E-PUBLISHING TOOLS

LAB EXERCISES

EX.NO:01

BUSINESS CARD WITH A LOGO

AIM:

To create a business card with a logo using various text styles, Rectangle tool, Ellipse tool, and Text tool in CorelDRAW.

PROCEDURE:

1.Open CorelDRAW.

2.Click File → New.

3.Set the page width to 3.5 inches.

4.Set the page height to 2 inches.

5.Set the resolution to 300 dpi.

6.Select CMYK color mode.

7.Enter a document name.

8.Click OK to create the document.

9.Go to Layout → Page Setup → Guidelines.

10.Drag guidelines from the rulers to set margins.

11.Select the Rectangle Tool.

12.Draw a rectangle covering the entire card.

13.Apply a background color to the rectangle.

14.Select the Ellipse Tool.

15.Draw a circle for the logo by holding the Ctrl key.

16.Draw a rectangle inside the circle using the Rectangle Tool.

17.Select the Text Tool from the toolbox.

18.Click and drag to draw a text box at the required position.

19.Type the logo name inside the text box.

20.Apply suitable font style, font size, and text color.

21.Apply colors to the ellipse and rectangle of the logo.

22.Select the logo shapes and text using Pick Tool + Shift.

23.Group the logo elements.

24.Place the logo at the top-left corner of the business card.

25.Draw another text box and type the company name and slogan.

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26.Draw a text box for director name, contact number, and email ID.

27.Draw text boxes for business details and address information.

28.Save the design using File → Save As in .cdr format.

RESULT:

Thus, a business card with a logo was successfully created using various text styles, Rectangle tool, Ellipse tool, and Text tool in CorelDRAW.

EX.NO:02

NOTEBOOK WRAPPER DESIGN

AIM:

To create a notebook wrapper design using fountain fill and pattern fill tools in CorelDRAW.

PROCEDURE:

General:

1.Open CorelDRAW and click on a blank document.

2.Enter a name for the document and click OK.

3.The drawing window opens.

4.For the notebook wrapper design, set the required width and height in inches in the property bar. (The width and height include the front cover, back cover, and middle binding portion.)

5.Select the Rectangle Tool and draw a rectangle on the drawing page. The dimensions of this rectangle should match the width and height of the front cover. Move this rectangle to the extreme right of the drawing page using the Pick Tool.

6.Draw another rectangle with the same dimensions and move it to the extreme left of the drawing page using the Pick Tool. This is for the back cover.

7.Draw another rectangle with the required dimensions for the middle binding portion. Move this rectangle between the front and back cover rectangles, position it correctly, and fill it with the desired color.

Front Cover Design:

1.Select the front cover rectangle using the Pick Tool. Choose the Interactive Fill Tool, select Fountain Fill from the property bar, and choose a fountain fill type (for example, Linear). Set the start color and end color, adjust the midpoint slider, and apply transparency if required.

2.Select the Text Tool and enter the heading text (for example, "XYZ POLYTECHNIC COLLEGE"). Set the required font, font size, text effects, and transparency using the property bar and the Object Properties docker. Move the text to the top of the front cover and position it correctly using the Pick Tool.

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3.Import the required image by selecting File → Import. Resize the image to the needed size and place it at the center of the front cover rectangle.

4.Select the Rectangle Tool to design a label. Resize it as required and round the corners using the Shape Tool. Move the label to the bottom of the front cover rectangle and position it properly.

5.Inside the label, use the Text Tool to type the required details (for example, Name, Roll No, and Class) and position the text correctly.

6.Select the 2-Point Line Tool and draw lines beside the text entered.

7.Now, the front cover design is completed.

Back Cover Design:

1.Select the back-cover rectangle using the Pick Tool.

2.Select the 3-Point Curve Tool, click at the bottom-left corner, drag to the top-right corner, release the mouse button, move the cursor upward to get the required curve, and click. Draw another similar curve below the first one.

3.Again, using the 3-Point Curve Tool, click at the bottom-left corner and drag toward the right border. Release the button, move the cursor downward as required, and click to complete the curve.

4.Select the Smart Fill Tool and click on the leftmost area. Then select the Interactive Fill Tool, choose Vector Pattern Fill from the property bar, and set the outline, vector pattern, and transparency as desired using the properties docker. Adjust the sliders as required.

5.Select the Smart Fill Tool again and click on the area between the top two curves. Apply Bitmap Pattern Fill using the Interactive Fill Tool and adjust the settings as required.

6.For the area between the second and third curves, apply Fountain Fill using the same procedure.

7.For the area below the third curve, apply Two-Color Pattern Fill.

8.Using the Text Tool, type the required text, position it properly, and apply suitable font, font size, text effects, and transparency.

9.Now, the back-cover design is completed.

10.Select View → Full Screen Preview and File → Print Preview. If any changes are needed, modify the design until you are satisfied.

11.After completing the design, save the file by selecting File → Save.

RESULT:

Thus, a notebook wrapper design is successfully created using fountain fill and pattern fill tools in CorelDRAW.

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EX.NO:03

BLENDING OBJECTS

AIM:

To transform one object into another object using the Blend Tool in CorelDRAW.

PROCEDURE:

To Blend One Object into Another:

1.Create two objects and apply colors (for example, a square and a circle). Select the Blend Tool from the toolbox.

2.Click on the first object and drag the cursor to the second object.

3.Release the mouse button. Intermediate objects connecting the two objects will appear.

4.In the property bar, change the number of steps or adjust the spacing between steps in the Blend Objects list box to set the required number of intermediate objects.

5.If the size, shape, color, or any other property of the original objects is changed, the intermediate objects will automatically update.

Blending Along a Freehand Path:

To blend an object along a freehand path, hold down the Alt key and drag from the first object to the second object while drawing a freehand line.

Blending Along a Predefined Path:

1.Draw a curve to be used as the predefined path.

2.Click the Path Properties button on the property bar and select New Path.

3.Point to the drawn curve.

4.The original objects and intermediate objects will align themselves along the curve.

5.To stretch the blend over the entire path, select the blend fitted on the path.

6.Click the More Blend Options button on the property bar.

7.Enable the Blend Along Full Path check box.

Splitting a Blend:

1.Select the blend.

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2.Click the More Blend Options button on the property bar.

3.Click the Split button.

4.Click on the intermediate object at the point where the blend needs to be split.

5.Drag the split portion to a different location to identify it.

To Remove a Blend:

1.Select the blend.

2.Click the Clear Blend button.

RESULT:

Thus, one object is successfully transformed into another object using the Blend Tool in CorelDRAW.

EX.NO:04

INVITATION DESIGN

AIM:

To design an invitation for the college convocation using text tools, shape tools, images, and tables in the page layout software CorelDraw.

PROCEDURE:

1.Open CorelDraw and select File → New. The New Document dialog box appears.

2.In the dialog box, set the following options:

      o Size: Letter

      o Orientation: Portrait

      o Margins: Set margins according to your design needs (for example, 0.5 inches on all sides).

      o Click OK.

3.Go to Insert → Shape → Default Shapes and select the Rectangle shape.

4.Click and drag on the document to draw a rectangle that covers the entire page.

5.Right-click the shape, choose Properties → Colors, and apply the required fill color. Adjust the shade as needed.

Inserting Logo:

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6.Go to Insert → Image Frame.

7.Click and drag to create the image frame. Right-click the frame and select Get Image, then locate and insert the logo.

8.After placing the logo, right-click the frame and select Adjust Image to Frame. Resize and position it at the top-left corner using the Select Tool.

Using Text Frame Tool:

9.Select the Text Frame Tool from the toolbar.

10.Click and drag to create a text frame at the top-right of the logo.

11.Double-click inside the text frame and type the following content:

MUTHAYAMMAL POLYTECHNIC COLLEGE

NAMAKKAL, TAMILNADU, INDIA

12. Select the text frame using the Select Tool.

13. Go to Window → Content Properties. The Text Properties panel appears.

14. Select the text to be formatted.

15. In the Text Properties panel, adjust the font, size, color, line spacing, and alignment as required.

16. Repeat steps 9 to 15 for the following text and place it just below the previously created text:

40th CONVOCATION CEREMONY

INVITATION

Inserting Image:

17.Follow steps 6 and 7 to insert an image. Resize and position the image at the center of the document, just below the text created in step 16.

Inserting Table:

18.Go to Insert → Table.

19.In the dialog box, specify:

•Rows: 3

•Columns: 2

Then click OK.

20.Click and drag on the document to create the table frame. Position it below the image and center-align it.

21.Double-click inside the table cells and enter the following details:

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DATE – 18/03/25

TIME – 10 AM

VENUE – ANNAI AUDITORIUM

22. Right-click the table, go to Content Properties, and adjust the font, size, color, and alignment of the text.

23. Go to Properties and adjust the table borders, background color, and spacing as required.

Using Text Frame Tool:

24. Repeat steps 9 to 15 to insert and format the following text. Place it below the table and center-align it:

You are cordially invited

Please join us

25. Similarly, insert and format the following text and position it as shown in the output:

PROGRAM HIGHLIGHTS

Guest of Honor: Dr. Mathew, Principal, YYY Engineering College, Namakkal

Keynote Speaker: Dr. Prabhu, HOD, ZZZ Engineering College, Chennai

Awards and Honors Presentation

Graduation Certificate Distribution

Please confirm your attendance by 25/02/25

Contact Number: 94425*****

Email ID: aaapolytechnic@gmail.com

Website: www.aaapolytechnic.com

Save and Export:

26. Save the CorelDraw document by selecting File → Save As.

27. To prepare the invitation for printing, go to File → Export → Save as PDF and choose appropriate print settings (for example, high resolution and CMYK color mode).

RESULT:

Thus, an invitation for the college convocation is successfully designed using text tools, shape tools, images, and tables in CorelDraw.

LAB EXERCISES

EX.NO:05

SELECTION TOOLS

AIM:

To create a design using various selection tools by cutting and pasting images in Photoshop.

PROCEDURE:

Images Used:

i) Sky

ii) Star

iii) Birds

iv) Building

v) Clock

vi) Horse

vii) Kolam

viii) Photo Frame

Steps:

1.Open Photoshop. Open the background image (Sky). Zoom it to the required size using the Zoom Tool.

2.Drag the above images onto the Photoshop icon at the bottom of your desktop. OR Open the images one by one using File → Open.

3.Right-click on the Photoshop icon and select the Photo Frame file. This opens the photo frame image. To view it simultaneously with the background, choose Window → Arrange → Float in Window. Use the Rectangular Marquee Tool to select the frame. To reduce the size of the frame, go to Edit → Free Transform or press Ctrl+T. Resize it and go to Edit → Cut or press Ctrl+X.

4.Click on the background image. Go to Edit → Paste or press Ctrl+V. A new layer is formed. Rename the layer with a relevant name. Using the Move Tool, move the frame to the desired location.

5.Open the Star image. Use the Polygonal Lasso Tool to select the star. Resize it as required and cut the selected star.

6.Click on the background image. Press Ctrl+V to paste the star. Use the Move Tool to place it in the desired location.

7.Use the Elliptical Marquee Tool to select the clock from the Clock image and apply the same procedure followed in Steps 3 and 4.

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8.Use the Lasso Tool to select a bird from the Birds image and apply the same procedure.

9.Use the Quick Selection Tool to select the building from the Building image and apply the same procedure followed in Steps 3 and 4.

10.Use the Magic Wand Tool to select only the Kolam portion from the Kolam design image and apply the same procedure followed in Steps 3 and 4.

11.Use the Magnetic Lasso Tool to select the horse from the Horse image and apply the same procedure followed in Steps 3 and 4. Select the horse layer and choose Edit → Transform → Rotate. A bounding box appears. Move the pointer outside the bounding box and drag to rotate it to the desired angle.

12.Now a design is created using various selection tools by cutting and pasting images.

13.To save the design, go to File → Save As. Save the design in Photoshop format (.PSD).

RESULT:

Thus, a design is successfully created using various selection tools and cutting and pasting images in Photoshop.

EX.NO:06

CHANGING BACKGROUND COLOR

AIM:

To create a passport size photo by removing the background of a photo and changing it to blue color.

PROCEDURE:

1.Go to File → Open. Select the photo you want to convert into a passport size photo.

2.Select the Crop tool from the toolbar.

3.In the options bar, set the passport size dimensions: Width: 3.5 cm, Height: 4.5 cm, Resolution: 300 pixels/inch.

4.Drag the crop box over the required area of the photo (face and shoulders).

5.Press Enter or right-click and select Crop.

6.To adjust brightness and contrast, go to Image → Adjustments → Brightness/Contrast, make changes and click OK.

7.To adjust levels, go to Image → Adjustments → Levels, fine-tune light and shadows, and click OK.

8.Select the Magic Wand Tool to select the background.

9.Choose blue color from the color picker and click OK.

10.Go to Edit → Fill and select Background Color to fill the background with blue. Click OK.

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11.Go to File → Save As. Save the image in JPEG format with high-quality settings.

RESULT:

Thus, a passport size photo is successfully created by removing the background and changing it to blue color.

EX.NO:07

FILTERS AND BLENDING MODES

AIM:

To create a pencil sketch of an image by applying various filters and blending modes.

PROCEDURE:

1.Open an image that has some decent edge details.

2.Go to Image → Adjustments → Desaturate. This converts the image into grayscale.

3.Right-click on the desaturated layer and select Duplicate Layer.

4.Go to Image → Adjustments → Invert. This will invert the duplicated layer.

5.In the Layers panel, change the blending mode from Normal to Linear Dodge. You should see a perfectly white image.

6.Go to Filter → Blur → Gaussian Blur. The Gaussian Blur dialog box appears.

7.Adjust the radius slider until you get a pencil sketch effect. Then click OK. Linear Dodge produces a softer result.

8.After inverting, change the blending mode from Normal to Color Dodge.

9.Then go to Filter → Blur → Gaussian Blur.

10.Adjust the slider until you get a pencil sketch effect. Then click OK. Color Dodge produces sharper edges.

11.Go to File → Save As and save the pencil sketch in PSD format.

12.Close the program.

RESULT:

Thus, a pencil sketch of the image is successfully created by applying various filters and blending modes.

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EX.NO:08

LAYER MASKING

AIM:

To create a design with the use of a layer mask using two images as back-ground and foreground.

PROCEDURE:

1.Create a new document.

2.Open the two images you want to combine (e.g., Sky and Birds).

3.Select the first image (Birds), choose the Move Tool, and drag it into the new document. This becomes Layer 1.

4.Repeat the process for the second image (Sky). This becomes Layer 2.

ADDING A LAYER MASK:

5. Select the top image layer (Sky) in the Layers panel.

6. Click the Add Layer Mask button. This adds a white layer mask. White reveals the layer, black hides it.

PAINTING ON THE LAYER MASK:

7. Ensure the layer mask thumbnail has a white border. If not, click the thumbnail to select it.

8. Select the Brush Tool and set the desired brush size and hardness.

9. Press D to reset foreground/background colors, then X to switch between black (hide) and white (reveal).

10. Paint with black over areas to hide (e.g., hide parts of Sky to show Birds).

11. If you hide too much, paint with white to reveal hidden areas.

12. Zoom in for final adjustments, resizing the brush as needed.

SAVING YOUR WORK:

13. Save the file in .PSD format to retain layers and layer masks for future editing.

RESULT:

Thus, a design is created with the use of a layer mask using two images as background and foreground.

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EX.NO:09

DESIGNING A TRI-FOLD BROCHURE FOR COLLEGE WORKSHOP

AIM:

To design a multipage document like a tri-fold brochure using various elements in CorelDRAW for the college workshop.

PROCEDURE:

1) OPENING COREL DRAW AND SETTING UP THE DOCUMENT:

1.Open CorelDRAW and create a New Document → Brochure (Landscape).

2.Turn on Rulers and Guidelines from the View menu to help with precise placement.

3.Add a second page if required: Page 1 for the front side, Page 2 for the back side.

2) PANEL FORMATION (PAGE 1 – FRONT SIDE):

4. Use the Rectangle Tool from the toolbox to draw a rectangle.

5. Resize the rectangle to page height and 1/3 of page width using rulers. Move this rectangle to the left of Page 1. This is Panel 3.

6. Duplicate Panel 3 and move the copy to the middle of Page 1. This is Panel 6 (Back cover).

7. Duplicate Panel 3 again and move it to the right side of Page 1. This is Panel 1 (Front cover).

8. Apply background color, border color, and border style to all panels.

3) PANEL FORMATION (PAGE 2 – BACK SIDE):

9. Repeat steps 4–8 on Page 2 to create Panel 2 (left), Panel 4 (middle), and Panel 5 (right).

4) DESIGNING PANELS (ADDING CONTENTS):

Panel 1 (Front cover – Page 1, right)

10. Add text using the Text Tool → Click to insert text. Set the font, size, color, effects, and align it properly.

11. Insert images or logos using File → Import, locate the file, and place it in Panel 1. Resize and position it as needed.

12. To add shapes like rectangles, use the Rectangle Tool, resize, position, and apply fill color, outline color, and outline style.

13. To group elements, select them, then go to Arrange → Group.

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Panel 6 (Page 1, middle)

14. Add text and images as required.

15. Follow the same procedure as Panel 1 (steps 10–13).

Panel 3 (Page 1, left)

16. Add text and images as required.

17. Follow the same procedure as Panel 1 (steps 10–13).

Panel 2 (Page 2, left)

18. Add text and images as required.

19. Follow the same procedure as Panel 1 (steps 10–13).

Panel 4 (Page 2, middle)

20. Add text and images as required.

21. Follow the same procedure as Panel 1 (steps 10–13).

Panel 5 (Page 2, right)

22. Add text and images as required.

23. Follow the same procedure as Panel 1 (steps 10–13).

5) REVIEW AND EXPORT:

24. Review the entire brochure layout for errors and make corrections.

25. Export the file: File → Export.

26. For printing, select PDF; for sharing digitally, select PNG/JPG.

27. Save the exported file to your system.

RESULT:

Thus, a multipage tri-fold brochure is designed in CorelDRAW using various elements, with properly aligned panels, text, and images, suitable for printing or digital sharing.

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LAB EXERCISES

EX.NO:10

STYLISH CALENDAR SHEET

AIM:

To prepare a stylish calendar sheet by using tables and formatting tools in Canva.

PROCEDURE:

1.Click Create a Design and choose A4 or Letter size.

2.Go to Elements → Rectangle, drag it to cover the design, and apply the desired background color.

3.Draw a rectangle at the bottom for the calendar table border.

4.Inside the table, create 7 columns and 6 rows (42 cells) by resizing the first rectangle and duplicating it across rows and columns.

5.Select all cells and apply border style and color.

6.Double-click each cell and enter the dates for December 2025.

7.Apply font, size, style, and color to all dates, and color Sundays/holidays in red.

8.Add an image: Go to Uploads → Upload files, drag the image to the top, and resize to fit the calendar width.

9.Add the calendar title "DECEMBER 2025" below the image using the Text Tool; format text as desired.

10.Add your publication name "NV PUBLICATIONS" at the top of the image; apply font, size, and color.

11.Review the entire design for alignment, spacing, and visual balance.

12.Download the calendar: Click Share → Download, select PDF (print) or PNG/JPG (sharing), and save to your system.

RESULT:

Thus, a stylish December 2025 calendar sheet is created in Canva with a neatly formatted table, images, and text, ready for printing or digital use.