



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

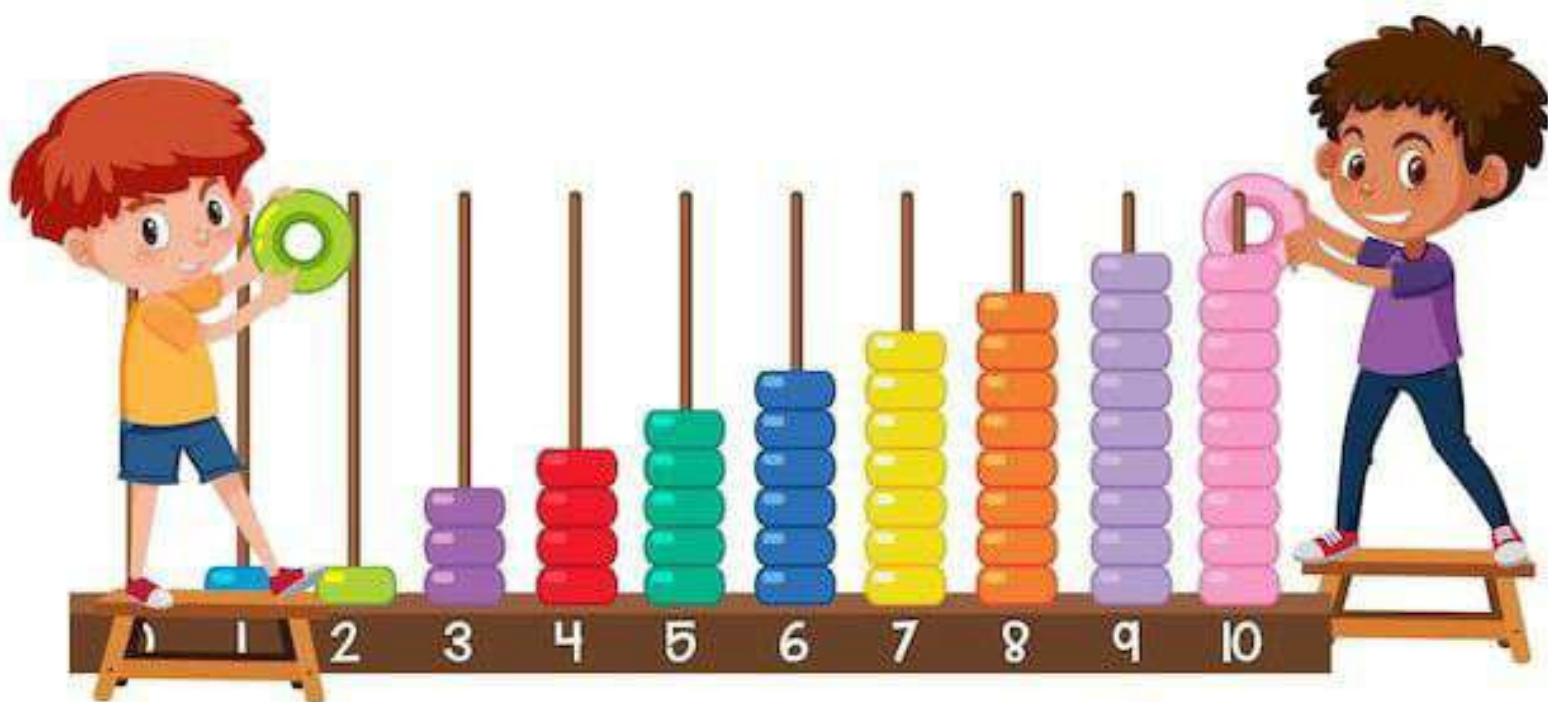
Aim: To design a user interface for teaching mathematics to the children of 4-5 years age in school in the rural sector.

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.

Output:



MATH

Result:

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.

Output:



SHOPRSHOP

Anything worth having takes time. Be gentle with yourself. ❤️



FREE SAMPLE

Different scents to influence your mood.
Comes in many colors to suit every room.
Creates a beautiful, relaxing atmosphere.

share and use
#YOURTAG
to get the prize

5 WINNERS



NOW IN STOCK

SHOP NOW TO GET \$20 OFF!
www.yourwebsite.com




NEW FRAGRANT

YOUR BUSINESS NAME HERE
WWW.YOURWEBSITE.COM

Trim Your Wick

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et.

SHOP NOW




PRICE LIST

Wood Wick Candle	\$50
Floating Candle	\$45
Votive Candle	\$40
Container Candle	\$35




Bestsellers

YOUR BUSINESS NAME HERE




Holiday Release

A gift from our store
shop if come today!

SHOP NOW





Coming Soon Coming Soon Coming Soon

"Take the candle and light the world."

SHOP NOW

Result:

Expt. No.:3

Date:

Design a social media website and chat

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

Output:













Groups



Family Group
Hey, What's up




Business Group
Today Meeting is Over 🙌




Friends Group
where are you buddy's 🤔


Personal



Cindrella
Going to print it now.



Benny
Sure, Thank's



Aisha
See you Tomorrow



Benny
Online



Today

Hi there, How are you?

9:20 AM

I am great, Thanks!

9:23 AM

Can you send me my newest work schedule?

9:25 AM

Okay, give me some time to make a schedule for you

9:27 AM

 Enter Your Message



Result:

Expt. No.:4

Date:

Design a publication that support different languages

Aim: To design a publication that support different language

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.

Output:

Languages & regions

See news from up to two language and region pairs of interest

Your languages & regions

English (India)

Primary (You'll see more from here)

+

Add a language and region

Suggested

English (United States)

Add

हिन्दी (भारत)

Add

Google News

A

73°F

Annie's briefing

Top 5 stories at the moment



1.  **The Indian EXPRESS**

Chennai, Tamil Nadu News Live Updates: Modi-Xi Summit: Traffic restrictions in place in Chennai; TN CM checks security arrange...

Headlines · 5 hours ago

2.  **THE TIMES**

'Housefull 4': When Akshay Kumar challenged Riteish Deshmukh to do 'Bala' dance...

Headlines · 10 hours ago

For you

Headlines

Favourites

Newsstand

Headlines · 10 hours ago



प्रधानमंत्री नरेंद्र मोदी के नेतृत्व वाली NDA में केंद्रीय मंत्री (खाद्य, लोक वितरण और ग्राममाले) और लोक जनशक्ति पार्टी (LJP) अध्यक्ष रामविलास पासवान की तबीयत स अचानक बिगड़ गई।

Jansatta · 3 hours ago

नरेंद्र मोदी सरकार में मंत्री रामविलास पासवान की तबीयत बिगड़ी, सांस लेकर तकलीफ के बाद हॉस्पिटल में भर्ती



बूट पॉलिश करने वाला सनी गायकी में छाया, बोला- बहन एक दिन पैसा और नाम दोनों होगा

For you

Headlines

Favourites

Newsstand

Result:

Expt. No.:5

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.

Output:

CAN WE JUST
MAKE THE LOGO A
LITTLE BIT BIGG...

SHUT UP!!



Result:

Expt. No.:6

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.

Output:



iPhone 15 Pro Max



Body : 6.7"

Weight : 221gm

Thickness : 8.3mm

Platform : ios 17

Storage : 1Tb

Ram : 8gb (Apple A7 Pro)

Main Camera : 48 MP

Selfie Camera : 12 MP

Battery : Li-Ion Non Removal

Charging : Wireless

Price : \$19,99

SHOP NOW

CALL US : +0123456789

Result:

Expt. No.:7

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.

Output:



2024
2027

 **VOTE**

**BATABARE
JAMES**

**VICE CHAIRMAN
URA STAFF SACCO**

- Advocating for competitive interests rates on Loans.
- Sustainable SACCO Profitability
- Building strategic alliances for SACCO growth.
- Diversified Investment portfolio.
- Actualizing Staff Housing Project.

**A SACCO THAT
WORKS FOR ALL**

Result:

Expt. No.:8

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.

Output:

Result:

Huvech

AIRPODS ON,
PROBLEMS OUT.

Huvech

SCRATCH PROOF
SCREEN PROTECTOR

ENHANCED PRIVACY

ANTI-PEEP TECHNOLOGY

9H+ HD

AIRPODS PRO
GIVEAWAY

WORTH \$86

READ CAPTION

HOW LONG DOES IT TAKE TO
FULLY CHARGE YOUR PHONE?

A. 30 MINS
B. 1 HR
C. 2 HRS

Huvech

BLUETOOTH V5.0

INTELLIGENT TOUCH TECHNOLOGY

NOW AVAILABLE

Huvech

HUVEC
ACCESSORIES

AIRPODS PHONE CASE IPHONE12/13
SCREEN PROTECTOR NOISE REDUCING

Huvech

10 000mAh
POWER BANK

LIGHTER THAN YOUR PHONE

- DUAL USB OUTPUT
- 2.1A FAST CHARGING
- HIGH CAPACITY

NOW AVAILABLE

Huvech

ANTI-FALL
PROTECTIVE CASE

IPHONE 12 / 13 SERIES

AVAILABLE NOW

Huvech

3-IN-1
USB

MAGNETIC CABLE

- SMART SAFE
- 3A FAST CHARGING
- DATA TRANSMISSION

NOW AVAILABLE

Expt. No.:9

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.

Output:

Result:



9953654082

FRESHNESS

delivered on time

ORDER YOUR FOOD TODAY !

FREE DELIVERY
Minum Order Rs.500/-

f @ t in p v t
/captainkatora

Expt. No.:10

Date:

Design an interactive website for new institution

Aim: To design interactive website for new institution

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.

Output:

Result:

Expt. No.:11

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.

Output:

Result:

Expt. No.:12

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.

Output:

Result:

Expt. No.:13

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.

Output:

Result