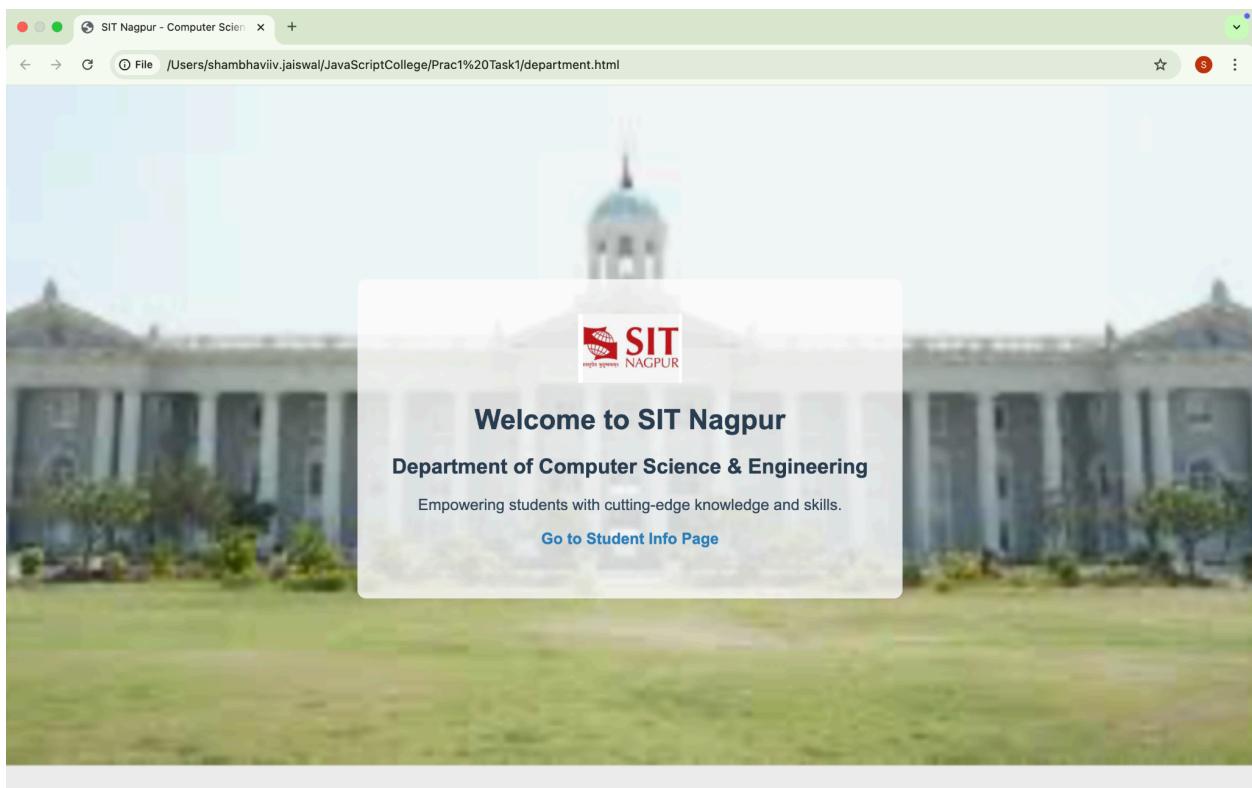


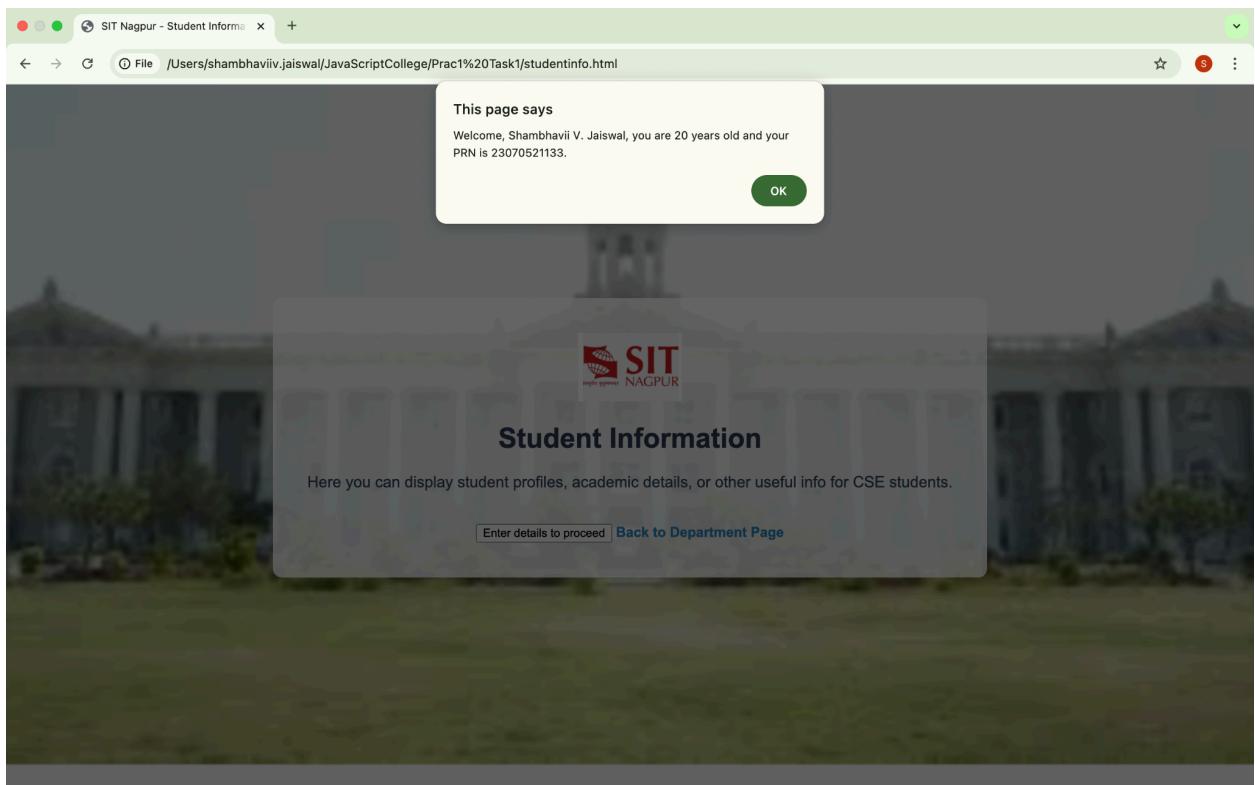
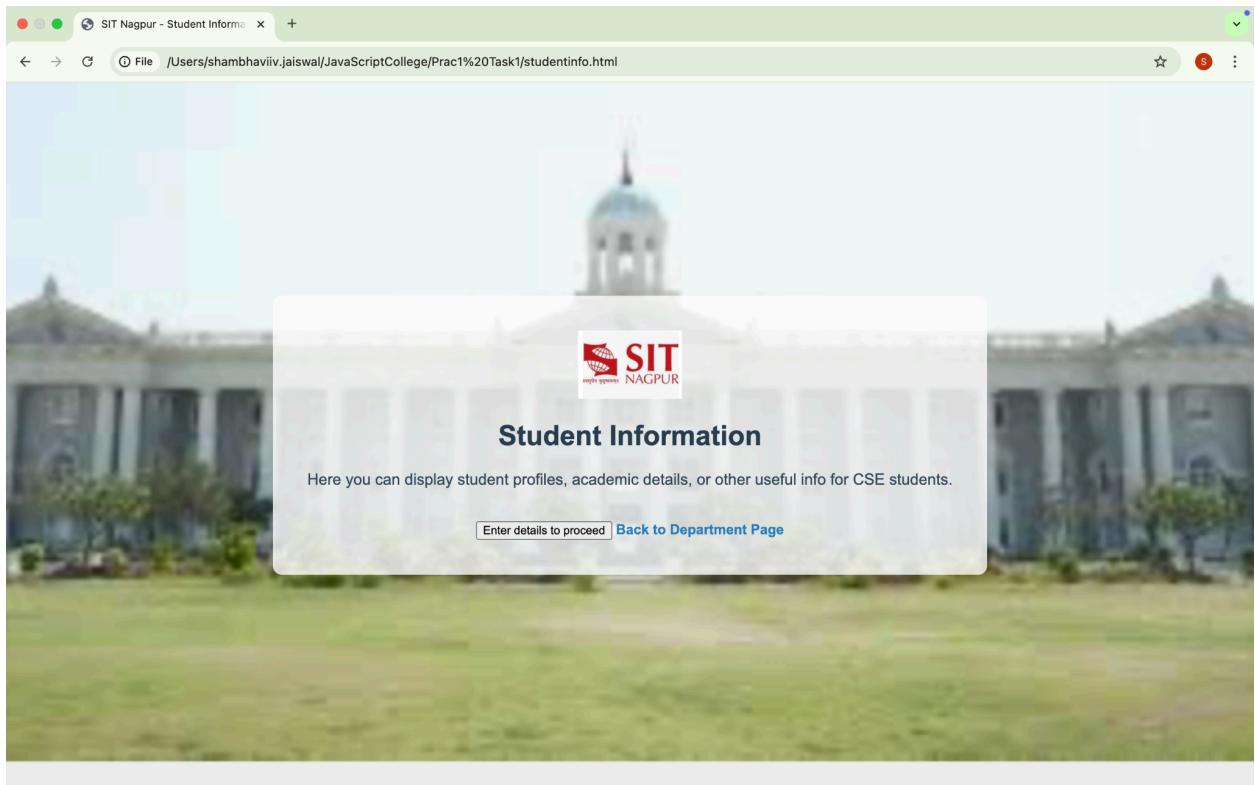
SHAMBHAVII V. JAISWAL  
PRN : 23070521133  
B2 Batch

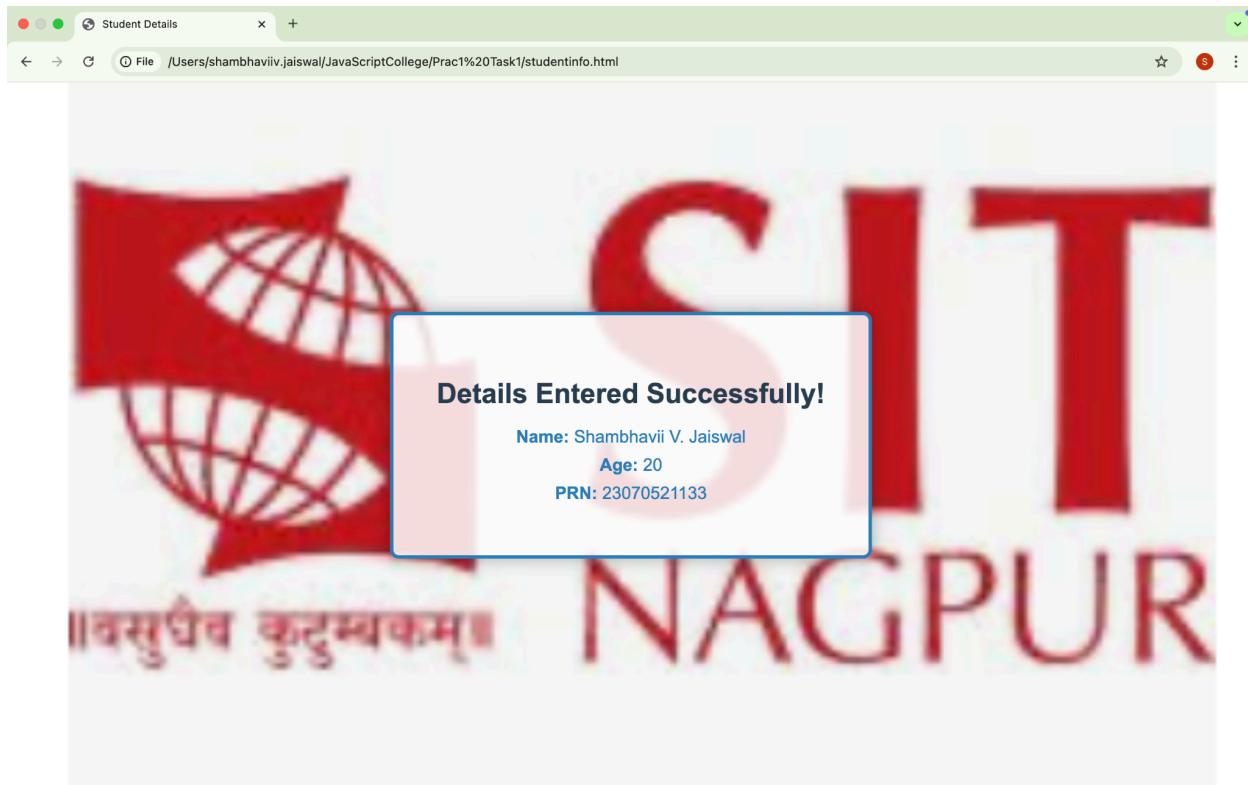
Final Problem Statement of Practical 1:

Design and develop an interactive college department webpage for the SIT Nagpur Computer Science Department that displays a welcome message using JavaScript and links to a student information page. On the student page, prompt the user for their name, display it using an alert, log it in the browser console, and dynamically update the content on the page using DOM manipulation. The solution must demonstrate the use of both internal and external JavaScript in a modular structure.

The output :







The code :

A screenshot of the Visual Studio Code (VS Code) interface. The title bar says "Prac1 Task1". The left sidebar shows a file tree with files like "department.html", "details.js", "sit-nagpur-campus.jpg", "sit-nagpur-logo.png", and "studentinfo.html". The main editor area shows the content of "department.html".

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>SIT Nagpur - Computer Science Department</title>
<style>
body {
    font-family: Arial, sans-serif;
    background-image: url('sit-nagpur-campus.jpg');
    background-size: cover;
    background-position: center;
    background-repeat: no-repeat;
    margin: 0;
    min-height: 100vh;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
}

/* Optional: semi-transparent overlay for readability */
.overlay {
    background-color: rgba(255, 255, 255, 0.8);
    padding: 40px;
    border-radius: 10px;
    text-align: center;
}

img {
    width: 120px;
    height: auto;
}

h1 {
    color: #2e3e50;
    margin-top: 20px;
}

h2 {
    color: #2c3e50;
}

p {
    color: #34495e;
}
```

The status bar at the bottom indicates "Ln 89, Col 11" and "Spaces: 2".

Screenshot of a code editor showing department.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        button {
            border-radius: 5px;
            cursor: pointer;
            margin-top: 20px;
        }

        button:hover {
            background-color: #3498db;
        }
    </style>
</head>
<body>
    <div class="overlay">
        <!-- SIT Nagpur Logo -->
        

        <h1>Welcome to SIT Nagpur</h1>
        <h2>Department of Computer Science & Engineering</h2>
        <p>Empowering students with cutting-edge knowledge and skills.</p>
        <!-- Add this below your button in index.html -->
        <p><a href="#studentinfo.html">Go to Student Info Page</a></p>
    </div>
</body>
</html>
```

Screenshot of a code editor showing details.js:

```
function enterDetails() {
    let name = prompt("Enter your name:");
    let age = prompt("Enter your age:");
    let prn = prompt("Enter your PRN:");

    alert("Welcome, " + name + ", you are " + age + " years old and your PRN is " + prn + ".");
    console.log("Name: " + name);
    console.log("Age: " + age);
    console.log("PRN: " + prn);

    document.write(`

        <!DOCTYPE html>
        <html lang="en">
        <head>
            <meta charset="UTF-8">
            <title>Student Details</title>
            <style>
                body {
                    margin: 0;
                    padding: 0;
                    background-image: url('sit-nagpur-logo.png');
                    background-size: cover;
                    background-position: center;
                    height: 100vh;
                    display: flex;
                    justify-content: center;
                    align-items: center;
                    font-family: Arial, sans-serif;
                }

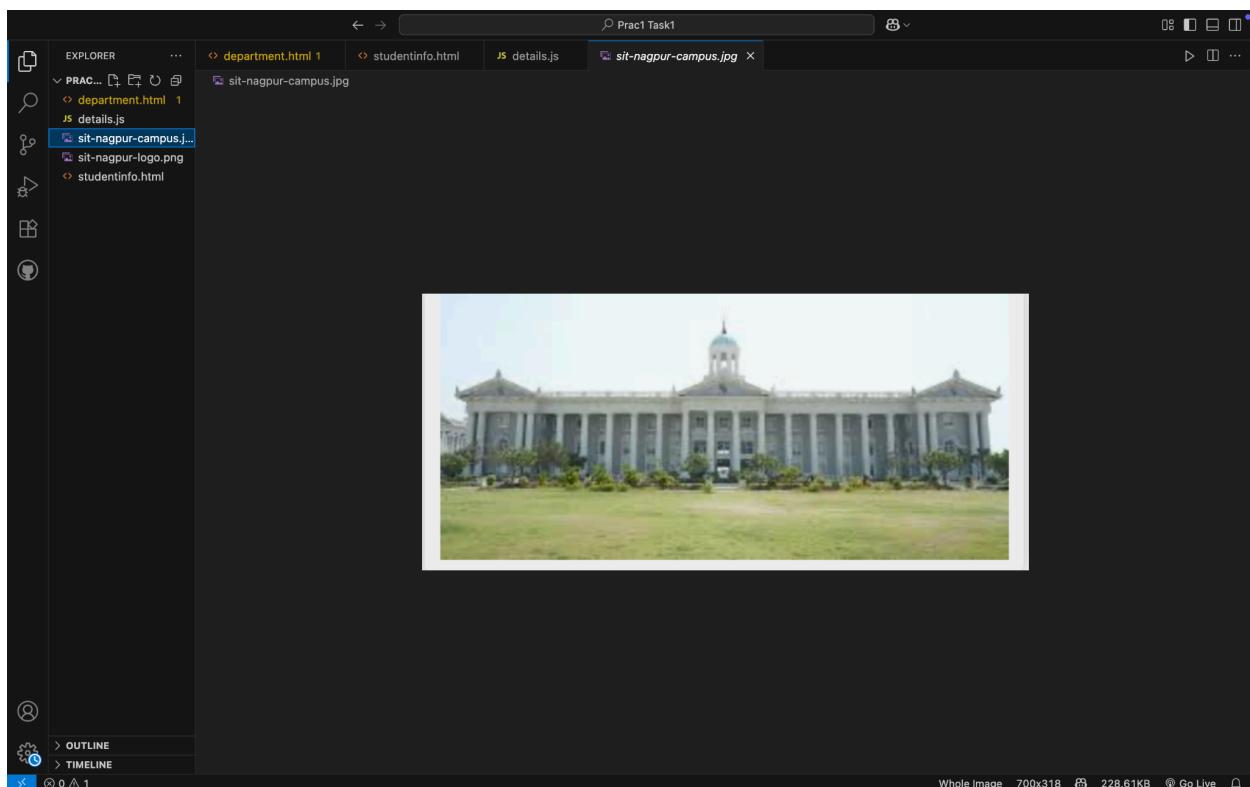
                .overlay {
                    background: rgba(255, 255, 255, 0.85);
                    padding: 50px;
                    border-radius: 10px;
                    text-align: center;
                    box-shadow: 0 0 20px rgba(0, 0, 0, 0.3);
                    border: 4px solid #2c3e50; /* Nice blue border */
                }

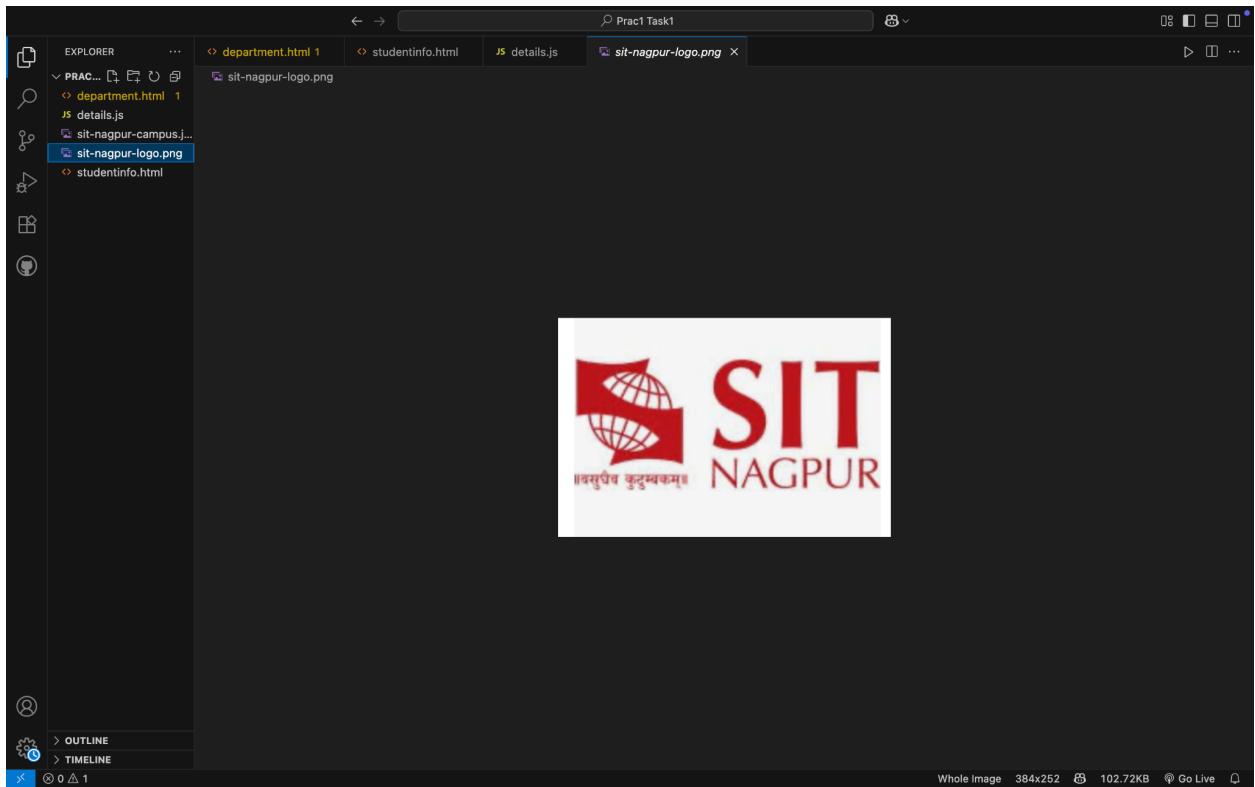
                h1 {
                    color: #2c3e50;
                    margin-bottom: 20px;
                }

                p {
                    color: #2c3e50; /* Blue text for details */
                    font-size: 20px;
                    margin: 10px 0;
                }
            </style>
        </head>
        <body>
            <div class="overlay">
                <h1>Student Details</h1>
                <p>Your details have been recorded.</p>
            </div>
        </body>
    `);
}
```

Screenshot of a code editor showing the contents of `details.js`. The code defines a function `enterDetails()` that creates an overlay on top of the page. The overlay has a background color of `rgba(255, 255, 255, 0.85)`, a padding of `50px`, and a border-radius of `10px`. It contains a centered `h1` heading and three `p` elements, each with a blue color of `#2c3e50`. The `p` elements contain placeholder text: `Entered Successfully!`, `Name: ${name}`, `Age: ${age}`, and `PRN: ${prn}`.

```
function enterDetails() {
    body {
        margin: 0;
        padding: 0;
        background-image: url('sit-nagpur-logo.png');
        background-size: cover;
        background-position: center;
        height: 100vh;
        display: flex;
        justify-content: center;
        align-items: center;
        font-family: Arial, sans-serif;
    }
    .overlay {
        background: rgba(255, 255, 255, 0.85);
        padding: 50px;
        border-radius: 10px;
        text-align: center;
        box-shadow: 0 0 20px rgba(0,0,0,0.3);
        border: 4px solid #2c3e50; /* Nice blue border */
    }
    h1 {
        color: #2c3e50;
        margin-bottom: 20px;
    }
    p {
        color: #2c3e50; /* Blue text for details */
        font-size: 20px;
        margin: 10px 0;
    }
}
</style>
</head>
<body>
    <div class="overlay">
        <h1>Details Entered Successfully!</h1>
        <p><strong>Name:</strong> ${name}</p>
        <p><strong>Age:</strong> ${age}</p>
        <p><strong>PRN:</strong> ${prn}</p>
    </div>
</body>
</html>
`;
```



A screenshot of a code editor titled "Prac1 Task1". The code editor interface includes tabs for "department.html", "studentinfo.html", "details.js", and "sit-nagpur-logo.png". The left sidebar displays the file structure of the project, with "studentinfo.html" selected. The main content area shows the HTML and CSS code for the "studentinfo.html" page. The CSS styles define a background image of the university campus, a central overlay with padding and rounded corners, and various text colors and sizes for headings and links. The status bar at the bottom shows "Ln 69, Col 1" and other standard code editor metrics.

Prac1 Task1

EXPLORER

PRAC... department.html 1 studentinfo.html details.js sit-nagpur-campus.j... sit-nagpur-logo.png studentinfo.html

```
<html lang="en">
<head>
<style>
    h1 {
        color: #34495e;
        font-size: 18px;
    }

    p {
        color: #2980b9;
        text-decoration: none;
        font-weight: bold;
        display: inline-block;
        margin-top: 20px;
    }

    a {
        color: #2980b9;
        text-decoration: underline;
    }
</style>
</head>
<body>
<div class="overlay">
    
    <h1>Student Information</h1>
    <p>Here you can display student profiles, academic details, or other useful info for CSE students.</p>
    <button onclick="enterDetails()">Enter details to proceed</button>
    <script src="details.js"></script>
    <a href="department.html">Back to Department Page</a>
</div>
</body>
</html>
```

Ln 69, Col 1 Spaces: 2 UTF-8 LF ⓘ HTML ⏎ Go Live ✎ Prettier