



Mini Project Report - 07

Master of Computer Application – General
Semester – I

Sub: Front-End Frameworks And Technologies

Topic: Student Reg Form Using DOM&EventHandlers

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LIST OF TABLES:

FIG NO	NAME OF TABLE	PG NO
1	INTRODUCTION	1
2	INPUT CODE	2-4
3	OUTPUT CODE	5-6
4	CONCLUSION	7

INTRODUCTION :

The **Student Registration Form** mini project is a simple web-based application developed using **HTML, CSS, and JavaScript**. It allows users to register student details such as ID, name, course, email, phone number, joining date, and address in an organized way. The form ensures that all fields are properly filled before submission, providing a complete and valid record. The project focuses on creating a clean and responsive design to give users a smooth registration experience. It also demonstrates how to use JavaScript for basic input validation and displaying data using alert messages.

This project is useful for beginners to understand form handling, DOM manipulation, and web page styling. It serves as a foundation for building larger student management systems in the future.

INPUT CODE :

```
<!DOCTYPE html>
<html>
<head>
  <title>Student Registration Form</title>
  <link rel="stylesheet" href="./name.css">
</head>
<body>

<h2 style="text-align:center;">Student Registration Form</h2>

<form id="studentForm">
  <label for="regid">Reg ID:</label>
  <input type="text" id="regid" required>

  <label for="sname">Name:</label>
  <input type="text" id="sname" required>

  <label for="scourse">Course:</label>
  <input type="text" id="scourse" required>

  <label for="smail">Email:</label>
  <input type="email" id="smail" required>

  <label for="sphone">Phone:</label>
  <input type="tel" id="sphone" required>

  <label for="sdoj">Date of Joining:</label>
  <input type="date" id="sdoj" required>

  <label for="saddress">Address:</label>
  <textarea id="saddress" rows="3" required></textarea>

  <button type="button" onclick="registerStudent()">Register</button>
</form>

<script>
function registerStudent() {
  let regid = document.getElementById("regid").value;
  let name = document.getElementById("sname").value;
  let course = document.getElementById("scourse").value;
```

```

let email = document.getElementById("smail").value;
let phone = document.getElementById("sphone").value;
let doj = document.getElementById("sdoj").value;
let address = document.getElementById("saddress").value;

if (regid && name && course && email && phone && doj && address) {
    alert("Registration Successful!\n\n" +
        "Reg ID: " + regid + "\n" +
        "Name: " + name + "\n" +
        "Course: " + course + "\n" +
        "Email: " + email + "\n" +
        "Phone: " + phone + "\n" +
        "Date of Joining: " + doj + "\n" +
        "Address: " + address);
} else {
    alert("Please fill out all fields.");
}
}
</script>

```

```

</body>
</html>

```

// CSS

```

body {
    font-family: Arial, sans-serif;
    background-color: #f2f2f2;
    padding: 20px;
}
form {
    background-color: white;
    padding: 20px;
    width: 350px;
    border-radius: 10px;
    box-shadow: 0 0 8px rgba(0,0,0,0.2);
    margin: auto;
}
label {
    display: block;
    margin-top: 10px;
    font-weight: bold;
}

```

```
input, textarea {  
    width: 100%;  
    padding: 8px;  
    margin-top: 4px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
}  
button {  
    margin-top: 15px;  
    width: 100%;  
    padding: 10px;  
    background-color: #4CAF50;  
    border: none;  
    color: white;  
    font-size: 16px;  
    border-radius: 5px;  
    cursor: pointer;  
}  
button:hover {  
    background-color: #45a049;  
}
```

OUTPUT:

Student Registration Form

Reg ID:

8545868

Name:

suhas

Course:

mca

Email:

suhas@gmail.com

Phone:

9797645648

Date of Joining:

02/10/2025

Address:

banglore

Register

This page says

Registration Successful!

Reg ID: 8545868
Name: suhas
Course: mca
Email: suhas@gmail.com
Phone: 9797645648
Date of Joining: 2025-10-02
Address: banglore

OK

Course:

mca

Email:

suhas@gmail.com

Phone:

9797645648

Date of Joining:

02 / 10 / 2025

Address:

banglore

Register

CONCLUSION:

In conclusion, the **Student Registration Form** project helps learners gain hands-on experience in developing interactive web pages. It shows how front-end technologies work together to collect and validate user input. The project successfully combines design and functionality to create a practical and educational tool. Through this task, students learn to use HTML elements, CSS properties, and JavaScript events effectively. It also improves problem-solving and logical thinking skills while coding. Overall, this mini project is a great starting point for anyone interested in front-end web development and helps build confidence in creating real-world applications.