, Import Export, Fonts, Points Sizes, Spacing etc., Installing Printers, Scaling, Creating Special Effect on Text Rotating, Skewing, Creating Drop caps, Changing Character Width, Adjusting Horizontal Spacing.

Using Graphics Tool, Drawing Graphics, Setting Line Width, Using Fills, Sizing, moving copying, positioning graphics.

Working With Colors: Defining, Assigning, Managing colors, Color Printing, Creating Custom Color Libraries. Use of D.T.P. in Advertisements, Books & Magazines, News Paper.

UNIT-IV

Introduction to Adobe Photoshop & Documents, Various Graphic Files and Extensions, Vector Image and Raster Images, Vector Image and Raster Images : Definition, Features, area where to use, Advantages and Disadvantages of both, Bitmap, Pixel, File Format jpg, gif, png, tif, bmp, psd, eps and pdfs, ai, cdr, svg, and eps & pdfs , Application Programs to work on Vector Graphics and Raster Graphics.

Various Color Modes and Models: HSB,RGB, CMYK, Lab, Bitmap, GrayScale, Duotone, Indexed Color, Multichannel, Bit Depth.

Image : Image Size and Resolution, Changing Image Size and Resolution, Getting Image from Input Devices, Creating New image in Photoshop, Using File Browser, Opening and Importing Selecting Image, Adjusting Pixel, Snap command, Saving and Loading Selection, Deleting Selection.

UNIT-V

Introduction to Screen and Work Area: Menu Bar, Option Bar, Palette, Palette Well, Active Image Area, Tool Box Opening a File , Tool Box in Detail with icon , name and usage of Each tool. Setting History Option.

Photoshop Tools & Palettes: Use of Layers : Why Use Layers, Using layer palette, Creating Layers and Layer Sets, Background layer, Working with layered Image: Layer and Layer sets, Selecting Layers, Displaying Content Of a Layer, Duplicating Layers, Changing Order of Layers, Linking and Aligning Layers, Renaming, Deleting Layer, Color Coding, Rasterizing Layer, Setting Opacity and Blending, Layer Effect and Style, Applying Preset Style, Creating Custom Style. Masking Layer

Filters: Using Filter Gallery, Filter Gallery Dialogue box, Applying and Blending Filters, Choosing Filter Effect

TEXT & REFERENCE BOOKS:

PAGE MAKER 4.0 & 5.0 BY B.P.O. PUBLICATIONS.

PRAKHAR COMPLETE COURSE FOR DTP (CORELDRAW, PAGEMAKER, PHOTOSHOP)