



# 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**

<b>List of Experiments</b>	
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
<b>Requirements</b>	
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**

<b>Exercise no.</b>	<b>Exercise Name</b>	<b>Required Hours</b>
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 matricesofcourse**

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

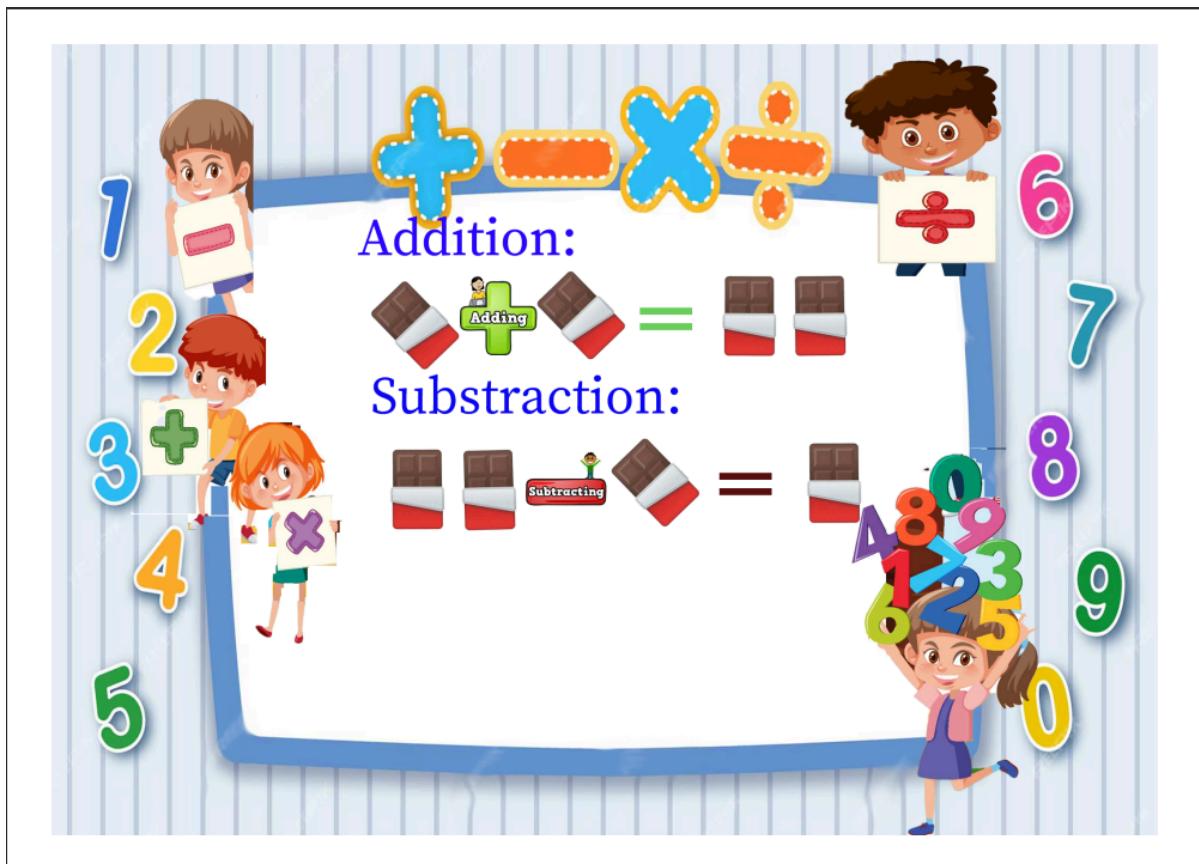
**Steps:**

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:**

**HAND MADE MARKET**

**50% DISCOUNT  
SPECIAL OFFERS  
AVAILABLE**

56, MGI STREET,  
ANNA NAGAR  
CHENNAI  
TAMIL NADU

The collage features several images of handmade items: a greeting card with roses; colorful crocheted items; lit candles in small jars; a collection of vases and bowls; a person painting a colorful pot; a display of dried flowers and wreaths; a stack of cotton cloths; and a row of bottles repurposed as vases.

**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:**



**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:



**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:

New Tastes!

# PIZZA MENU

ONLY  
\$50

DELIVERY ORDER  
+123-456-7890

OUR STORE  
123 Anywhere St., Anycity

Buy Now!

**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:**

Studio Shodwe

# ONLINE COURSES

Improve your skills by taking our online courses on web development.

**SUNDAY**  
09 - 10 AM

**JOIN NOW**

[www.onlinesetsite.com](http://www.onlinesetsite.com)

The graphic includes a decorative grid icon in the top left, a circular inset in the top right showing two students working at a table, and a large blue call-to-action button containing the day and time information.

**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 Management System

Home Patients Doctors Appointments Contact Us

# HOSPITAL

## Providing Quality Healthcare to Our Community

Our hospital is dedicated to providing high-quality healthcare services with a focus on patient care, safety, and comfort. We offer comprehensive services ranging from diagnostics, treatment, surgeries, to rehabilitation, all under one roof.

[Book an Appointment](#)

### Our Services

**Emergency Care**  
24/7 emergency services to handle critical medical situations with immediate attention.

**Outpatient Services**  
Comprehensive outpatient care with specialized doctors, including diagnostics and treatment.

**Inpatient Care**  
Comfortable and fully equipped rooms for overnight stays with continuous monitoring and care.

## About Us

Our hospital has been serving the community for over 20 years. We have a dedicated team of medical professionals, including experienced doctors, nurses, and support staff. Our mission is to provide affordable and accessible healthcare to everyone.

We pride ourselves on our state-of-the-art facilities and cutting-edge technology, which allows us to offer the best possible care to our patients. From routine check-ups to complex surgeries, our team is here to ensure your health and well-being.

## What Our Patients Say

"The care I received here was exceptional. The staff was compassionate, and the facilities were top-notch. I felt at home during my stay!"

- John Doe, Cardiac Surgery Patient

"The doctors and nurses were very professional and took great care of me. I'm grateful for their expertise and kindness!"

- Sarah Lee, Maternity Patient

## Contact Us

If you have any questions or need more information, feel free to reach out to us. We're here to help!

Email: [contact@hospital.com](mailto:contact@hospital.com)

Phone: +123-456-7890

Address: 123 Main Street, City, Country

**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:

**FoodieDelight**

Home Menu About Contact

Welcome to FoodieDelight

Your favorite meals delivered fresh and fast.

Order Now

### Our Menu



Grilled Chicken

\$12.99



Fish fry

\$9.99



Veggie Pizza

\$11.49

### About Us

At FoodieDelight, we are passionate about delivering high-quality, delicious food that brings joy to your taste buds. We source the freshest ingredients to ensure every meal is perfect.

© 2024 FoodieDelight. All Rights Reserved.

