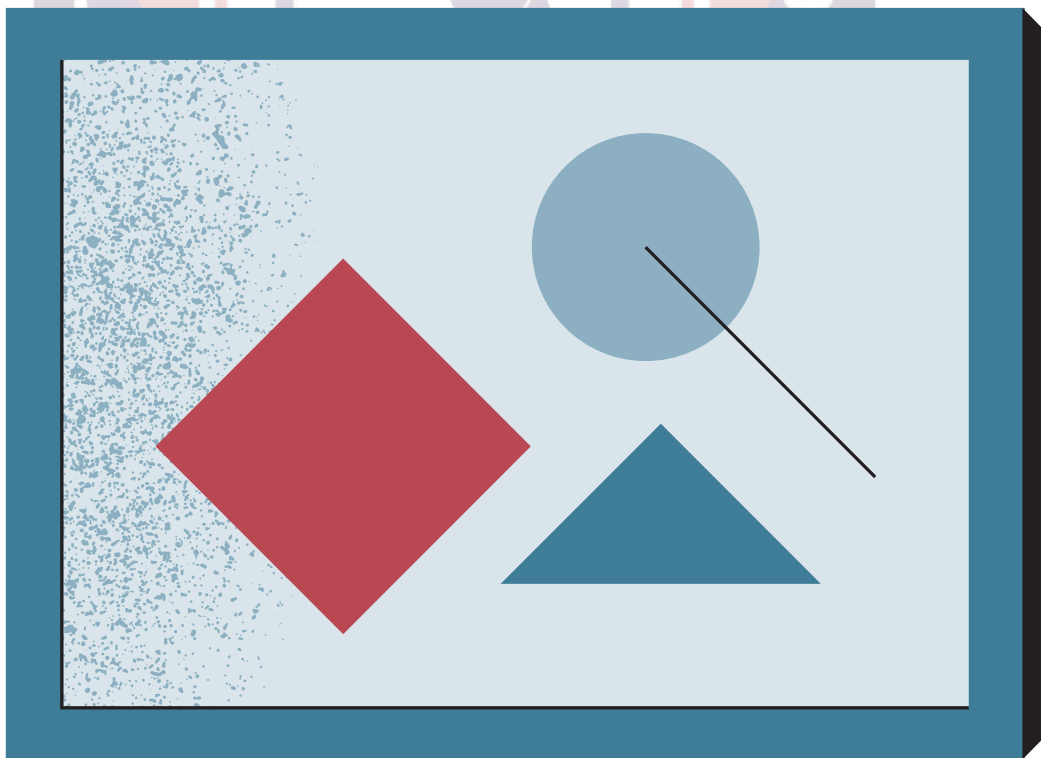


THE FUTURE TRACK

COMPUTER EDUCATION

DTP

Course



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DTP SYLLABUS

INTRODUCTION TO DESKTOP PUBLISHING

- **What is Desktop Publishing?**
 - Overview and history of DTP
 - The role of DTP in modern design and marketing
- **Tools Used in DTP**
 - Introduction to Photoshop, Canva, and CorelDRAW
 - Comparison of different DTP tools (Photoshop vs Canva vs CorelDRAW)
- **Applications of DTP**
 - Designing for print: Brochures, Flyers, Business Cards
 - Designing for digital: Social Media Graphics, Web Banners, Posters

TYPOGRAPHY AND FONTS

- **Typography Basics**
 - Understanding typefaces, fonts, and families
 - Difference between Serif, Sans-serif, and Display fonts
- **Font Selection**
 - How to choose the right font for a project
 - Font pairing and contrast techniques
- **Text Formatting**
 - Kerning, leading, and tracking
 - Alignment, indentation, and justification
- **Practical Exercises**
 - Create a typographic poster using font hierarchy

DESIGN PRINCIPLES AND LAYOUT

- **Design Principles**
 - Contrast, Repetition, Alignment, Proximity (CRAP design principle)
 - Using balance, symmetry, and asymmetry in layouts

DTP SYLLABUS

- **Grids and Layouts**
 - Setting up grids for consistent design
 - Using margins, padding, and gutters effectively
- **Designing for Print vs Digital**
 - Understanding the differences in resolution, color, and format for each medium
- **Practical Exercises**
 - Create a brochure layout using grid principles

ADOBE PHOTOSHOP

- **Introduction to Photoshop Interface**
 - Understanding the workspace: Layers, Toolbar, Panels
 - Customizing the workspace for DTP projects
- **Basic Photoshop Tools**
 - Selection tools: Marquee, Lasso, Magic Wand
 - Cropping, Resizing, and Rotating images
 - Working with brushes and erasers
- **Image Adjustments**
 - Brightness/Contrast, Levels, Curves, Color Balance
 - Hue/Saturation, Vibrance, and Selective Color adjustments
- **Working with Layers**
 - Layer properties: Opacity, Fill, Blend Modes
 - Creating and using Layer Masks for non-destructive editing
- **Advanced Photoshop Techniques**
 - Retouching images with the Clone Stamp and Healing Brush
 - Creating complex compositions with multiple images
- **Final Output**
 - Saving for web and print (JPEG, PNG, TIFF, PSD)
 - Preparing high-resolution print-ready files

DTP SYLLABUS

CORELDRAW FOR DTP

- **CorelDRAW Interface**
 - Understanding the workspace and tools specific to vector design
 - Customizing toolbars and panels for efficiency
- **Working with Vector Graphics**
 - Difference between vector and raster graphics
 - Creating and editing shapes using Pen, Bezier, and Shape tools
- **Typography in CorelDRAW**
 - Applying artistic and paragraph text
 - Text wrapping and text flow in CorelDRAW documents
- **Advanced Vector Design Techniques**
 - Creating logos, icons, and vector illustrations
 - Using layers, masks, and effects in vector design
- **CorelDRAW for Print Design**
 - Designing brochures, business cards, and large format prints
 - Understanding bleeds, margins, and color modes (CMYK for print)
- **Final Output**
 - Exporting files for commercial printing (PDF, EPS, AI)
 - Ensuring proper resolution and file setup for printers

PRINTING AND PUBLISHING

- **Print Setup**
 - Understanding print file requirements: Bleeds, margins, color profiles
 - Working with prepress settings: Imposition, trapping, and preflighting
- **Exporting for Print**
 - Best practices for exporting PDFs, TIFFs, and vector files
 - Ensuring proper resolution and color management

DTP SYLLABUS

- **Publishing for Digital**

- Exporting images for web: Optimizing for load times and screen quality
- Understanding file formats for social media and web publishing

PROJECT WORK

- **Final Project**

- Design a comprehensive marketing package (Brochure, Business Card, Poster, Social Media Graphics)

- **Real-world Applications**

- Case studies of successful DTP projects
- Portfolio development and presentation of final designs

