



# **RAJALAKSHMI ENGINEERING COLLEGE**

**An AUTONOMOUS Institution**  
**Affiliated to ANNA UNIVERSITY, Chennai**

**DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**

**ACADEMIC YEAR 2024-2025 ODD SEMESTER**



**CD23332**

**LAB MANUAL**

**SECOND YEAR**

**THIRD SEMESTER**

**2024- 2025**

**ODD SEMESTER**

List of Experiments	
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector
2	Design to help people to sell their handmade products in metro cities
3	Design a social media website and chat
4	Design a publication that support different languages
5	Design a publication that tells comic stories
6	Design an advertisement for mobile company
7	Design an advertisement for any political party with images
8	Design an advertisement for electronic products
9	Design an advertisement for food products
10	Design an interactive website for new institution
11	Design a blog that publish educational post
12	Design an interactive website for hospital management system
13	Design an interactive website for food selling app
Requirements	
Hardware	Intel i3 or AMD processor with 64-bit support;2 GHz or faster processor with SSE 4. or later- 8 GB RAM -Windows 10 64-bit (version 1909)or later - 1.5 GB of GPU memory -4 GB of available hard-disk space
Software	Figma, Adobe Photoshop, HTML and CSS
Operating System	Windows

## LAB PLAN

### CD23332-DESIGN PROCESSES AND PERSPECTIVES LAB

Exercise no.	Exercise Name	Required Hours
1	Design to teach mathematics to the children of 4-5 years age in school in Rural sector	3
2	Design to help people to sell their handmade products in metro cities	6
3	Design a social media website and chat	3
4	Design a publication that support different languages	3
5	Design a publication that tells comic stories	3
6	Design an advertisement for mobile company	3
7	Design an advertisement for any political party with images	9
8	Design an advertisement for electronic products	6
9	Design an advertisement for food products	6
10	Design an interactive website for new institution	6
11	Design a blog that publish educational post	6
12	Design an interactive website for hospital management system.	3
13	Design an interactive website for food selling app.	3

**Course Outcomes (COs)****Course Name: Design Processes and Perspectives****Course Code: CD19341**

Outcome 1	Understand the various graphic design thinking process and phases
Outcome 2	Analyze and choose between various visual components
Outcome 3	Designing and communicating visual components
Outcome 4	Apply design concepts for media publishing and advertising
Outcome 5	Create website using different design concepts

**CO-PO – PSO matrices of course**

PO/PSO CO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CD19341. 1	3	1	3	2	3	2	3	2	1	1	1	3	1	3	1
CD19341. 2	3	-	3	-	3	-	-	-	-	-	1	1	1	3	1
CD19341. 3	3	3	3	2	3	-	-	-	-	-	-	1	1	3	2
CD19341. 4	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
CD19341. 5	1	3	3	3	3	3	2	2	2	2	2	2	1	3	3
Average	2.2	2.0	3.0	2.0	3.0	1.6	1.4	1.0	1.0	1.0	1.2	1.8	1.0	3.0	2.0

Note: Enter correlation levels 1,2 or 3 as defined below:

1: Slight(Low) 2: Moderate(Medium) 3: Substantial(High) If there is no correlation, put “-“

**Expt. No.:1**

**Date:**

**Design to teach mathematics to the children of 4-5 years age in school in Rural sector**

**Aim:** To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

**Tools:** Figma, Photoshop

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:



**Expt. No.:2**

**Date:**

**Design to help people to sell their handmade products in metro cities**

**AIM:** To Design an UI that can help people to sell their handmade products in metro cities

**Tools:** Figma, Photoshop

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Buttons and attractive fonts have been used.
5. Proper navigation should be done to move from one page to another.
6. Login page has to be included.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:





**Expt. No.:3**

**Date:**

**Design a publication that tells comic stories**

**Aim:** To design a Publication That Tells Comic Stories

**Tools:** Adobe Photoshop

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used.
4. Use different languages to display the content.
5. Use images that support the content.
6. Align white spaces between the contents.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

**OUTPUT:**



**Expt. No.:4**

**Date:**

**Design an advertisement for mobile company**

**Aim:** To design an advertisement for mobile company

**Tools:** Adobe Photoshop, Canva

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos
3. Gradient color panel has to be used
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:

NEW BRAND

SMARTPHONE

Attractive offers just for you

35% OFF

BUY NOW

Contact Us:  
123-456-7890

For Website:  
[www.reallygreatsite.com](http://www.reallygreatsite.com)

**Expt. No.:5**

**Date:**

**Design an advertisement for any political party with images**

**Aim:** To design an advertisement for any political party with images

**Tools:** Adobe Photoshop, Canva.

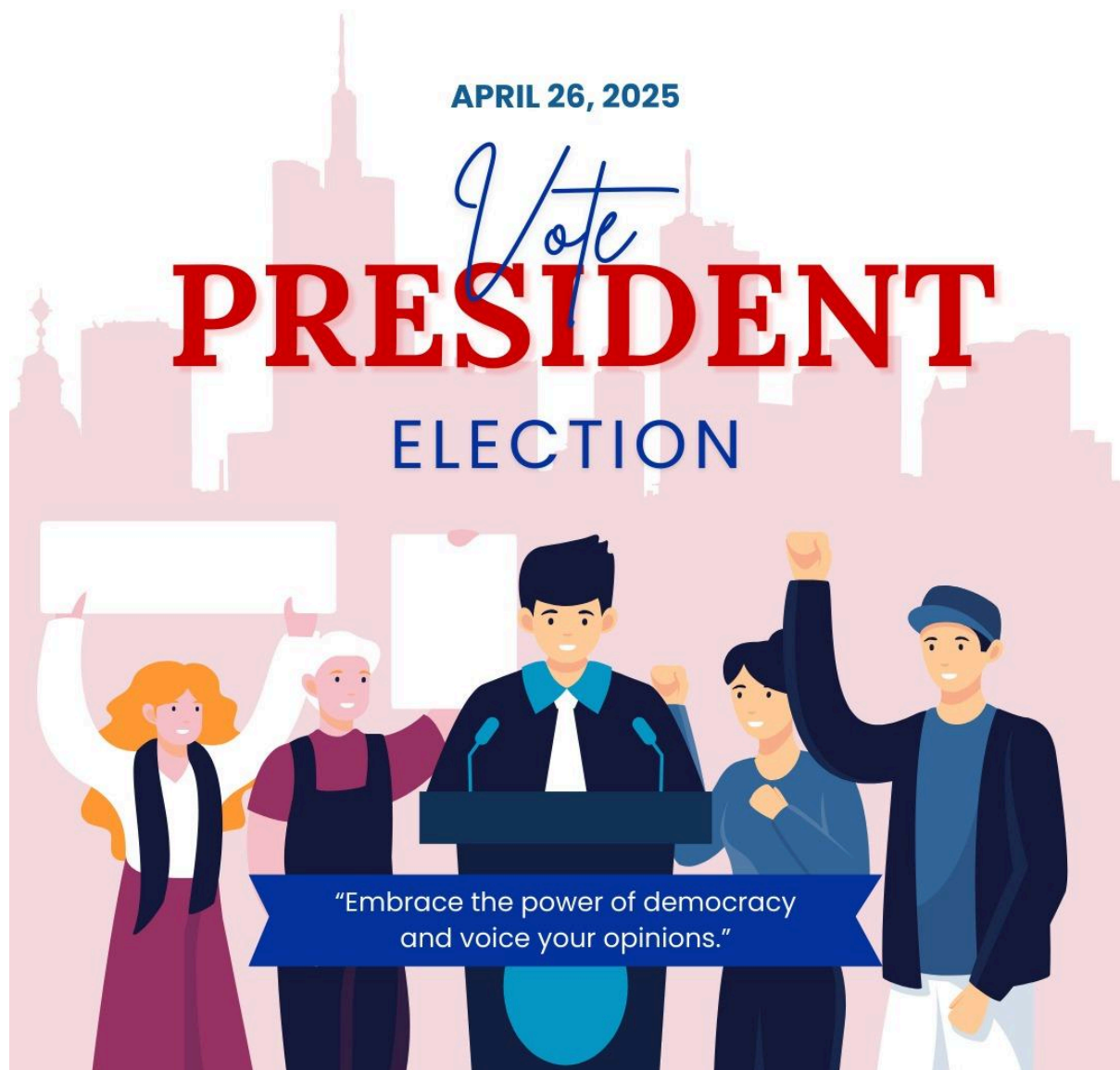
**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used.
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:



**Expt. No.:**6

**Date:**

### **Design an advertisement for electronic products**

**Aim:** To design an advertisement for electronic products

**Tools:** Adobe Photoshop, Canva

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:

@reallygreatsite

# Super Sale

Gaming Laptop  
16 GB RAM + 2 TB SSD

30%  
OFF

Shop Now



**Expt. No.:**7

**Date:**

### **Design an advertisement for food products**

**Aim:** To design an advertisement for food products

**Tools:** Adobe Photoshop, Canva

**Steps:**

1. Create a new background layer.
2. Create containers for placing images, icons and logos.
3. Gradient color panel has to be used .
4. Images that support the context must be placed.
5. Written context must be emphasized.
6. Appropriate color palette must be used.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

OUTPUT:

Salford & Co.

*Super Delicious*  
**Burger**

**50% OFF**

123 Anywhere St., Any City  
reallygreatsite.com

**ORDER NOW**  
+123-456-7890

**Expt. No.:8**

**Date:**

## **Design A Blog That Publish Educational Post**

**Aim:** To design a blog that publishes educational post

**Tools:** HTML, CSS

**Steps:**

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

**OUTPUT:**



# ONLINE LEARNING

**ADVANTAGES OF  
ONLINE EDUCATION:**

- 1 Availability
- 2 Flexibility
- 3 Effectiveness

@reallygreatsite

**Expt. No.:9**

**Date:**

## **Design An Interactive Website For Hospital Management System**

**Aim:** To design interactive website for hospital management system

**Tools:** HTML, CSS

**Steps:**

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience.

Welcome to Our Hospital

[Get Started](#)



Our Services



Emergency Care

24/7 emergency services to handle critical cases promptly.



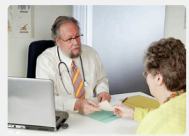
Surgery

State-of-the-art surgical facilities for all major procedures.



Pharmacy

On-site pharmacy for all your prescription needs.



Consultation

Expert doctors providing personalized health consultations.

Patient Management

Manage patient details, medical history, and health records easily.

[View Records](#)

Doctor Management

Maintain doctor schedules, specialties, and contact information.

[View Doctors](#)

Appointments

Schedule appointments quickly and keep track of schedules.

[Book Now](#)

Contact Us

Reach out to us for any queries or assistance.  
Email: [support@hospital.com](mailto:support@hospital.com) | Phone: +123 456 7890

**Expt. No.:10**

**Date:**

## **Design An Interactive Website For Food Selling App**

**Aim:** To design a interactive website for food selling app

**Tools:** HTML, CSS

**Steps:**

1. Create a document of type HTML.
2. Craft a style sheet for better design.
3. Include the link of the stylesheet to the HTML file.
4. Assign a title for each page.
5. Add the required styles and attributes for the HTML tags.
6. Include action tag to navigate from one page to another.

**Result:**

Designs that prioritize user engagement and simplicity, enhanced with responsive layouts and high-quality visuals for a seamless experience

OUTPUT:

FoodieApp

[Home](#)[Menu](#)[Offers](#)[About Us](#)[Contact](#)

## Welcome to FoodieApp

Delicious food delivered at your doorstep!

[Order Now](#)

### Our Menu

**Pizza**

Freshly baked with the finest ingredients.

[Add to Cart](#)

**Burger**

Juicy and packed with flavor.

[Add to Cart](#)

**Pasta**

Rich and creamy Italian delicacies.

[Add to Cart](#)

**Desserts**

Sweet treats to end your meal perfectly.

[Add to Cart](#)

### Special Offers

**50% Off on Your First Order!**

Use code: FIRST50 at checkout.

[Claim Offer](#)

### About Us

At FoodieApp, we believe in delivering the best food to your doorstep. With a wide variety of cuisines and top-notch quality, we make your dining experience memorable.

### Contact Us

Email: [support@foodieapp.com](mailto:support@foodieapp.com) | Phone: +123 456 7890

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