Front-End UI/UX Mini Projects

Project 1:-
1. Title Page

- **Project Title:** "Your Favourite City Information"
- **Submitted By:**

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- **Course:** UI/UX Frontend Web Design and Development.
- **Instructor Name:** NarendraKumar Gopineedi Sir
- **Institution:** Lamrin Tech Skill University, Ropar, Punjab.
- **Date of Submission:** 05/01/2026

2. Abstract

Jaipur Unveiled — My Favourite City is a responsive website that showcases Jaipur's culture, history, and tourist attractions. The project aims to provide an engaging and informative platform that highlights the city's heritage and lifestyle while ensuring easy navigation across desktops and mobile devices. Core technologies used include **HTML5** for structure, **CSS3** for styling and layout, and **Bootstrap** for responsiveness. The website features sections on landmarks, local experiences, galleries, and contact information, all organized with a clean, user-friendly interface. The outcome is a visually appealing, interactive, and informative static website that serves as a useful guide for students, tourists, and anyone interested in exploring Jaipur, offering both educational and practical value.

3. Objectives:

The main goals of the *Jaipur Unveiled — My Favourite City* project are:

1. **Comprehensive Cultural Storytelling:** To provide a digital gateway that "unveils" the rich history and royal heritage of Jaipur, moving beyond basic facts to offer an immersive guide for potential tourists.

2. **User-Centric Trip Facilitation:** To simplify the travel planning process by categorizing essential information—such as attractions, dining, and seasonal events—into a highly organized, multi-page structure.
3. **Modern Visual Identity:** To establish a strong "Pink City" brand aesthetic using a sophisticated color palette and responsive UI components (like hover-effect cards and fluid grids) that reflect the city's elegance.
4. **Cross-Platform Accessibility:** To ensure a seamless user experience by developing a "mobile-first" responsive design that functions perfectly across smartphones, tablets, and desktops.
5. **Interactive Engagement:** To bridge the gap between static information and active communication through interactive features like a dynamic navigation system and a smart-response contact portal.

4. Scope of the Project:

The *Jaipur Unveiled — My Favourite City* project focuses exclusively on **front-end design**. It showcases Jaipur's culture, history, landmarks, and local experiences through a visually appealing and informative website. The project **does not include JavaScript functionality or any server-side integration**, making it a purely static website. It is designed to be fully **responsive**, providing an optimal viewing experience across **desktop, tablet, and mobile devices**. All development was done using **pure HTML5 and CSS3**, without relying on external libraries or frameworks, and only **open-source tools** were used. The project is intended as an educational and informative resource for users interested in exploring Jaipur, rather than a dynamic or interactive web application.

5. Tools & Technologies Used:

Tool/Technology	Purpose
HTML5	Used for creating the semantic structure and content of all 10 pages, ensuring SEO friendliness and accessibility.
CSS3	Applied for the visual design, including the "Pink City" color palette, 3D flip card animations, and responsive layouts.
JavaScript	Implemented for client-side logic, such as the active navigation highlighter and the 3D flip card toggle functionality.
Flexbox & CSS Grid	Core layout engines used to create a fluid, responsive grid for attractions and restaurant listings.
Google Maps API / Embeds	To use provided interactive map functionality on all of the pages for location visualization.
Visual Studio Code	The primary Integrated Development Environment (IDE) used for writing and managing the source code.
Chrome DevTools	Leveraged for real-time debugging, performance auditing, and testing responsiveness across mobile device simulators.
External Booking APIs	integrated referral links to **MakeMyTrip** and **GetYourGuide** to provide functional utility for travel bookings.

6. HTML Structure Overview:

The *Jaipur Unveiled — My Favourite City* website is built using semantic HTML5 tags to ensure proper structure, readability, and accessibility. The main structure includes:

- <header>: Contains the website logo, title, and navigation menu.
- <nav>: A navigation bar with unordered lists (<ul>) and anchor links for smooth scrolling between sections.
- <main>: The primary content area, divided into reusable sections such as About, Attractions, Gallery, and Contact.
- <section>: Used to logically group related content within the main area for clarity and better layout management.
- <footer>: Contains contact information, social media links, and copyright details.

7. CSS Styling Strategy

1. External CSS File (style.css):

- All CSS rules are placed in a separate file (style.css) instead of inline or internal styles.
- Benefits: cleaner HTML, easier maintenance, and reusability across multiple pages.

2. Organized with Comments and Sections:

- The CSS file is structured into logical sections, for example:
    - /* General Styles */
    - /* Header Styles */
    - /* Navigation */
    - /* Footer */
- Comments help anyone reading the code to quickly understand which styles affect which part of the website.

3. Techniques Used:

- **Flexbox and Grid for Layout:**
    - Flexbox is used for aligning items in rows or columns (like navigation menus or card layouts).
    - CSS Grid is used for more complex 2D layouts (like galleries or multi-column sections).
- **Media Queries for Responsiveness:**
    - Ensures the website adapts to different screen sizes (mobile, tablet, desktop).
    - Example:
    - @media (max-width: 768px) {
    -   .menu {
    -    flex-direction: column;
    -   }
    - }
- **CSS Variables for Theme Customization:**

- o Reusable variables make it easy to change theme colors or fonts in one place.
- o Example:
- o :root {
- o   --primary-color: #ff6f61;
- o   --secondary-color: #f7f7f7.
- o }
- o body {
- o   background-color: var(--secondary-color);
- o   color: var(--primary-color);
- o }
- **Hover Effects and Transitions:**
  - o Smooth interactions when a user hovers over buttons, links, or cards.
  - o Example:
  - o .card:hover {
  - o   transform: scale(1.05);
  - o   transition: transform 0.3s ease;
  - o }
- **Mobile-First Design Approach:**
  - o CSS is written starting for small screens first, then enhanced for larger screens.
  - o Advantages: faster load times on mobile and easier responsive adjustments.

8. Key Features

Feature	Description
Responsive Design	This website adapts seamlessly to all screen sizes, from mobile phones to large desktop monitors, using media queries, Flexbox, and CSS Grid.
Smooth Navigation	A fixed top navigation bar with anchor links allows users to jump to different sections smoothly without scrolling manually.
Interactive 3D Flip Cards	A sophisticated UI component where users can click on attractions, restaurant, Things to do, Events images to reveal a "back" side. This side contains hidden details, historical facts, View on Map, and descriptions, maximizing space and user engagement.
Dynamic Live Map Integration	Built-in Google Maps embeds on the behind of every place image and pages, allowing travellers to visualize distances and pinpoint the exact locations of monuments.
Themed Aesthetic & Branding	A custom-designed interface utilizing the "Pink City" palette (Deep Pink, Saffron Gold, and Soft Rose) combined with premium typography to create a cohesive royal identity.
Integrated Booking Portal	A dedicated section on the Plan Trip page that streamlines the travel experience. It provides direct, helpful links to global platforms like **MakeMyTrip** for seamless hotel accommodations and **GetYourGuide** for hiring certified local tour guides.
Contact Form (Non-Functional)	Placeholder Layout for form inputs and buttons, visually structured to demonstrate a typical contact form design

Accessible Fonts & Colours	High Contrast colour schemes and readable typography ensure accessibility and better user experience for all users.

Notes:

- All features focus on user-friendly design and accessibility.
- The design emphasizes modern UI principles and a mobile-first approach.

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9. Challenges Faced & Solutions

Challenges	Solutions
Overlapping Elements on small screen.	Implemented media queries to stack elements vertically, ensuring proper spacing and readability on all devices.
Difficulty aligning items using float.	Replaced float-based layouts with Flexbox and CSS Grid, allowing precise alignment and responsive layouts.
Synchronizing 3D Flip Cards to work seamlessly on both touch and mouse events.	Utilized CSS perspective properties combined with a JS classList.toggle to ensure smooth 180-degree rotations.
Handling broken external image links that disrupted the visual hierarchy.	Integrated HTML onerror event listeners to automatically trigger high-quality local placeholder assets.
Debugging layout and responsiveness issues	Leveraged Chrome DevTools to inspect elements, test responsiveness across multiple device sizes, identify CSS conflicts, and resolve alignment issues efficiently.

Explanation:

- Media Queries: Help adapt layouts for different devices, preventing elements from overlapping.

- Flexbox & Grid: Modern layout techniques that replace older, unreliable float-based methods.

- Relative Units: Maintain proportional sizing for fonts, margins, and padding, enhancing responsiveness.

10. Outcome

- Clean and Engaging Layout: Created a visually consistent and attractive front-end design.

- Functional Components: All major features—including navigation, cards, and contact form layout—work correctly using only HTML and CSS.

- Learning & Skills Gained: Gained deeper understanding of responsive design, UI hierarchy, Flexbox & Grid, and front-end design principles.

- Summary:
  The project successfully demonstrates the ability to build a fully responsive, user-friendly website that showcases Jaipur while applying modern front-end techniques.

11. Future Enhancements

- JavaScript Integration: Add interactivity such as form validation, dynamic content updates, and interactive elements to enhance user experience.

- Animations and Transitions: Incorporate CSS or JS-based animations to make the website more engaging and visually appealing.

- Backend Integration: Enable contact form submissions and other data-driven features by connecting to a server-side backend.

- Theme Toggler: Implement a light/dark mode option to improve usability and accessibility for different user preferences.

- Summary:
  These enhancements aim to upgrade the static website into a more interactive and feature-rich application, improving both functionality and user experience.

12. Sample Code


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Events & Festivals</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@7
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favou
            <button class="navbar-toggler" type="button" data-bs-toggle="collaps
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">H
                    <li class="nav-item"><a class="nav-link" href="attractions.h
                    <li class="nav-item"><a class="nav-link" href="restaurants.h
                    <li class="nav-item"><a class="nav-link" href="things_to_do.
                    <li class="nav-item"><a class="nav-link active" aria-current
                    <li class="nav-item"><a class="nav-link" href="plan_your_tri
                    <li class="nav-item"><a class="nav-link" href="contact.html"
                </ul>
            </div>
        </div>
```



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Plan Your Trip</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.mi
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@700
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-aweso
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favoura
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">Hom
                    <li class="nav-item"><a class="nav-link" href="attractions.htm
                    <li class="nav-item"><a class="nav-link" href="restaurants.htm
                    <li class="nav-item"><a class="nav-link" href="things_to_do.ht
                    <li class="nav-item"><a class="nav-link" href="events.html">Lo
                    <li class="nav-item"><a class="nav-link active" aria-current="
                    <li class="nav-item"><a class="nav-link" href="contact.html">C
                </ul>
            </div>
```



```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Contact Us</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-aw
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favo
            <button class="navbar-toggler" type="button" data-bs-toggle="collap
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item"><a class="nav-link" href="index.html">
                    <li class="nav-item"><a class="nav-link" href="attractions.
                    <li class="nav-item"><a class="nav-link" href="restaurants.
                    <li class="nav-item"><a class="nav-link" href="things_to_do
                    <li class="nav-item"><a class="nav-link" href="events.html"
                    <li class="nav-item"><a class="nav-link" href="plan_your_tr
                    <li class="nav-item"><a class="nav-link active" aria-curren
                </ul>
            </div>
```



```css
/* Custom Fonts */
@import url('https://fonts.googleapis.com/css2?family=Playfair+Display:wght@700&

/* Color Variables */
:root {
    --color-pink-primary: #ffc0cb;
    --color-pink-light: #fff0f5;
    --color-pink-dark: #b84f7b;
    --color-pink-accent: #e91e63;
    --color-text-dark: #333333;
    --color-text-light: #f8f9fa;
}

/* Global Styles */
body {
    font-family: 'Raleway', sans-serif;
    color: var(--color-text-dark);
    background-color: var(--color-pink-primary);
    padding-top: 80px; /* Increased to avoid navbar overlap */
}

/* Typography */
.main-heading {
    font-family: 'Playfair Display', serif;
    color: var(--color-pink-accent);
    text-shadow: 1px 1px 2px rgba(0, 0, 0, 0.1);
}

.secondary-heading {
```

Four editor panes showing HTML source code.

Pane 1: index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: The Pink City - Homepage</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@700&
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link active" aria-current="page" href="index.
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="attractions.html">Attractions</a
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="restaurants.html">Restaurants</a
                    </li>
                    <li class="nav-item">
```

Pane 2: attractions.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Attractions</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.mi
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@700
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favour
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="index.html">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link active" aria-current="page" href="attra
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="restaurants.html">Restaurants</a
                    </li>
                    <li class="nav-item">
```

Pane 3: restaurants.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Restaurants & Cafes</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.m
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@70
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favour
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="index.html">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="attractions.html">Attractions</
                    </li>
                    <li class="nav-item">
                        <a class="nav-link active" aria-current="page" href="rest
                    </li>
                    <li class="nav-item">
```

Pane 4: things_to_do.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Jaipur: Things to Do</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.mi
    <link rel="stylesheet" href="css/style.css">
    <link href="https://fonts.googleapis.com/css2?family=Playfair+Display:wght@700
</head>
<body class="pink-theme">
    <nav class="navbar navbar-expand-lg navbar-dark bg-pink-dark fixed-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">Jaipur Unveiled - My Favour
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="index.html">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="attractions.html">Attractions</
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="restaurants.html">Restaurants</
                    </li>
                    <li class="nav-item">
```

ex.html   ‹› notices.html   ‹› contact.html   ‹› apply.htm

rontend_Projects › js › **JS** script.js › ...

```javascript
document.addEventListener('DOMContentLoaded', () =>
    // Get all flip cards
    const flipCards = document.querySelectorAll('.fl

    flipCards.forEach(card => {
        // Add a click listener to each card
        card.addEventListener('click', () => {
            // Toggle the 'flipped' class on the car
            card.classList.toggle('flipped');
        });

        // Optional: Add accessibility features (key
        card.addEventListener('keypress', (e) => {
            // Check if Enter (13) or Space (32) was
            if (e.key === 'Enter' || e.key === ' ')
                e.preventDefault(); // Prevent defau
                card.classList.toggle('flipped');
            }
        });
    });
});
```

∨ L&T_Frontend_Projects

  › assets

  ∨ css

    # style.css

  ∨ js

    JS script.js

  ‹› attractions.html

  ‹› contact.html

  ‹› events.html

  ‹› index.html

  ‹› plan_your_trip.html

  ⓘ README.md

  ‹› restaurants.html

  ‹› things_to_do.html

13. Screenshots of Final Output

Home   Attractions   Restaurants

elcome to Jaipur: The Pink C

A vibrant tapestry of history, culture, and regal charm.

The Royal Legacy of Jaipur

THE PI

JAI

Home   Attractions   Restaurant

The Royal Legacy of Jaipur

, is famously known as the "Pink City" for the
ings. Founded in 1727 by Maharaja Sawai Jai
usly planned by Vidyadhar Bhattacharya,
ied cities of India.

id magnificent architecture quickly established it as a
e. The city's foundation marked a new era in Rajputana
igged terrain of Amber to a more expansive and

THE P

JAI

In 1876, the prince o
visited India on a tour. Si
hospitality,Maharaja Ram Sin
pink in colour to welcome the
pi

Home   Attractions   Restaurant

th strict regulations ensuring new buildings in the old city conform to the iconic pink sandstone
ry of royalty, valor, and artistic grandeur.

A Glimpse into the Past

es of powerful rulers, architectural marvels, and a rich cultural heritage. From the formidable An
rene Jal Mahal floating on Man Sagar Lake, every corner of Jaipur whispers stories of a bygone e

ndicrafts, and traditional performing arts reflect a culture that has been meticulously preserved
Jaipur is not just a city; it's an experience, a journey through time that captivates every visitor.
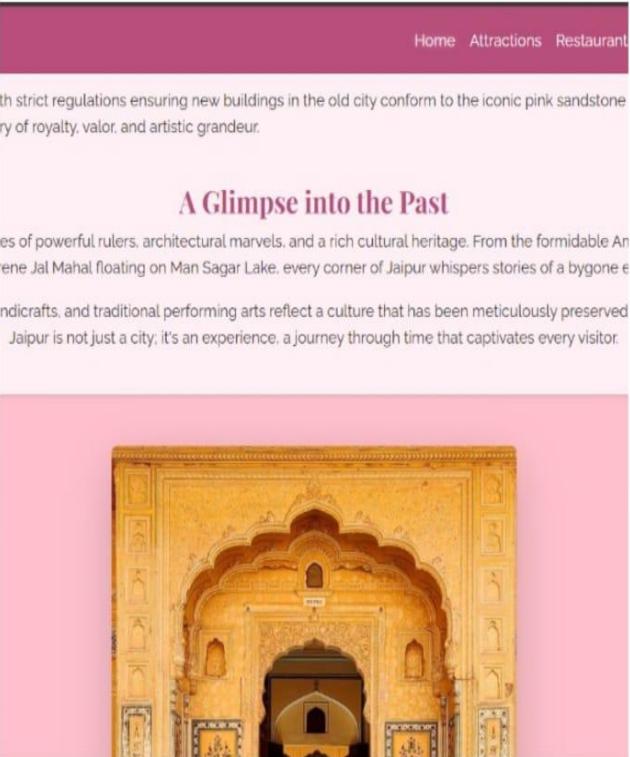
Home   Attractions   Restauran

Iconic Attractions of Jaipur
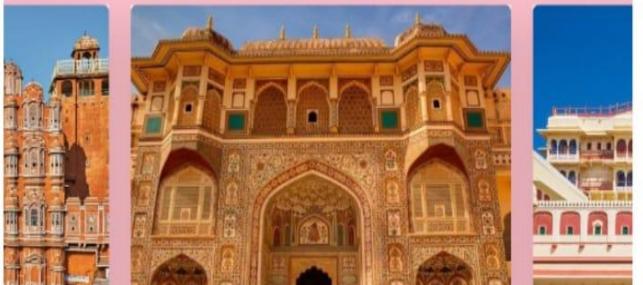
Discover the majestic forts, palaces, and historical wonders.

Explore Jaipur's Royal Charms

Explore Jaipur's Royal Charms

Amber Fort - (Click Here)

Cit

Explore Jaipur's Royal Charms

Majestic Hill Fort

A UNESCO World Heritage Site, this fort is known for its artistic Hindu style elements. With its large ramparts and series of gates and cobbled paths, the fort overlooks Maota Lake.

🏵 **Speciality:** Sheesh Mahal (mirror palace), elephant rides.
🏵 **Ratings:** 4.8/5
🏵 **Reviews:** "Breathtaking views and incredible history. The elephant ride was a highlight!"

View on Map

Royal Resi

A complex of c
Palace was the
museums show

🏵 **Speciality:** Cha
Chowk gates.
🏵 **Ratings:** 4.6/5
🏵 **Reviews:** "Rich
miss the Peaco
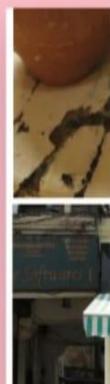
Culinary Delights of Jaipur

Savor the authentic flavors and best dining experiences.

Taste the Best of Pink City

Taste the Best of Pink City

ere)

Spice Court - (Click Here)

Lassiwa

Screenshot 1 (top-left)

Must-Try Experiences in Jaipur

ck Here)

Hot Air Balloon Ride - (Click Here)

Jewellery &

Screenshot 2 (top-right)

Adventures & Activities

Shop, explore, and immerse yourself in the local culture.

Must-Try Experiences in Jaipur

Screenshot 3 (bottom-left)

Must-Try Experiences in Jaipur

r, made using
and

lue-green

aner.

Hot Air Balloon Ride - (Click Here)

Jewellery

Screenshot 4 (bottom-right)

Festivals and Celebrations

Experience the rich culture and vibrant traditions of Rajasthan.

Year-Round Jaipur Festivities

14. Conclusion

This project, "Jaipur Unveiled: My Favourite City", is a personal front-end website that showcases key aspects of Jaipur, including attractions, activities, local tips, and a contact form.

Key Takeaways:

- Strengthened front-end development skills using HTML and CSS.

- Gained hands-on experience with responsive layouts, Flexbox & Grid, and mobile-first design.

- Learned to structure content effectively using semantic HTML and maintain visual consistency with organized CSS.

- Developed an understanding of UI hierarchy, accessibility, and user-friendly navigation.

Summary:

Jaipur Unveiled is a page responsive tourism website built with HTML5, CSS3, and JavaScript. It features an interactive 3D flip-card interface for landmark discovery, integrated MakeMyTrip/GetYourGuide booking portals, and a mobile-first "Pink City" aesthetic, delivering a seamless blend of cultural storytelling and modern travel utility.
Overall, this project demonstrates the ability to create a clean, responsive, and engaging website, and serves as a solid foundation for future enhancements like JavaScript interactivity, animations, and backend integration.

12. References
• **L&T LMS:** https://learn.lntedutech.com/Landing/MyCourse

13. Project link:

GitHub Repo Link: https://github.com/Rahma5983/Jaipur-Unveiled-MyFavourateCity

Website Live Demo Link: https://jaipur-unveiled-my-favourate-city.vercel.app/

Project 2:-

1. Title Page

- **Project Title:** "Your College and Hostel Website"
- **Submitted By:**

  - **Team Members:** Names & Roll Numbers
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- **Course:** UI/UX Frontend Web Design and Development.
- **Instructor Name:** NarendraKumar Gopineedi Sir
- **Institution:** Lamrin Tech Skill University, Ropar, Punjab.
- **Date of Submission:** 05/01/2026

2. Abstract

The "LTSU Punjab Web Portal" is a comprehensive, multi-page responsive website designed to serve as a digital gateway for Lamrin Tech Skills University. The project aims to provide an engaging platform that showcases academic programs, hostel facilities, and student life while ensuring seamless navigation across all devices. Using **HTML5**, **CSS3**, and **Bootstrap 5**, the portal features a modern interface with dedicated sections for admissions, course details, and real-time event updates. The outcome is a visually appealing, user-centric static website that provides high educational and practical value to prospective students and visitors.

3. Objectives

1. Centralized Academic Information Delivery: - To create a unified digital platform that provides comprehensive and accurate information about academic programs, hostel facilities, notices, and admission processes, reducing the need for physical inquiries.

2. User-Centric Website Structure: - To organize institutional information into a well-structured, multi-page website, enabling students, parents, and visitors to easily navigate between programs, hostel details, notices, and contact information.

3. Responsive and Accessible Design: - To develop a fully responsive, mobile-first website that ensures seamless accessibility across all devices, including smartphones, tablets, laptops, and desktop systems.

4. Improved Student Engagement: - To enhance user interaction through visually appealing layouts, interactive components, cards, modals, and structured content presentation, making information easy to understand and engaging.

5. Efficient Admission Representation: - To design a structured and user-friendly online admission interface that demonstrates how student application data can be collected and managed digitally.

6. Consistent Visual Identity: - To maintain a uniform color scheme, typography, and layout across all pages, ensuring a professional academic appearance and strong institutional branding.

7. Ease of Maintenance and Scalability: - To implement clean, modular code using HTML, CSS, Bootstrap, and JavaScript, allowing future updates, additional pages, and feature expansion with minimal effort.

4. Scope of the Project

- **Front-End Focus:** Exclusively focused on UI/UX and front-end design.
- **Static Implementation:** Built as a static website without server-side integration.
- **Cross-Device Compatibility:** Optimized for desktop, tablet, and mobile viewports.
- **Pure Code & Modern Frameworks:** Developed using HTML5, CSS3, and the Bootstrap 5.3 library for rapid styling and responsiveness.

5. Tools & Technologies Used

Tool/Technology	Purpose
HTML5	Used for creating the semantic structure and content of all web pages, including Home, Programs, Hostel, Notices, Contact, and Apply pages. Ensures proper document structure, SEO friendliness, and accessibility compliance.
CSS3	Applied for visual design and styling, including color themes, typography, animations, transitions, and layout customization to enhance the overall user interface and user experience.
JavaScript	Utilized to build a fully responsive layout using pre-defined grid systems, components such as navbar, cards, buttons, modals, and forms, ensuring compatibility across different screen sizes and devices.

Bootstrap	Implemented for client-side interactivity such as form validation, modal handling, navigation toggling, dynamic content updates, and improving overall user interaction.
Google Maps Embed API	Used to display interactive maps on the Contact page for accurate campus location visualization and improved user navigation.
Visual Studio Code (VS Code)	The primary Integrated Development Environment (IDE) used for writing, editing, organizing, and managing the project's source code efficiently.
Chrome DevTools	Leveraged for real-time debugging, testing responsiveness across multiple screen sizes, inspecting elements, fixing layout issues, and performance optimization.

6. HTML Structure Overview

- **Semantic Tags:** Used tags like `<header>` for branding, `<nav>` for navigation, and `<section>` for content modularity.
- **Navigation:** Implemented a fixed top navbar with anchor links and multi-page links (e.g., `vdv1.html`, `vdv3.html`) for effortless browsing
- **Reusable Sections:** Divided content into distinct pages for Academic Programmes, Hostel Facilities, Events/Notices, and Admissions.
- **Footer:** Standardized footer containing university contact info and social media icons across all pages

7. CSS Styling Strategy

- **External Styling:** All rules are contained in localized `<style>` blocks and external frameworks to maintain clean HTML.
- **Flexbox & Grid:** Used Flexbox for aligning navigation items and Grid/Bootstrap rows for course and room cards.
- **CSS Variables:** Implemented: root variables for consistent branding colors and typography.
- **Interactive Effects:** Added smooth hover transitions on cards to provide visual feedback to users.

8. Key Features

Features	Descriptions

Responsive Design	The website is fully responsive and adapts seamlessly to all screen sizes, including mobile phones, tablets, laptops, and large desktop displays.
Multi-Page Website Structure	The project is organized into multiple interconnected pages such as Home, Programs, Hostel, Notices & Events, Contact, and Apply pages. This improves content clarity, scalability, and real-world website structure.
Interactive UI Components	The website includes interactive elements such as cards, modals, buttons, and hover effects to enhance user engagement and provide a modern user interface experience.
Program & Course Display Cards	Academic programs are presented using visually appealing cards that display course duration, fees, eligibility, and details through modal pop-ups, making information easily accessible and well organized.
Interactive Map Integration	Google Maps embeds are integrated on the Contact page to visually display the campus location, helping users easily find directions and understand the geographical location of the university.
Contact Form (Non-Functional)	A visually structured contact form is provided to demonstrate standard form design, including input fields, dropdowns, and submit buttons, representing real-world contact functionality.
Consistent Visual Theme	The website follows a consistent color scheme, typography, and layout style across all pages to maintain branding uniformity and a professional academic appearance.

9. Challenges Faced & Solutions

Challenges	Solutions
Layout overlapping on smaller screen sizes.	Implemented responsive design techniques using Bootstrap grid breakpoints and media queries to rearrange sections vertically, ensuring proper spacing, alignment, and readability on mobile and tablet devices.
Difficulty in aligning components across different sections	Replaced traditional float-based positioning with modern layout systems such as Flexbox and CSS Grid, enabling better control over alignment, spacing, and responsiveness.
Maintaining consistent navigation across multiple pages	Used a fixed and reusable navigation bar structure across all HTML pages to ensure smooth navigation and consistent user experience throughout the website.

Ensuring visual consistency across all pages	Defined common color variables, typography styles, and reusable CSS components to maintain uniform branding and design consistency throughout the project.
Debugging layout and responsiveness issues	Leveraged Chrome DevTools to inspect elements, test responsiveness across multiple device sizes, identify CSS conflicts, and resolve alignment issues efficiently.

10. Outcome

The project successfully delivered a professional-grade web portal that reflects the identity of Lamrin Tech Skills University. By mastering layout responsiveness and UI hierarchy, the team created a functional site where users can easily access admissions data and campus facilities.

11. Future Enhancements

- Integrate a real-time backend database to process student application forms.
- Add JavaScript-based animations (like AOS or GSAP) for scroll-triggered visual effects.
- Implement a student dashboard with login functionality for personalized updates

12. Sample Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Lamrin Tech Skills University | Future-Ready</title>

    <link href="https://fonts.googleapis.com/css2?family=Plus+Jakarta+Sans:wght@300;400;600;700&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.11.1/font/bootstrap-icons.css">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css"/>

    <style>
        :root {
            --primary-color: #0f172a;
            --accent-color: #f59e0b;
            --glass: rgba(255, 255, 255, 0.1);
        }

        body {
            font-family: 'Plus Jakarta Sans', sans-serif;
            color: #1e293b;
            background-color: #f8fafc;
        }

        .navbar {
            backdrop-filter: blur(15px);
            background: rgba(15, 23, 42, 0.85) !important;
            padding: 1rem 0;
            border-bottom: 1px solid rgba(255,255,255,0.1);
        }

        .hero {
            height: 100vh;
            background: linear-gradient(rgba(15, 23, 42, 0.7), rgba(15, 23, 42, 0.4)),
                        url("https://images.shiksha.com/mediadata/images/articles/1689247822phprekLvt.jpeg");
            background-size: cover;
            background-position: center;
            background-attachment: fixed;
            display: flex;
            align-items: center;
            color: white;
            position: relative;
        }

        .hero-glass-card {
            background: rgba(255, 255, 255, 0.1);
            backdrop-filter: blur(10px);
            border: 1px solid rgba(255, 255, 255, 0.2);
            padding: 3rem;
            border-radius: 24px;
            box-shadow: 0 25px 50px -12px rgba(0, 0, 0, 0.5);
        }

        .hero h1 {
            font-size: clamp(2.5rem, 6vw, 4.5rem);
        .icon-box {
            width: 70px;
            height: 70px;
            background: linear-gradient(135deg, var(--accent-color), #fbbf24);
            color: #000;
            border-radius: 18px;
            display: flex;
            align-items: center;
            justify-content: center;
            font-size: 1.8rem;
            margin-bottom: 25px;
        }

        .stats-container {
            background: var(--primary-color);
            padding: 60px;
            border-radius: 30px;
            margin-top: -80px;
            position: relative;
            z-index: 10;
        }

        .stat-number {
            font-size: 2.5rem;
            font-weight: 800;
            color: var(--accent-color);
            margin-bottom: 0;
        }

        .btn-primary {
            background: var(--accent-color);
            border: none;
            color: #000;
            font-weight: 700;
            padding: 15px 35px;
            border-radius: 12px;
            transition: 0.3s;
        }

        .btn-primary:hover {
            background: #fff;
            color: var(--primary-color);
            transform: scale(1.05);
        }

        footer {
            background: #020617;
            padding: 60px 0;
            color: #94a3b8;
```

```html
<body>

<nav class="navbar navbar-expand-lg navbar-dark fixed-top">
    <div class="container">
        <a class="navbar-brand fw-bold fs-3" href="#">
            <span style="color: var(--accent-color)">LTS</span>U
        </a>
        <button class="navbar-toggler border-0" data-bs-toggle="collapse" data-bs-target="#menu">
            <i class="bi bi-list fs-1"></i>
        </button>
        <div class="collapse navbar-collapse" id="menu">
            <ul class="navbar-nav ms-auto align-items-center">
                <li class="nav-item"><a class="nav-link px-3 active" href="index.html">Home</a></li>
                <li class="nav-item"><a class="nav-link px-3" href="vdv1.html">Programs</a></li>
                <li class="nav-item"><a class="nav-link px-3" href="vdv3.html">Hostel</a></li>
                <li class="nav-item"><a class="nav-link px-3" href="vdv4.html">Notices & Events</a></li>
                <li class="nav-item"><a class="nav-link px-3" href="vdv5.html">Contact</a></li>
                    <a class="btn btn-primary px-4" href="vdv6.html">Apply for 2025</a>
                </li>
            </ul>
        </div>
    </div>
</nav>

<section class="hero">
    <div class="container">
        <div class="row">
            <div class="col-xl-7 col-lg-9 animate__animated animate__fadeInLeft">
                <div class="hero-glass-card">
                    <span class="badge bg-warning text-dark mb-3 px-3 py-2 fw-bold">PUNJAB'S PREMIER TECH UNIVERSITY</span>
                    <h1>Shaping <span style="color: var(--accent-color)">Industry-Ready</span> Professionals</h1>
                    <p class="lead mb-4 opacity-90">
                        Experience India's first skill-integrated campus. We don't just grant degrees; we build careers with 100% placement focus
                    </p>
                    <div class="d-flex flex-wrap gap-3">
                        <a href="vdv6.html"> <button class="btn btn-primary btn-lg">Start Application</button> </a>
                        <a href="https://youtu.be/7CfZrPlMNrg"><button class="btn btn-outline-light btn-lg"><i class="bi bi-play-circle me-2"></
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
<section class="container">
    <div class="stats-container shadow-lg animate__animated animate__fadeInUp">
        <div class="row text-center g-4">
            <div class="col-md-3 border-end border-secondary border-opacity-25">
                <p class="stat-number">50+</p>
                <p class="text-white-50 small text-uppercase tracking-wider">MOU Partners</p>
            </div>
            <div class="col-md-3 border-end border-secondary border-opacity-25">
                <p class="stat-number">100%</p>
                <p class="text-white-50 small text-uppercase tracking-wider">Skill Focused</p>
            </div>
            <div class="col-md-3 border-end border-secondary border-opacity-25">
                <p class="stat-number">Modern</p>
                <p class="text-white-50 small text-uppercase tracking-wider">AI Integrated Labs</p>
            </div>
            <div class="col-md-3">
                <p class="stat-number">Top-Tier</p>
                <p class="text-white-50 small text-uppercase tracking-wider">Expert Faculty</p>
            </div>
        </div>
    </div>
</section>

<section class="py-5 my-5">
    <div class="container">
        <div class="text-center mb-5">
            <h6 class="text-warning fw-bold text-uppercase">The Advantage</h6>
            <h2 class="display-5 fw-bold text-dark">Why Choose LTSU?</h2>
        </div>
        <div class="row g-4">
            <div class="col-md-4">
                <div class="card highlight-card">
                    <div class="icon-box"><i class="bi bi-building-gear"></i></div>
                    <h4 class="fw-bold">IBM & Tata Hubs</h4>
                    <p class="text-muted">Learn directly from industry leaders within the campus through our specialized innovation centers.</p
                </div>
            </div>
            <div class="col-md-4">
                <div class="card highlight-card">
                    <div class="icon-box"><i class="bi bi-person-workspace"></i></div>
                    <h4 class="fw-bold">Job-First Approach</h4>
                    <p class="text-muted">Our curriculum is designed backward from industry requirements to ensure you are hired on day one.</p
                </div>
```

```html
<body>

    <nav class="navbar navbar-expand-lg navbar-dark fixed-top">
        <div class="container">
            <a class="navbar-brand fw-bold fs-3" href="index.html">
                <span style="color: var(--accent-color)">LTS</span>U
            </a>
            <button class="navbar-toggler border-0" data-bs-toggle="collapse" data-bs-target="#menu">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="menu">
                <ul class="navbar-nav ms-auto align-items-center">
                    <li class="nav-item"><a class="nav-link px-3" href="index.html">Home</a></li>
                    <li class="nav-item"><a class="nav-link px-3 active" href="vdv1.html">Programmes</a></li>
                    <li class="nav-item"><a class="nav-link px-3" href="vdv3.html">Hostel</a></li>
                    <li class="nav-item"><a class="nav-link px-3" href="vdv4.html">Notices & Events</a></li>
                    <li class="nav-item"><a class="nav-link px-3" href="vdv5.html">Contact</a></li>
                    <li class="nav-item ms-lg-3">
                        <a class="btn btn-primary px-4" href="vdv6.html">Apply for 2025</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

    <header class="page-header">
        <div class="container animate__animated animate__fadeInDown">
            <h1 class="display-4 fw-bold mb-3">Academic <span style="color: var(--accent-color)">Programmes</span></h1>
            <p class="lead opacity-75 mx-auto" style="max-width: 600px;">
                Industry-designed curriculum to make you job-ready from Day 1. Choose your path to excellence.
            </p>
        </div>
    </header>

    <section class="py-5">
        <div class="container">

            <div class="row justify-content-center mb-5">
                <div class="col-auto">
                    <ul class="nav nav-pills" id="pills-tab" role="tablist">
                        <li class="nav-item" role="presentation">
                            <button class="nav-link active" id="pills-all-tab" data-bs-toggle="pill" data-bs-target="#pills-all" type="button">All Programmes</button>
                        </li>
                        <li class="nav-item" role="presentation">
                            <button class="nav-link" id="pills-eng-tab" data-bs-toggle="pill" data-bs-target="#pills-eng" type="button">Engineering</button>
                        </li>
                        <li class="nav-item" role="presentation">
                            <button class="nav-link" id="pills-mgmt-tab" data-bs-toggle="pill" data-bs-target="#pills-mgmt" type="button">Management</button>
                        </li>
                    </ul>
                </div>
            </div>

            <div class="tab-content" id="pills-tabContent">

                <div class="tab-pane fade show active" id="pills-all">
                    <div class="row g-4">

                        <div class="col-md-6 col-lg-4">
                            <div class="course-card">
                                <div class="course-tag">Most Popular</div>
                                <img src="https://images.unsplash.com/photo-1571171637578-41bc2dd41cd2?auto=format&fit=crop&q=80&w=600" class="course-img" alt="CSE">
                                <div class="card-body-custom">
                                    <div class="meta-info">
                                        <span><i class="bi bi-clock"></i> 4 Years</span>
                                        <span><i class="bi bi-mortarboard"></i> B.Tech</span>
                                    </div>
                                    <h4 class="fw-bold mb-2">Computer Science & Engg.</h4>
                                    <p class="text-muted small mb-3">Specialization in AI & ML. Co-branded with IBM for real-world project exposure.</p>
                                    <hr class="opacity-25 mt-auto">
                                    <div class="d-flex justify-content-between align-items-center mt-3">
                                        <span class="fw-bold text-dark">₹1.4L <small class="fw-normal text-muted">/ year</small></span>
                                        <button class="btn-details stretched-link"
                                            data-bs-toggle="modal"
                                            data-bs-target="#courseModal"
                                            data-title="Computer Science & Engineering"
                                            data-desc="Our flagship program powered by IBM. Students gain hands-on experience in Artificial Intelligence, Machine Learning, Cloud Computing, and Full
                                            data-elig="10+2 Non-Medical with 60% aggregate marks."
                                            data-fee="₹1,40,000 per annum (Scholarships available)">
                                            Details <i class="bi bi-arrow-right"></i>
                                        </button>
                                    </div>
                                </div>
                            </div>
                        </div>

                        <div class="col-md-6 col-lg-4">
                            <div class="course-card">
                                <span class="badge bg-danger position-absolute top-0 start-0 m-3" style="z-index: 2;">Tata Tech</span>
                                <img src="https://t3.ftcdn.net/jpg/07/39/73/78/360_F_739737821_78fGGQ6Tq48CFzdHTu3H3l4VrULBH5wY.jpg" class="course-img" alt="Mech">
                                <div class="card-body-custom">
                                    <div class="meta-info">
                                        <span><i class="bi bi-clock"></i> 4 Years</span>
                                        <span><i class="bi bi-mortarboard"></i> B.Tech</span>
                                    </div>
                                    <h4 class="fw-bold mb-2">Mechanical Engineering</h4>
                                    <p class="text-muted small mb-3">Designed with Tata Technologies. Focus on EV design, Robotics and heavy machinery.</p>
                                    <hr class="opacity-25 mt-auto">
                                    <div class="d-flex justify-content-between align-items-center mt-3">
                                        <span class="fw-bold text-dark">₹1.2L <small class="fw-normal text-muted">/ year</small></span>
                                        <button class="btn-details stretched-link"
                                            data-bs-toggle="modal"
                                            data-bs-target="#courseModal"
```

```html
        <div class="col-md-6 col-lg-4">
            <div class="course-card">
                <img src="https://images.unsplash.com/photo-1584308666744-24d5c474f2ae?auto=format&fit=crop&q=80&w=600" class="course-img" alt="Pharma">
                <div class="card-body-custom">
                    <div class="meta-info">
                        <span><i class="bi bi-clock"></i> 4 Years</span>
                        <span><i class="bi bi-capsule"></i> B.Pharma</span>
                    </div>
                    <h4 class="fw-bold mb-2">Pharmacy</h4>
                    <p class="text-muted small mb-3">State-of-the-art labs. Focus on drug formulation and clinical research.</p>
                    <hr class="opacity-25 mt-auto">
                    <div class="d-flex justify-content-between align-items-center mt-3">
                        <span class="fw-bold text-dark">₹1.1L <small class="fw-normal text-muted">/ year</small></span>
                        <button class="btn-details stretched-link"
                            data-bs-toggle="modal"
                            data-bs-target="#courseModal"
                            data-title="Bachelor of Pharmacy"
                            data-desc="PCI approved curriculum. Advanced labs for Pharmaceutics and Medicinal Chemistry. Training partnerships with Sun Pharma and Apollo Hospitals."
                            data-elig="10+2 Medical/Non-Medical with 50% marks."
                            data-fee="₹1,10,000 per annum">
                            Details <i class="bi bi-arrow-right"></i>
                        </button>
                    </div>
                </div>
            </div>
        </div>

    </div>
</div>

<div class="tab-pane fade" id="pills-eng">
    <div class="row g-4">
        <div class="col-md-6 col-lg-4">
            <div class="course-card">
                <div class="course-tag">Most Popular</div>
                <img src="https://images.unsplash.com/photo-1571171637578-41bc2dd41cd2?auto=format&fit=crop&q=80&w=600" class="course-img" alt="CSE">
                <div class="card-body-custom">
                    <div class="meta-info">
                        <span><i class="bi bi-clock"></i> 4 Years</span>
                        <span><i class="bi bi-mortarboard"></i> B.Tech</span>
                    </div>
                    <h4 class="fw-bold mb-2">Computer Science & Engg.</h4>
                    <p class="text-muted small mb-3">Specialization in AI & ML. Co-branded with IBM.</p>
                    <hr class="opacity-25 mt-auto">
                    <div class="d-flex justify-content-between align-items-center mt-3">
                        <span class="fw-bold text-dark">₹1.4L <small class="fw-normal text-muted">/ year</small></span>
                        <button class="btn-details stretched-link"
                            data-bs-toggle="modal"
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Apply Now | LTSU Admissions 2025</title>

    <link href="https://fonts.googleapis.com/css2?family=Plus+Jakarta+Sans:wght@3
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.1
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.m
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/animate.c

    <style>
        :root {
            --primary-color: #0f172a;
            --accent-color: #f59e0b;
            --text-muted: #64748b;
        }

        body {
            font-family: 'Plus Jakarta Sans', sans-serif;
            color: #1e293b;
            background-color: #f1f5f9;
        }

        .navbar {
            backdrop-filter: blur(15px);
            background: rgba(15, 23, 42, 0.95) !important;
            padding: 1rem 0;
            border-bottom: 1px solid rgba(255,255,255,0.1);
        }

        .page-header {
            background: linear-gradient(rgba(15, 23, 42, 0.9), rgba(15, 23, 4
                        url("https://images.unsplash.com/photo-1523240795612-9a05
            background-size: cover;
            background-position: center;
            padding: 140px 0 60px 0;
            color: white;
            text-align: center;
        }

        .application-card {
            background: white;
            border-radius: 20px;
            box-shadow: 0 20px 50px rgba(0,0,0,0.08);
            overflow: hidden;
            border: 1px solid #e2e8f0;
            margin-top: -50px;
            position: relative;
            z-index: 2;
        }

        .steps-container {
            background: #f8fafc;
            padding: 20px;
            border-bottom: 1px solid #e2e8f0;
        }
        .step-circle {
            width: 35px;
            height: 35px;
            background: #cbd5e1;
            color: white;
            border-radius: 50%;
            display: flex;
            align-items: center;
            justify-content: center;

        .step-active .step-circle {
            background: var(--accent-color);
            color: #000;
        }
        .step-label {
            font-size: 0.75rem;
            font-weight: 600;
            color: var(--text-muted);
        }
        .step-active .step-label {
            color: var(--primary-color);
        }

        .form-label {
            font-weight: 600;
            font-size: 0.9rem;
            margin-bottom: 8px;
        }
        .form-control, .form-select {
            padding: 12px 15px;
            border-radius: 8px;
            border: 1px solid #cbd5e1;
        }
        .form-control:focus, .form-select:focus {
            border-color: var(--accent-color);
            box-shadow: 0 0 0 3px rgba(245, 158, 11, 0.15);
        }
        .btn-next {
            background: var(--primary-color);
            color: white;
            padding: 12px 30px;
            border-radius: 8px;
            font-weight: 600;
            border: none;
        }
        .btn-next:hover {
            background: #1e293b;
            color: white;
        }

        .sidebar-box {
            background: white;
            padding: 25px;
            border-radius: 15px;
            box-shadow: 0 5px 20px rgba(0,0,0,0.05);
            margin-bottom: 20px;
        }
        .contact-item {
            display: flex;
            align-items: center;
            margin-bottom: 15px;
        }
        .contact-icon {
            width: 40px;
            height: 40px;
            background: #fffbeb;
            color: var(--accent-color);
            border-radius: 50%;
            display: flex;
            align-items: center;
            justify-content: center;
            margin-right: 15px;
        }
```
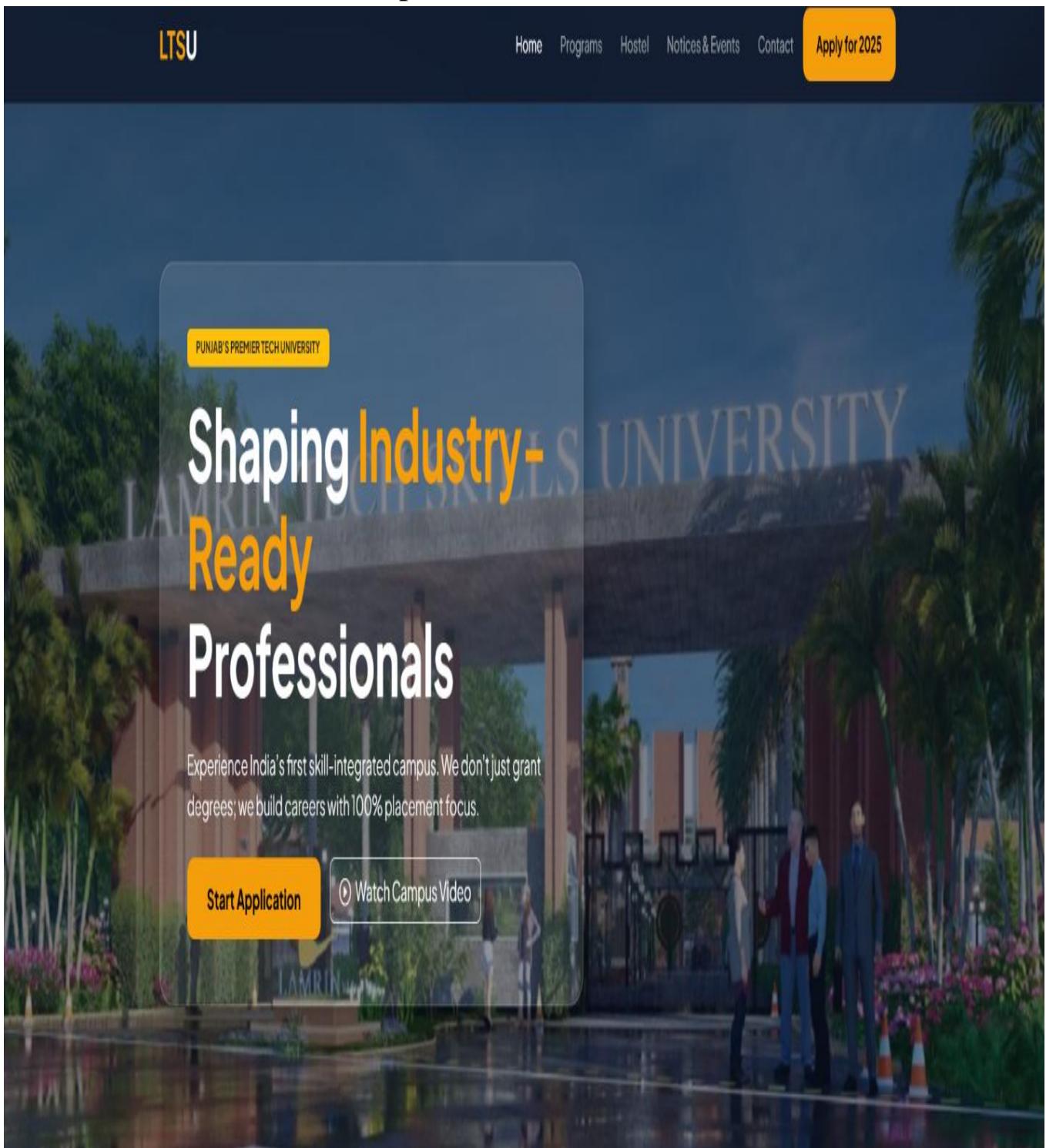
## UNTITLED (WORKSPACE)

- **LTSU**
  - `<>` apply.html
  - `<>` contact.html
  - `<>` hostel.html
  - `<>` index.html
  - `<>` notices.html
  - `<>` programs.html

13. Screenshots of Final Output:

Academic Programmes

Industry-designed curriculum to make you job-ready from Day 1. Choose your path to excellence.

All Programmes   Engineering   Management

Most Popular

🕐 4 Years   🎓 B.Tech

Computer Science & Engg.

Specialization in AI & ML. Co-branded with IBM for real-world project exposure.

₹1.4L / year   Details →

Tata Tech

🕐 4 Years   🎓 B.Tech

Mechanical Engineering

Designed with Tata Technologies. Focus on EV design, Robotics and heavy machinery.

₹1.2L / year   Details →

🕐 2 Years   💼 MBA

Business Analytics

Master data-driven decision making. 100% placement record in Fintech.

₹1.8L / year   Details →

🕐 3 Years   📈 BBA

Digital Marketing

Learn SEO, SEM, and Brand Management with live

🕐 4 Years   🔬 B.Pharma

Pharmacy

State-of-the-art labs. Focus on drug formulation and

| High-Speed Wi-Fi | Hygienic Mess | 24×7 Security | Gym & Sports |
| 24/7 Connectivity across all blocks. | Nutritious meals (Veg/Non-Veg). | Biometric entry & CCTV surveillance. | Indoor courts and fitness center. |

Accommodation Options

Choose the room type that fits your lifestyle and budget.

Premium Single

AC Available   Attached Washroom   Study Desk

Perfect for students who prefer privacy and a quiet environment for focused study.

Check Fees

Twin Sharing

AC / Non-AC   Balcony   2 Wardrobes

Spacious room shared by two. Balanced environment for socialising and studying.

Check Fees

Triple Comfort

Budget Friendly   Common Washroom   Cooler

Economical choice. Great for making friends and group studies.

Check Fees

Campus Updates

Stay informed with the latest announcements, exam schedules, and upcoming events.

Latest Announcements

DEC 24
EXAMINATION
Final Semester Examination Schedule Released
Click to view full datesheet and instructions.
›

DEC 20
GENERAL
Winter Vacation Announcement
Important dates regarding campus closure.
›

DEC 18
EVENT
IBM Hackathon Registration Open
Win internships and exciting prizes.
›

DEC 15
HOSTEL
Hostel Fee Deadline Extended
Last date to submit fees without penalty.
›
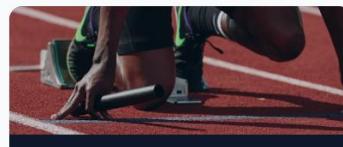
Upcoming Events

JAN 15, 2026
Tech-Nova 2026
Annual technical festival featuring robotics, coding, and gaming.

Register Now

FEB 10, 2026

14. Conclusion:

The development of the **LTSU Punjab Web Portal** successfully demonstrates the application of modern UI/UX design fundamentals in a real-world academic context. Through this project, we achieved several key learning milestones:

1. **Technical Proficiency:** We mastered the use of **Bootstrap's grid system** and Flexbox to create complex layouts that remain stable across all screen sizes.
2. **User Experience (UX):** By implementing intuitive navigation and interactive elements (like modals and validation alerts), we enhanced the ease with which a user can find critical information such as fee structures or admission steps.
3. **Visual Identity:** The project highlights the importance of consistent branding, achieved through a disciplined color palette (Navy Blue and Amber) and professional typography using the *Plus Jakarta Sans* font family.
4. **Semantic Integrity:** Using semantic HTML5 tags ensured that the website is not only visually organized but also optimized for accessibility and search engine readability.

15. Summary:

Overall, the project delivers a clean, engaging, and fully functional front-end prototype. It serves as a solid foundation for future enhancements, such as integrating a backend database for real-

time application processing or adding JavaScript-driven dynamic content loading. This project confirms our ability to bridge the gap between design theory and technical implementation.

16. References

- **L&T LMS: <https://learn.lntedutech.com/Landing/MyCourse>**

17. Project link:

GitHub Repo Link: <https://github.com/Rahma5983/My-CollegeandHostel-LTSU-Website>

Website Live Demo Link: <https://my-collegeand-hostel-ltsu-website.vercel.app/>