



L O V E L Y  
P R O F E S S I O N A L  
U N I V E R S I T Y

*Transforming Education Transforming India*

### CA-3 Assignment file

### Computer Science Engineering

**Title:Campus Event Calender**

<b>Submitted By:</b>	<b>Submitted To:</b>
<p><b>Registration no:12303686</b></p> <p><b>Name:Harsh Kumar</b></p> <p><b>Section:K23HK</b></p> <p><b>Roll no:61</b></p>	<p><b>Name : Sheetal Chauhan</b></p> <p><b>UID: 30960</b></p>

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## INTRODUCTION

The provided HTML, CSS, and JavaScript code constitutes a Campus Event Calendar web-page for an educational institution. The page offers information about various campus events, including workshops, competitive events, and writing sessions. Here's an introductory description for this web-page:

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# \*\*Title: Campus Event Calendar\*\*

The Campus Event Calendar web-page presents an extensive array of upcoming events within the educational landscape. Embracing a user-friendly interface, it invites students, faculty, and visitors to explore and engage with a diverse range of activities aimed at fostering holistic development and academic enrichment.

The campus event calendar web-page is the vibrant heartbeat of our university community, offering a dynamic and centralized platform to explore the rich tapestry of activities, gatherings, and engagements pulsating throughout our campus. Seamlessly curated and meticulously organized, this digital hub serves as a one-stop destination for students, faculty, staff, and visitors to discover a diverse array of events that enrich our academic, cultural, and social landscapes.

From captivating guest lectures by esteemed scholars to spirited sporting events that ignite our competitive fervor, this calendar encapsulates the essence of our campus life. It's a living mosaic, showcasing a plethora of opportunities—from artistic performances and club meetings to academic symposiums and volunteer initiatives—that collectively define the vibrant rhythm of our university experience.

Each listing within this comprehensive calendar unveils a treasure trove of information, offering details on event timings, locations, descriptions, and sometimes the chance to RSVP or synchronize events with personal schedules. Beyond its functionality, this platform embodies our commitment to fostering a thriving community, nurturing connections, and encouraging active participation in the multifaceted tapestry of campus life.

Welcome to our digital agora—a virtual gateway to explore, engage, and be inspired by the kaleidoscope of events that shape our collective journey within this esteemed academic landscape.

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## **\*\*Key Features:\*\***

### **- \*\*Visual Identity:\*\***

- A vibrant logo at the top, symbolizing the institution's identity and linking to the official website for additional information.

### **- \*\*Event Listings:\*\***

- A well-organized layout showcasing a series of events, each encapsulating essential details like dates, titles, descriptions, and other relevant information.

### **- \*\*User Interaction:\*\***

- Opportunities for engagement and participation through clickable links providing further event details and external resources for an enriched experience.

### **- \*\*Accessibility:\*\***

- A footer section offering convenient navigation to the homepage, comprehensive event details, and direct contact with the institution.

### **\*\*Functionality:\*\***

The web-page dynamically populates event details fetched from a JavaScript array. It employs scripting to generate an intuitive display format, enabling visitors to explore events scheduled within a specific timeframe. The use of event-specific icons and formatting aids in easy comprehension and enhances user engagement.

## **\*\*Objective:\*\***

The primary aim of this Campus Event Calendar is to serve as a centralized hub for disseminating information about upcoming events, workshops, and competitions. By providing comprehensive details and convenient access, it encourages active participation, fosters a sense of community, and enriches the academic journey for all stakeholders associated with the institution.

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This introductory overview aims to highlight the functionality, purpose, and user - centric design aspects of the Campus Event Calendar web-page, emphasizing its role in facilitating engagement and communication regarding campus activities.

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## **\*\*Techonology used in creating the websites\*\***

Website development is a dynamic field that relies on a combination of technologies to create engaging, functional, and visually appealing online experiences. Two fundamental languages that play a crucial role in this process are HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Together, these technologies form the backbone of the modern web, enabling developers to structure content and enhance its presentation.

## **Explanation of HTML (Hypertext Markup Language) for Structure:**

**HTML, or Hypertext Markup Language, is the foundational language of the World Wide Web. It serves as the backbone for creating the structural framework of a webpage. HTML uses a markup system, utilizing tags to define various elements on a web page such as headings, paragraphs, images, links, and more. Each HTML tag encapsulates content, providing browsers with instructions on how to display and organize information.**

## **Overview of CSS (Cascading Style Sheets) for Styling and Design:**

**While HTML defines the structure of a webpage, CSS (Cascading Style Sheets) takes center stage in the realm of styling and design. CSS allows developers to control the visual presentation of HTML elements, ensuring a consistent and visually appealing user experience. CSS achieves this through a style rule mechanism. Selectors identify HTML elements, and declarations within the rule specify how those elements should be styled. Properties like color, font size, margin, padding, and more are used to define the appearance.**

## **Overview of JAVASCRIPT for creating webpage:**

**JavaScript, as a crucial part of web development, complements HTML and CSS by adding interactivity, functionality, and dynamism to websites. It enables me to create engaging user experiences and perform various tasks on the client-side.**

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# Codes of:- LOGIN PAGE

## File Name:-login.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>Login Page</title>
    <link rel="stylesheet" href="login.css">
</head>
<body>
    <div class="logo"> <img src='https://www.educationworld.in/wp-content/uploads/2019/04/LPU-Logo-02.jpg' width="400"
        height="auto" alt="campus logo">
        <h1>Events Calender</h1>
    </div>
    <div class="login-container">
        <h2>Login</h2>
        <form>
            <div class="input-group">
                <label for="username">Registration no:</label>
                <input type="number" id="username" name="username" required>
            </div>
            <div class="input-group">
                <label for="password">Password:</label>
                <input type="password" id="password" name="password" required>
            </div>
            <a href="html.html">LOG IN</a>
        </form>
    </div>

</body>
</html>
```

## Decoding of code of login.html

This is an HTML document that creates a basic login page. Let me break down what each section does:

**<!DOCTYPE html>**: Declaration that specifies the document type and version of HTML being used (in this case, HTML5).

**<HTML lang="en">**: Opening tag for the HTML document, specifying the language as English.

**<head>**: Contains meta-information about the document and links to external resources.

**<meta charset="UTF-8">**: Sets the character encoding to UTF-8, allowing the page to support various characters and symbols.

**<title>Login Page</title>**: Sets the title of the webpage displayed in the browser tab.

**<link rel="stylesheet" href="styles.css">**: Links an external CSS file named "styles.css" for styling the webpage.

**<body>**: The main content of the webpage.

**<div class="logo">**: A division or container with the class "logo" for styling purposes.

**<img src='https://www.educationworld.in/wp-content/uploads/2019/04/LPU-Logo-02.jpg' width="400" height="auto" alt="campus logo">**: Inserts an image with a specific URL and attributes for width, height, and alternative text.

**<h1>Events Calender</h1>**: Displays the heading "Events Calendar" within the "logo" div.

**<div class="login-container">**: Another division for organizing login-related content.

**<h2>Login</h2>**: Displays the heading "Login" within the "login-container" div.

**<form>**: Starts a form for user input.

**<div class="input-group">**: A container for form elements.

**<label for="username">Registration no:</label>**: Provides a label for the username input field.

**<input type="number" id="username" name="username" required>**: Creates an input field for the username, specifying it as a number type and requiring user input.

**<label for="password">Password:</label>**: Provides a label for the password input field.

**<input type="password" id="password" name="password" required>**: Creates an input field for the password, hiding the input characters and requiring user input.

**<a href="html.html">LOG IN</a>**: Creates a hyperlink to a page named "html.html" (this could lead to another page or function when clicked).

## File Name:-login.css

```
body {  
    font-family: Arial, sans-serif;  
    margin: 0;  
    padding: 0;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
    height: 100vh;  
    background-color: #f4f4f4;  
    background-image:  
url(https://th.bing.com/th/id/R.7c83afe4915fc72564941ab32ff1e37d?rik=pghCQhxAXbDsMg&  
riu=http%3a%2f%2fblog.hdwallsources.com%2fwp-content%2fuploads%2f2016%2f01%2fgif-  
41328-42318-hd-  
wallpapers.jpg.gif&ehk=jXMET6Ao3ZNt37%2bnIYsyMYuEu76zCmEHXHNaWSpkp2c%3d&risl=1&pid=I  
mgRaw&r=0);  
    background-repeat: no-repeat;  
    background-attachment: fixed;  
    background-size: 100%;  
}  
  
.login-container {  
    background-color:  
#fff; padding: 20px;  
border-radius: 5px;  
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}  
.logo {  
color: yellow;  
font-family: serif;  
border: solid 2px blue;  
padding: 20px;  
}  
h2 {  
text-align: center;  
}  
form {  
display: flex;  
flex-direction: column;  
}  
.input-group {  
margin-bottom: 15px;  
}
```

```
label {
    margin-bottom: 5px;
    display: block;
    font-weight: bold;
}
input[type="number"],
input[type="password"] {
    padding: 8px;
    font-size: 16px;
    border-radius: 3px;
    border: 1px solid #ccc;
}
a {
    color: blue;
}
a:visited {
    color: rgb(252, 252, 252);
}
a:hover
    { color: red;
}
a:active
    { color: green;
}
a {
    text-decoration: none;
}
a {
    display: block;
}
a {
    padding: 5px;
}
a {
    display: inline-block;
    padding: 10px 20px;
    background-color: #007bff;
    color: white;
    text-decoration: none;
    border-radius: 4px;
}
a:focus
    { outline: none;
```

## Decoding of code of login.css

This CSS code contains styles for the layout, appearance, and interactions of elements in a web-page login.html, the same login page described above. Let me break down the sections:

**Body:** Defines styles for the entire document's body, including font-family, margin, padding, flex box display, background color, and an image as a background with fixed attachment and full-size coverage.

**.login-container:** Styles specific to the container holding the login form - background color, padding, border-radius, and a box-shadow effect.

**.logo:** Styles for the logo section - text color, font-family, border, and padding.

## Form Styles

**form:** Sets the form display as a flex column.

**.input-group:** Defines margins between input groups.

**label:** Styles for labels, including margins, display as a block, and bold font.

**input[type="number"], input[type="password"]:** Styles for number and password input fields - padding, font-size, border-radius, and border.

## Link Styles

**a:** Initial styling for links - default color, no underline, displayed as block-level element, and padding.

**a:visited:** Styling for visited links - changes the color.

**a:hover:** Styling for links on hover - changes the color.

**a:active:** Styling for links when clicked - changes the color.

**a:** The same selector is reused multiple times to define various link styles, which could potentially cause conflicting styles.

**a:focus:** Styles links on focus - removes the default outline.

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Overall, these styles aim to create a centered login form with specific formatting for input fields and custom link styles for visual interaction cues. The CSS code aims to provide a cohesive and styled appearance to the login page elements.

---

---

# Codes of:- MAIN PAGE

## File Name:-html.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>Campus Event Calendar</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="logo">
        <a target="_blank" href="https://www.lpu.in/#"><img
            src='https://www.educationworld.in/wp-
content/uploads/2019/04/LPU-Logo-02.jpg' width="800" height="200"
            alt="campus logo"></a>
    </div>
    <div class="calendar">
        <div class="head">
            <h1>Campus Event Calendar</h1>
        </div>
        <div class="events" id="events">
        </div>
    </div>
    <hr width="70%" color="white" size="3">
    <footer class="footer">
        <div class="container">
            <p>&copy; 2023 Campus Event Calendar</p>
            <ul class="footer-links">
                <li><a href="login.html">Home</a></li>
                <li><a target="_blank"
                    href="https://ums.lpu.in/lpuums/LoginNew.aspx">For More About Events</a></li>
                <li><a target="_blank"
                    href="https://www.lpu.in/">Contact</a></li>
            </ul>
        </div>
    </footer>
    <script src="script.js"></script>
</body>
</html>
```

## Decoding of code of html.html

This HTML code constructs a webpage, likely a Campus Event Calendar, with various sections and links. Here's a breakdown of its structure:

### ### Document Structure

- **<!DOCTYPE html>**: Declaration specifying the HTML version as HTML5.
- **<html lang="en">**: The opening tag for the HTML document with the language set to English.

### ### Head Section

- **<head>**: Contains meta-information about the document and links to external resources.
- **<meta charset="UTF-8">**: Sets the character encoding to UTF-8 for handling various characters.
  - **<title>Campus Event Calendar</title>**: Sets the title of the webpage.
  - **<link rel="stylesheet" href="style.css">**: Links an external CSS file named "style.css" for styling the webpage.

### ### Body Section

- **<body>**: Contains the visible content of the webpage.
  - **<div class="logo">**: Section for the logo with a link wrapped around an image.
    - **<a target="\_blank" href="https://www.ipu.in/#">**: Opens the link in a new tab.
    - **<img src='URL' width="800" height="200" alt="campus logo">**: Image with specific URL, width, height, and alternative text.
  - **<div class="calendar">**: Container for the calendar section.
    - **<div class="head">**: Subdivision for the calendar header.
      - **<h1>Campus Event Calendar</h1>**: Heading for the calendar.
      - **<div class="events" id="events">**: Placeholder for events, possibly to be populated dynamically.
    - **<hr width="70%" color="white" size="3">**: Horizontal line with specific width, color, and size.
  - **<footer class="footer">**: Footer section.
    - **<div class="container">**: Container for footer content.
      - **<p>&copy; 2023 Campus Event Calendar</p>**: Copyright notice.
      - **<ul class="footer-links">**: Unordered list for footer links.
        - List items with anchor tags linking to various pages/resources.

### ### Scripts

- **<script src="script.js"></script>**: Links an external JavaScript file named "script.js" for scripting functionalities or interactions on the webpage.

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This HTML structure seems to create a complete webpage layout with a header, calendar section, footer, and references to external styles and scripts for additional functionality and styling.

---

---

### File Name:-style.css

```
body {
    font-family: Arial, sans-serif;
    margin: auto;
    padding: auto;
    background-image:
url('https://th.bing.com/th/id/R.7c83afe4915fc72564941ab32ff1e37d?rik=pghC
QhxAXbDsMg&riu=http%3a%2f%2fblog.hdwallsource.com%2fwp-
content%2fuploads%2f2016%2f01%2fgif-41328-42318-hd-
wallpapers.jpg.gif&ehk=jXMET6Ao3ZNt37%2bnIYsyMYuEu76zCmEHXHNawSpkp2c%3d&ri
sl=1&pid=ImgRaw&r=0');
    background-repeat: no-repeat;
    background-attachment: fixed;
    background-size: 100%;
}

.logo {
    border: solid 3px green;
    padding: 10px 0 10px 350px;
    display: flex;
}
 cname {
    color: rgb(255, 166, 0);
    font-size: 50px;
    text-align: center;
}
.calendar {
    max-width: 800px;
    margin: 20px auto;
    padding: 20px;
    border-radius: 5px;
}
.head {
    color: yellow;
```

```
font-family: serif, monospace;
text-decoration: solid;
text-decoration: underline;
padding-left: 10px;
}
.events {
margin-top: 20px;
}
.event {
border: 1px solid #ddd;
padding: 10px;
margin-bottom: 10px;
border-radius: 5px;
background-color: #fff;
}
.date {
border: solid 2px red;
}
.title {
color: rgb(0, 150, 0);
font-size: 30px;
font-weight: bold;
font-display: solid;
font-family: serif
}
.description {
color: rgb(10, 52, 222);
border: dotted 2px black;
padding: 5px;
}
.dl {
text-decoration: underline;
font-weight: 600;
}
.time {
color: rgb(255, 0, 0);
font-weight: bold;
}
.e1 {
background-image:
url('https://th.bing.com/th/id/R.6effa7b5c9b41d759a527c3fc4ca8a4f?rik=RxD
qM%2bnKuafA&riu=http%3a%2f%2fgetwallpapers.com%2fwallpaper%2ffull%2f1%2f2
%2f4%2f1261529-cool-birthday-celebration-wallpaper-1920x1080-
lockscreen.jpg&ehk=00beYLYWj%2fkKP08D6EmeLaHltMGd0f9cXTD2IOSV%2bY%3d&risl
=&pid=ImgRaw&r=0');
}
a:-webkit-any-link
{
cursor: pointer;
text-decoration: none;
font-size: 20px;
font-weight: bold;
```

```
}

a {
  color: #001eff;
}

a:visited
  { color:
  #0d00ff;

}

a:hover {
  color: #00ff2f;
}

a:active {
  color: #FFFF00;
}

.footer
  { color:
  #fff;
  padding: 20px 0;
  text-align: center;
}

.footer p
  { margin: 0;
}

.footer-links
  { list-style:
  none; padding: 0;
}

.footer-links li
  { display:
  inline; margin:
  0 10px;
}

.footer-links li a
```

## Decoding of code of style.css

This CSS code contains various styles applied to elements within a webpage. Let's break it down:

### ### Body Styles:

**- body:** Styles the body of the webpage, setting the font-family, margin, padding, and a background image. It ensures the background image doesn't repeat and covers the entire background.

### ### Logo Section:

- **.logo:** Styles a logo section, setting a green border, padding, and using flex for layout purposes.

### **### Calendar Section:**

- **.cname:** Styles the calendar name with specific color, font size, and center alignment.
- **.calendar:** Styles the calendar container, defining maximum width, margin, padding, and border radius.

### **### Calendar Head:**

- **.head:** Styles the calendar header text, setting color, font-family, text decoration, and padding.

### **### Events:**

- **.events:** Styles the container for events, setting margin-top.

### **### Event Details:**

- **.event:** Styles each event box, setting border, padding, margin, border radius, and background color.
- **.date:** Styles the date section within an event box, setting a red border.
- **.title:** Styles the event title with color, font size, weight, and font family.
- **.description:** Styles the event description with color, border, and padding.
- **.dl:** Styles a downloadable link within an event.
- **.time:** Styles the time section within an event with color and font weight.

### **### Individual Event Classes:**

- **.e1:** Styles a specific event class with a background image.

### **### Link Styles:**

- **a:-webkit-any-link:** Styles applied to all links, setting cursor, text decoration, font size, and weight.

**- a, a:visited, a:hover, a:active:** Styles for different states of links—normal, visited, hover, and active. It defines colors and text decorations for each state.

### ### Footer Styles:

- .footer:** Styles the footer section with color, padding, and text alignment.
- .footer p:** Styles the paragraphs within the footer, removing margin.
- .footer-links:** Styles the list within the footer, removing list-style and padding.
- .footer-links li:** Styles list items within the footer, displaying inline and setting margins.
- .footer-links li a:** Styles links within the footer, setting color and removing text decoration.

\*\*\*-----\*\*\*

Overall, this CSS code seems to style various sections of a webpage, including the logo, calendar, events, links, and footer, to create a visually appealing and organized layout for displaying event details.

---

## File Name:-script.js

```
alert("welcome to LPU Event Calender");
document.addEventListener('DOMContentLoaded', function () {
  const eventsContainer = document.getElementById('events');

  // Sample event data (you can replace this with real data)
  const events = [
    { date: '2023-11-30', title: 'A Workshop on Introduction to Paraphrasing and its Application in Academic Writing ', description: 'Centre for Professional Enhancement is going to conduct "A Workshop on Introduction to Paraphrasing and its Application in Academic Writing". The workshop emphasizes on giving students training about the Paraphrasing - the process of rephrasing a text in its own words while retaining the original meaning and steps that can be followed to paraphrase effectively and its application in academic writing. This workshop will help the students in strengthening their writing skills. This will increase their confidence to write specific content and by using synonyms, converting voices and citation. The workshop will also give hands-on experience about paraphrasing where students will learn and know its implementation.' },
  { date: '2023-12-05', title: 'Workshop on Effective Communication Skills', description: 'The workshop aims to enhance communication skills through various interactive sessions, including presentations, group discussions, and role-playing exercises. Participants will learn effective communication techniques, including active listening, clear articulation, and effective presentation skills. The workshop will also cover the importance of non-verbal communication and how it complements verbal communication.' },
  { date: '2023-12-10', title: 'Workshop on Time Management and Productivity', description: 'The workshop focuses on improving time management and productivity. It includes strategies for prioritizing tasks, creating efficient work schedules, and reducing distractions. Participants will learn how to set realistic goals, break down large projects into manageable tasks, and develop habits that promote productivity and efficiency in both personal and professional life.' },
  { date: '2023-12-15', title: 'Workshop on Stress Management and Mental Health', description: 'The workshop addresses the importance of mental health and stress management. It covers various techniques for managing stress, including mindfulness, relaxation exercises, and cognitive-behavioral therapy. Participants will learn how to identify triggers of stress, develop coping mechanisms, and maintain a positive mental attitude. The workshop also explores the connection between mental health and overall well-being.' },
  { date: '2023-12-20', title: 'Workshop on Leadership and Team Building', description: 'The workshop is designed to develop leadership skills and strengthen team dynamics. It includes sessions on effective leadership styles, communication, and conflict resolution. Participants will have opportunities to practice leadership roles, build trust within their teams, and develop collaborative problem-solving skills. The workshop also emphasizes the importance of diversity and inclusion in the workplace.' }
]
```

```

dutyleave: 'Yes', timing: '01:00 PM Onwards ', location:
'https://www.google.com/maps/dir//School+of+Mechanical+Engineering+(Block+
55),+6PW3%2BR98,+Gurudwara+Rd,+Punjab+144411/@31.2469601,75.7033134,21z/d
ata=!4m8!4m7!1m0!1m5!1m1!1s0x391a5f65748ad8a1:0x7ea84c87953de83a!2m2!1d75.7
034572!2d31.2470394?entry=ttu', venue: 'Block 55A-501' },
{ date: '2023-11-30', title: 'Think and Speak- A competitive event on
Speaking skill ', description: 'Centre for Professional Enhancement is
going to conduct "Think and Speak- A competitive event on Speaking skill". The
event emphasizes giving students a platform to learn and enhance their
speaking skills with a focus on language. This competition will help the
student's learning experiences, social interactions, and emotional well-
being. It enhances comprehension, engagement, and connection, contributing
to a positive and enriching educational journey. This will increase their
proficiency in communication and empowers students to express themselves
confidently. Through this competition, students will able to convey their
ideas, opinions, and emotions with clarity, assertiveness, and
authenticity, enhancing their self-confidence and communication skills.', dutyleave: 'Yes', timing: '01:00 PM Onwards ', location:
'https://www.google.com/maps/dir//School+of+Mechanical+Engineering+(Block+
55),+6PW3%2BR98,+Gurudwara+Rd,+Punjab+144411/@31.2469601,75.7033134,21z/d
ata=!4m8!4m7!1m0!1m5!1m1!1s0x391a5f65748ad8a1:0x7ea84c87953de83a!2m2!1d75.7
034572!2d31.2470394?entry=ttu', venue: 'Block 55A-503' },
{ date: '2023-12-01', title: 'Storyworld: A workshop on Short Story
writing', description: 'Centre for Professional Enhancement is going to
conduct "Storyworld: A workshop on Short Story writing".The workshop is
centred around the art of crafting short stories.The primary focus of this
workshop is to nurture and enhance the participants creative writing
abilities, while also fostering their imaginative prowess. This endeavour
aims to instil in students the skill of organizing their thoughts
cohesively and expressing them with clarity and precision, as they become
acquainted with the concise and impactful style inherent to short story
composition. This particular form of literary expression will impart the
invaluable lesson of conveying profound narratives within the constraints
of brevity, making it a highly suitable exercise for those seeking to
refine their storytelling aptitude.Moreover, It also promises to provide
students with a hands-on opportunity to refine their vocabulary and
grammar. Through engaging in the exchange of various narratives and
dialogues with their peers, they will be able to fine-tune their language
skills and grammatical proficiency', dutyleave: 'Yes', timing: '05:00
Onwards', location:
'https://www.google.com/maps/dir//7P34%2BQ6W+Lovely+School+of+Business,+Ka
purthala,+Punjab+144601/@31.2545606,75.7050547,19.18z/data=!4m8!4m7!1m0!1m
5!1m1!1s0x391a5f670c8eb847:0x9abfae49e37f91c9!2m2!1d75.7055912!2d31.254490
9?entry=ttu', venue: 'Block 14-101L' },
// Add more events here by format given below
// { date: '', title: '', description: '', dutyleave: '', timing: '',
location: '', venue: '' },
];
// Function to display events
function displayEvents() {
  eventsContainer.innerHTML = ''; // Clear previous events
}

```

```

events.forEach(event => {
  const eventElement = document.createElement('div');
  eventElement.classList.add('event');
  const eventDate = new Date(event.date);
  const formattedDate = eventDate.toLocaleDateString('en-US', { month:
'long', day: 'numeric', year: 'numeric' });
  eventElement.innerHTML =
    `<div class='e1'>
      <p class='date'><h2> ${formattedDate}</h2></p>

      <p class='title'> ${event.title}</p>

      <p class='description'>${event.description}</p>

      <p class="dl">Duty Leave:${event.dutyleave}</p>

      <p class="time"><img
src='https://th.bing.com/th/id/OIP.z1QT7_XPt3d0ympQwdTrZgHaHa?rs=1&pid=Img
DetMain' width='25' height='25' alter='Timing|'>${event.timing}</p>

      <p class='location'><a target='_blank'
href="${event.location}"><img src='https://1.bp.blogspot.com/-n03qP0tQJ-
A/Xwo_LZEYCBIAAAAAAAABAU/KDoOKCEW7UYWLsdqqKYwk6D8of93VapgACLcBGAsYHQ/s204
8/location%2Bicon.png' width='25' height='25'
alter='Venue|'>${event.venue}</a></p>

      <p class='details'><a target="_blank"
href="https://ums.lpu.in/lpuums/LoginNew.aspx">click here for more
details</a></p></div>

    `;
  eventsContainer.appendChild(eventElement);
});
displayEvents();
});

```

## Decoding of code of script.js

**This JavaScript code contains functionality to display a series of events dynamically on a webpage. Let's break it down:**

### ### Alert:

**- alert("welcome to LPU Event Calendar");:** Displays an alert with the message "welcome to LPU Event Calendar" when the script runs.

### ### Event Data:

- A JavaScript object array named events contains event details like date, title, description, duty leave availability, timing, location URL, and venue.

### **### Event Display Function:**

- **displayEvents():** A function that displays events dynamically on the webpage.
- **document.addEventListener('DOMContentLoaded', function () {...});:** Listens for the DOM content to be fully loaded before executing the JavaScript code inside it.

### **### Displaying Events:**

- Iterates through the events array and creates HTML elements dynamically for each event.
- Formats event data into HTML structure and populates it into the eventsContainer element fetched using **document.getElementById('events')**.
- Uses Date object to format dates and creates elements accordingly for date, title, description, duty leave, timing, location, and venue.
- Appends each event element to the **eventsContainer** to display on the webpage.

### **### Event Structure:**

The event HTML structure includes:

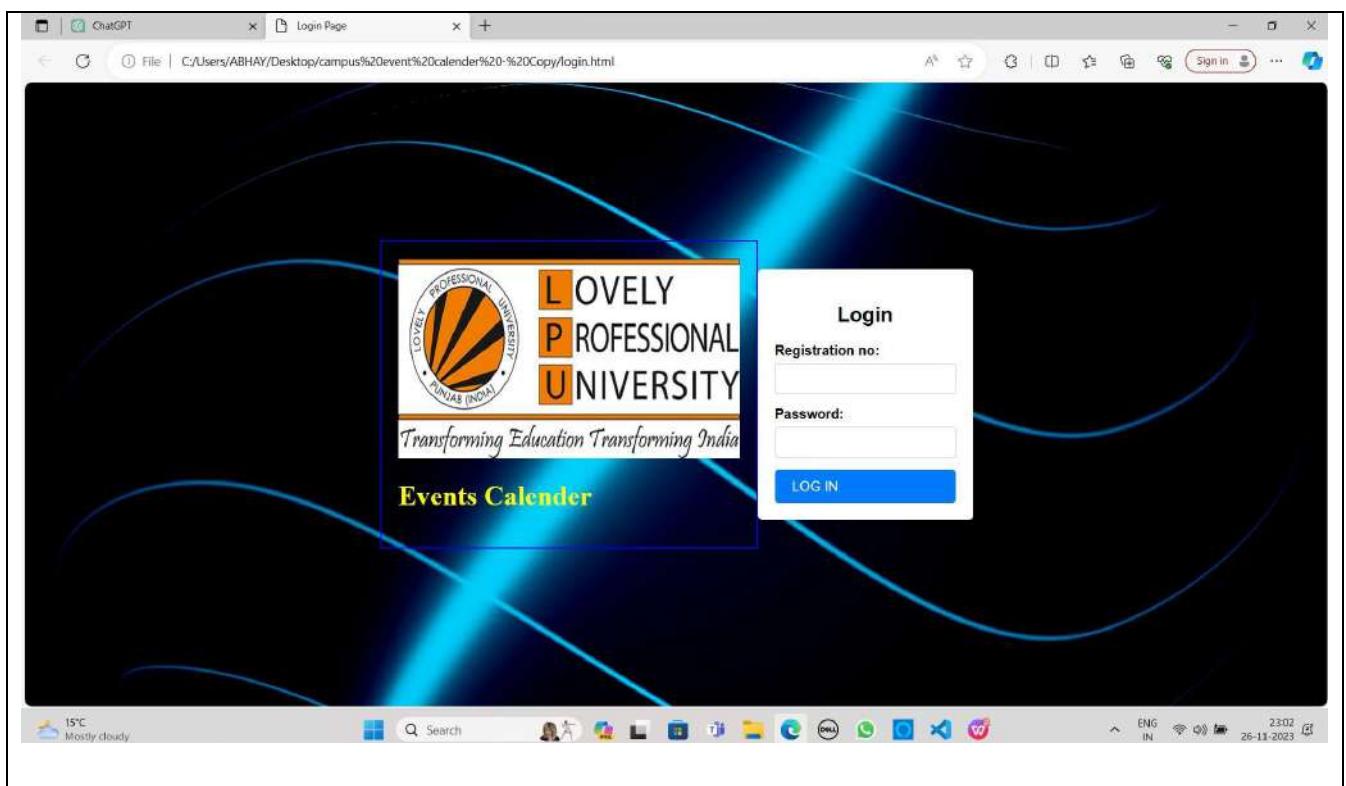
- Date with formatting.
- Event title.
- Event description.
- Duty leave availability.
- Event timing.
- Event location with a link to Google Maps.
- A link for more details leading to a specific URL.

\*\*\*-----\*\*\*

**This code is structured to dynamically generate event elements based on the data provided in the events array and then display them on the webpage when the document is fully loaded.**

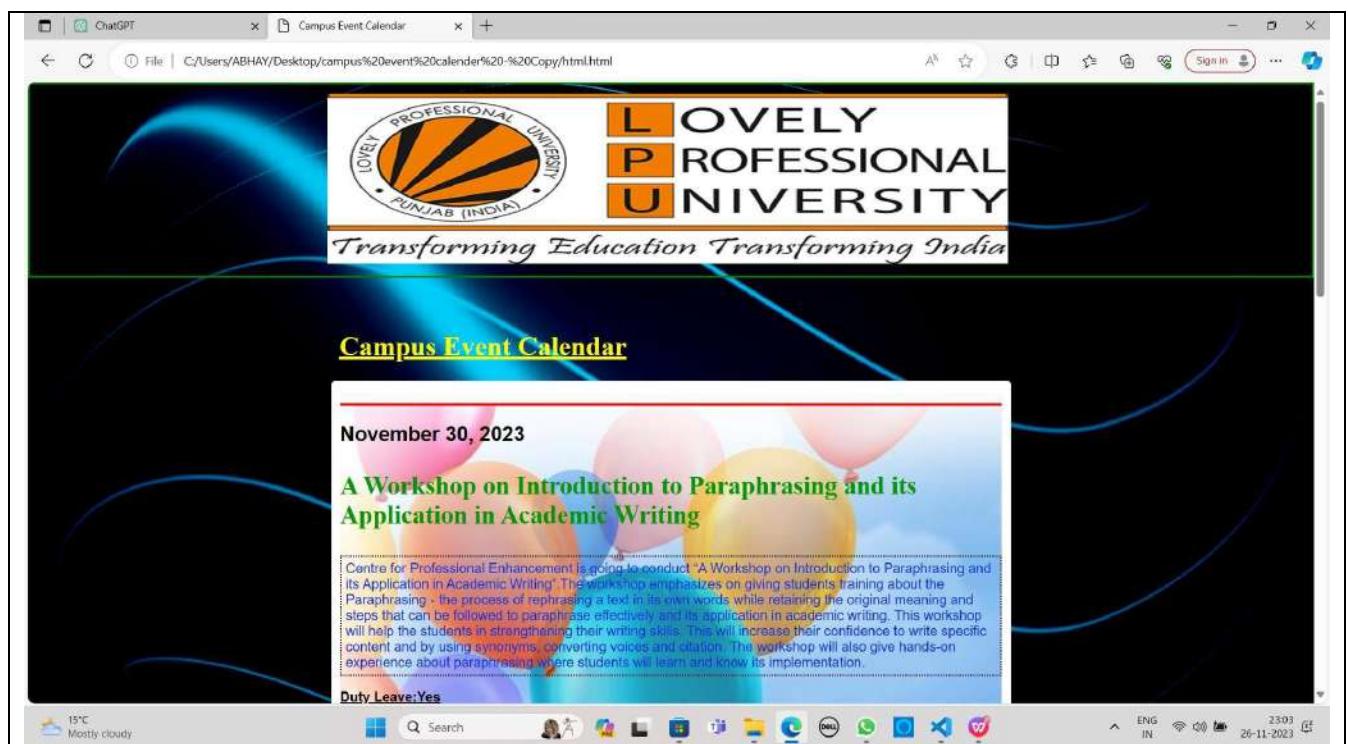
---

# Screenshot of login page

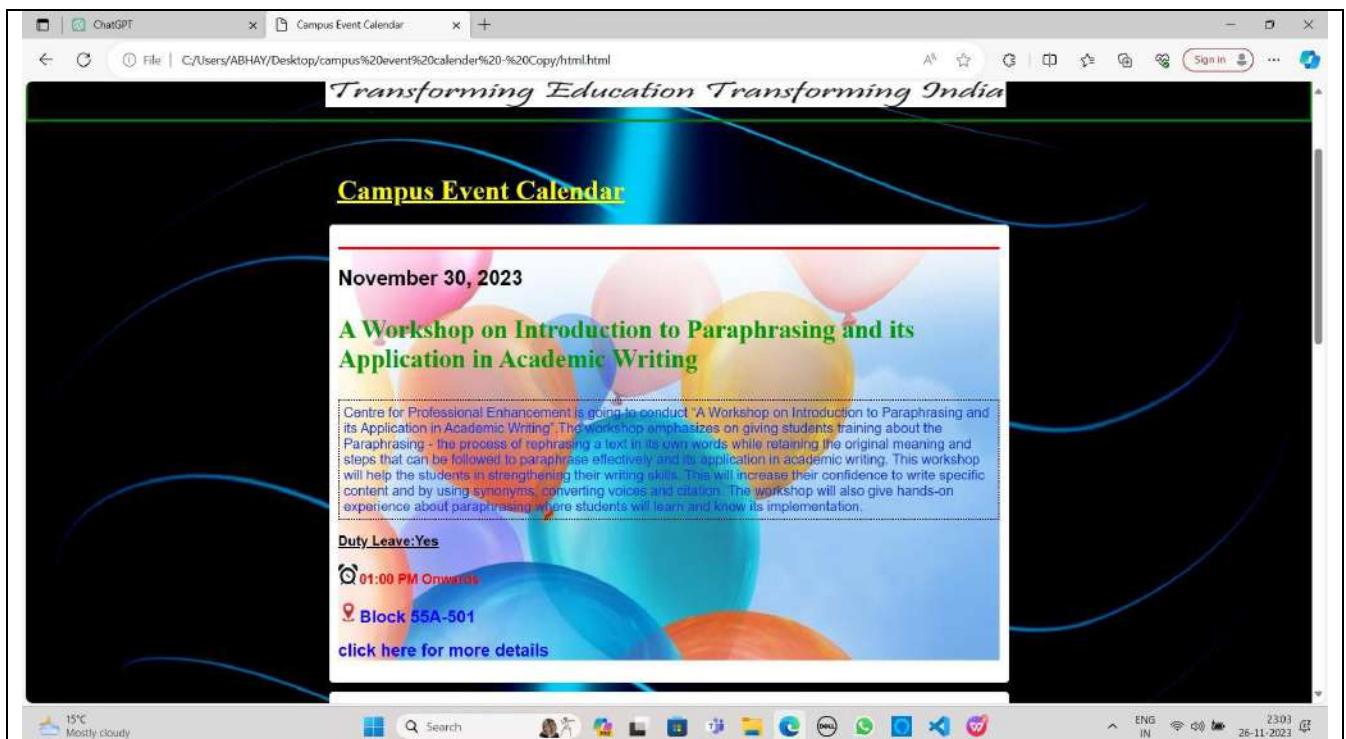


**After login by registration no and password:**

# Screenshot of Events Calender



# Screenshot of one full event detail format

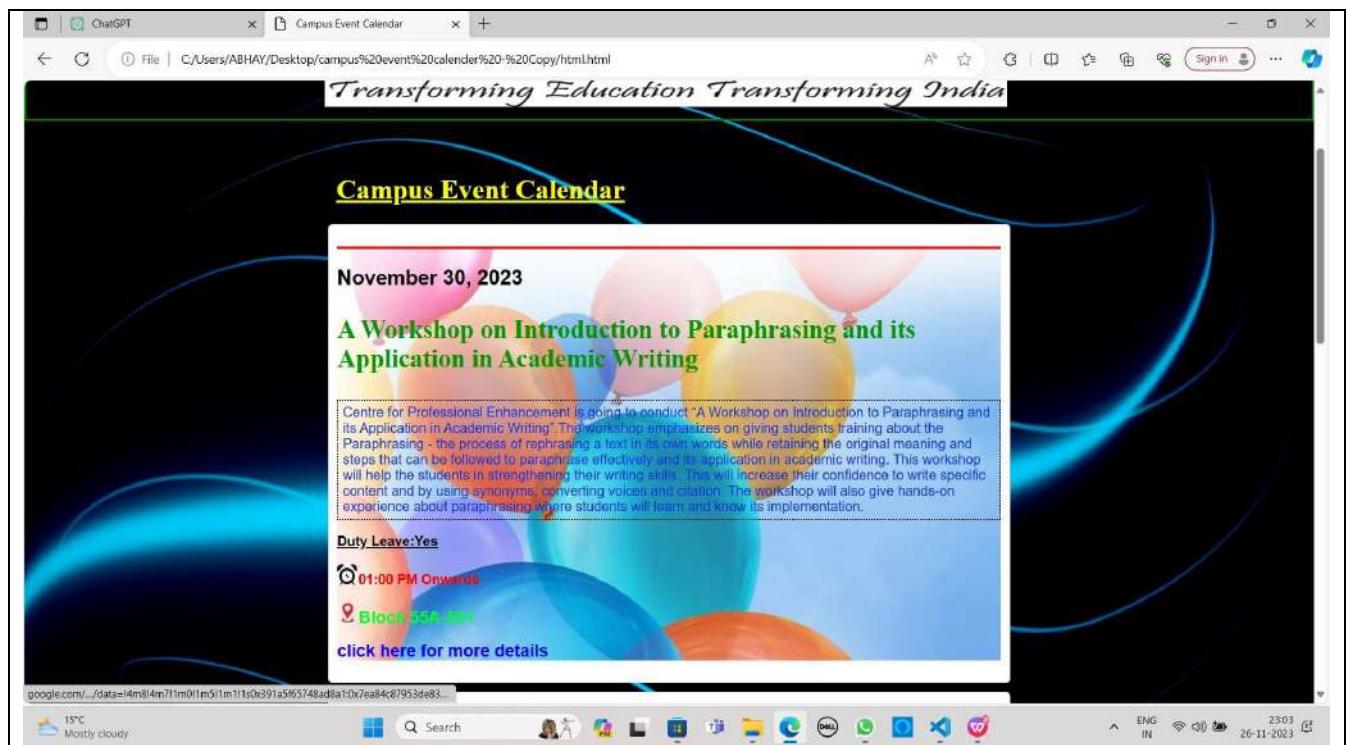


## Format of Event:

- 1. Date of Event**
- 2. Description about event**
- 3. Information about Duty leave**
- 4. Timing of Event**
- 5. Location of Event with Google Map tagged Link**
- 6. More information link**

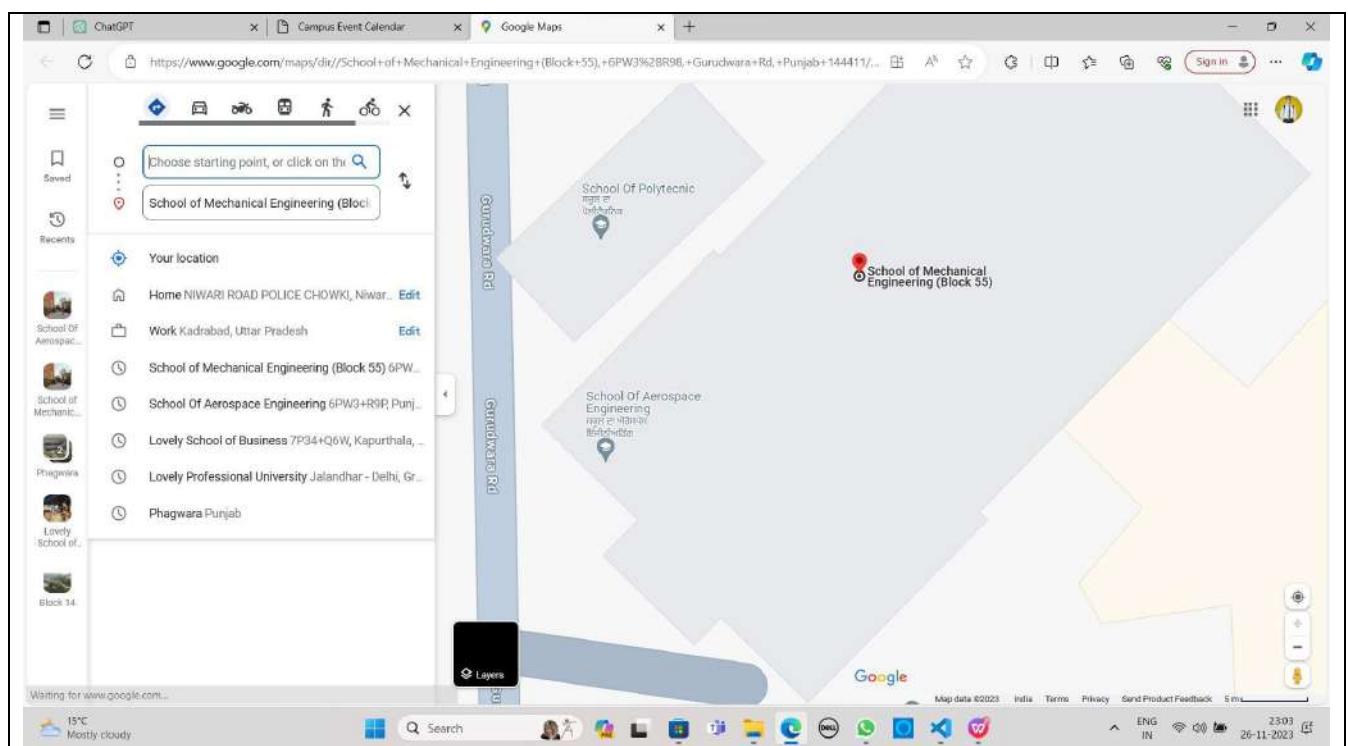
# Screenshot of location element

when you drag your mouse on location element color change into green



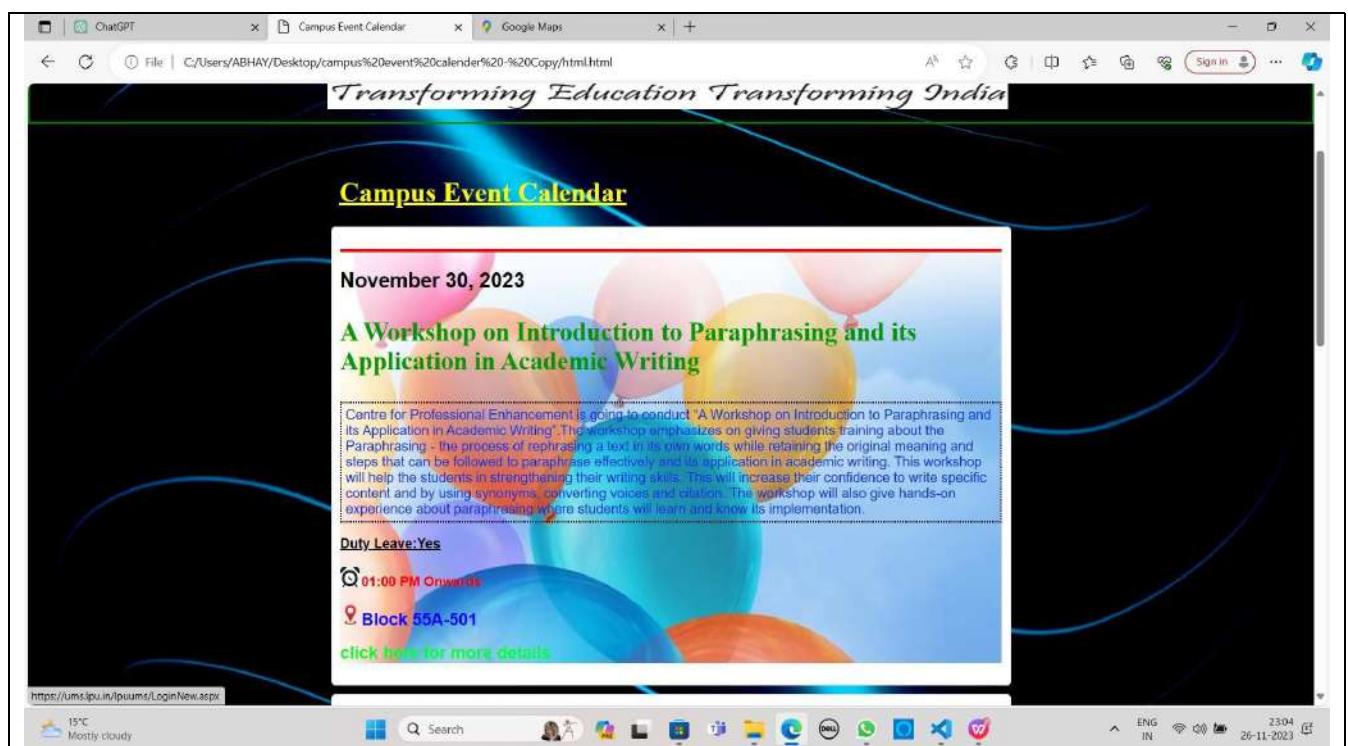
# Screenshot of location on Gmaps

When you click on location it will redirect you on Gmaps  
event location



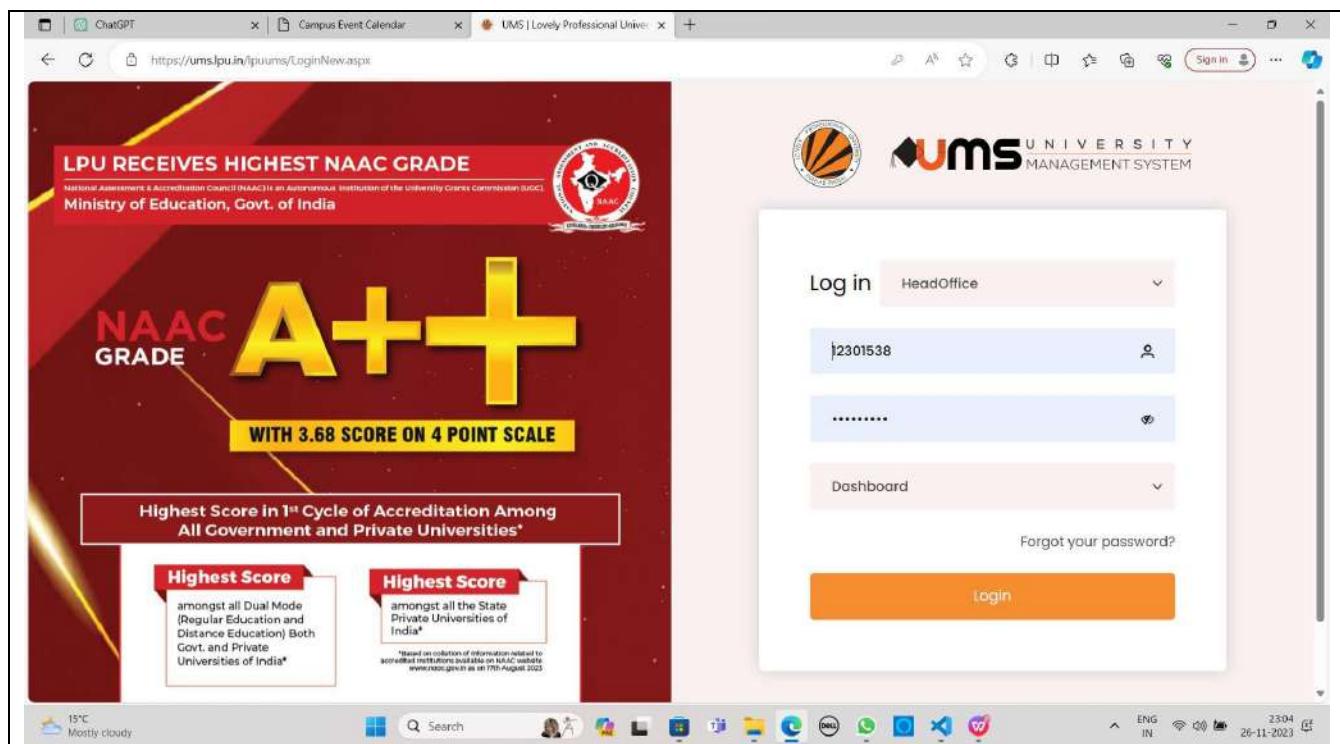
# Screenshot of More Information Element

when you drag your mouse on more information element color change into green

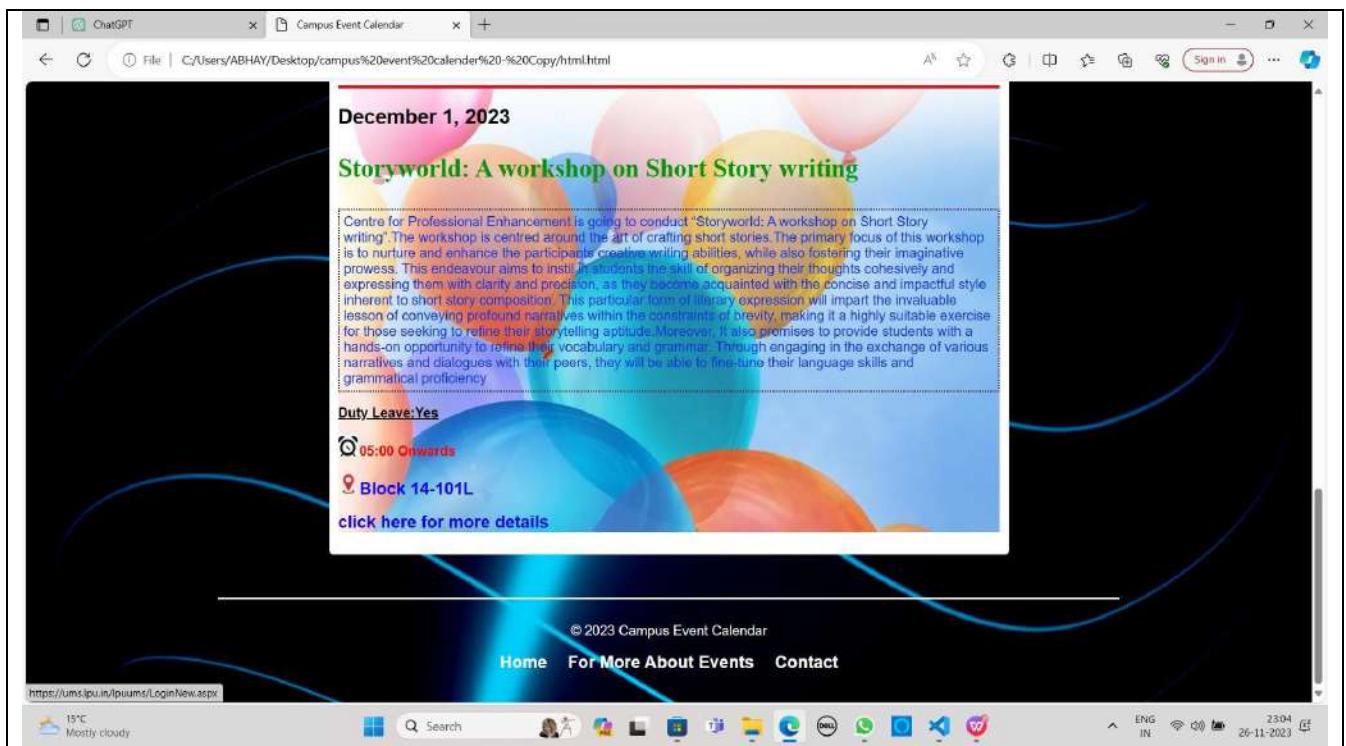


# Screenshot of More Information Element

When you click on element it will redirect you on  
**UMS(university management system)**



# Screenshot of Footer Part

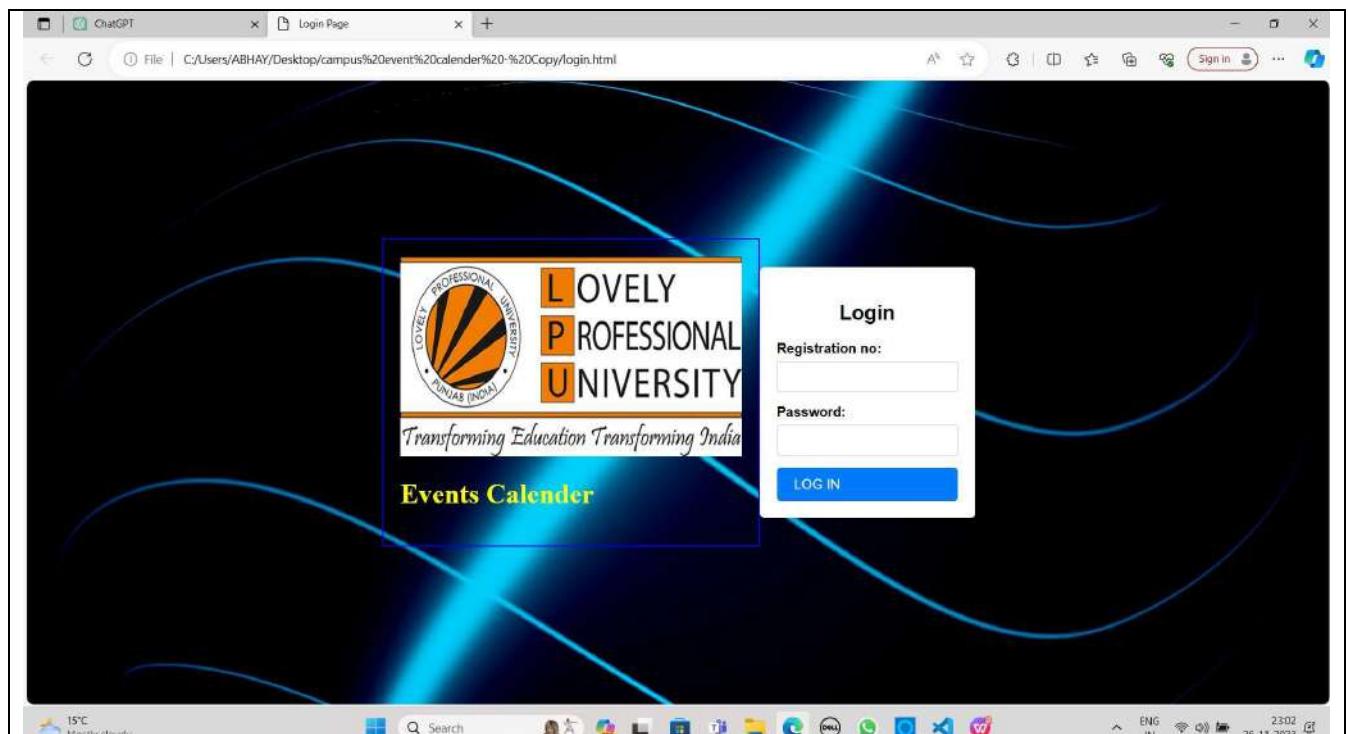


## Format of Footer

- **Copyright part**
- **Home**
- **For more about events**
- **Contact**

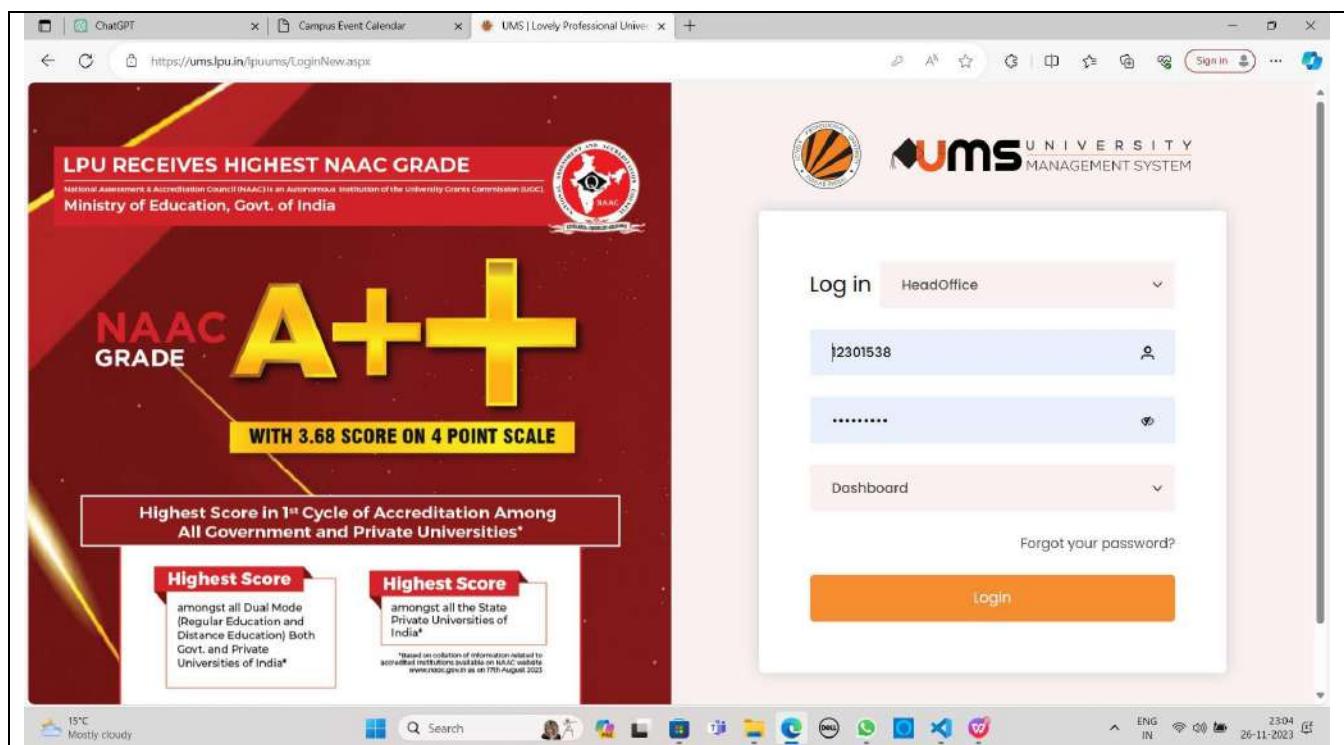
# Screenshot of Home

When you click on home button it will log out you and redirect you on login page of the website.



# Screenshot of For more about event element

When you click on for more about events element it redirect you on UMS(university management system) because all detail about every event are on ums.



# Screenshot of Contact

When you click on contact button it will redirect you on 'www.lpu.in' because for contact all detail are available on LPU official sites



# **TEAM WORK**

**Team Members:** Abhay Tomar, Harsh Kumar(me),  
Aparna Paul

**In the project, Abhay Tomar designed the website using HTML , CSSand Javascript and made a report,I made the website attractive and accurate by using CSS, and Aparna Paul has made the PowerPoint presentation and written the content.**

**I made the website look so effective and professional. And Aparna Paul has made a fabulous contribution by making a fabulous PowerPoint Presentation As Abhay Tomar stated earlier that I had design the structure and design of the webpage, after all this I had managed this project by different ways like: Ensuring the completion of the project within given date, oversees the entire project from start to end, manages risks, and resolved the issues.**

# Conclusion

**Working collaboratively on the development of the Campus Event Calendar website has been an enriching journey. As a team, we've blended our individual skills, creativity, and dedication to create a platform that offers a comprehensive view of campus activities and fosters engagement within the community.**

**Our collective effort has resulted in a user-friendly interface that provides seamless access to event details, dates, venues, and descriptions. By incorporating JavaScript, we've added dynamic elements that enhance the site's interactivity, allowing users to explore events efficiently and engage with the content effortlessly.**

**Throughout this project, we've not only built a functional calendar but also cultivated a sense of teamwork, problem-solving, and effective communication. We've navigated challenges, brainstormed innovative solutions, and iteratively improved our work, embodying the spirit of collaboration.**

**As we conclude this phase of development, we're proud of the strides we've made together. The Campus Event Calendar stands as a testament to our collective commitment to excellence. We look forward to further enhancements, incorporating feedback, and continuously refining this platform to better serve our campus community. This project has not only strengthened our technical skills but also reinforced the value of collaboration in achieving shared goals.**

# References

**To create our website, we had also taken some references like to create the structure of our website we had taken the reference of a template, for the content we had read different events calender, visited different sites, included some of our past incidents. For the content somehow, we had also used bard ai and chat gpt.**