



**ALLIANCE**  
**UNIVERSITY**

**NAAC**  
**GRADE A+**  
ACCREDITED UNIVERSITY

**Mini Project Report - 07**

Master of Computer Application – General

Semester – I

**Sub: FRONT\_END FRAMEWORKS & TECHNOLOGIES**

**Topic: Student Reg Form Using DOM&EventHandlers**

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## INTRODUCTION

The *Student Form using DOM* project demonstrates the practical application of JavaScript in managing and manipulating HTML elements dynamically through the Document Object Model (DOM). This project allows users to enter student details such as registration number, name, course, email, phone number, joining date, and address. When the form is submitted, the data is displayed neatly on the same page without reloading it. This helps in understanding how event handling and DOM manipulation can be used to create interactive web applications. The project emphasizes clean structure, responsive design, and the importance of linking HTML, CSS, and JavaScript effectively for user interaction.

## INPUT CODE

```
<html>
<head>
  <title>Student Form using DOM</title>
  <style>
    form {
      display: grid;
      gap: 10px;
      max-width: 400px;
      margin-bottom: 20px;
    }
    input, button {
      padding: 8px;
      font-size: 14px;
    }
    #output {
      background-color: #f8f8f8;
      border: 1px solid #ccc;
      padding: 15px;
      max-width: 400px;
      border-radius: 8px;
    }
    h2 {
      color: #333;
    }
  </style>
</head>
<body>
  <h1>Student Form</h1>
  <form>
    <label>Reg. No</label>
```

```
<input id="Reg" type="number" placeholder="Enter Reg No">
```

```
<label>Student Name</label>
```

```
<input id="Name" type="text" placeholder="Enter Name">
```

```
<label>Student Course</label>
```

```
<input id="course" type="text" placeholder="Enter Course">
```

```
<label>Student Mail</label>
```

```
<input id="mail" type="text" placeholder="Enter Mail ID">
```

```
<label>Student Ph.Number</label>
```

```
<input id="num" type="number" placeholder="Enter Phone Number">
```

```
<label>Student Joining</label>
```

```
<input id="join" type="date">
```

```
<label>Student Address</label>
```

```
<input id="address" type="text" placeholder="Enter Address">
```

```
<button id="btn" type="submit" >Submit</button>
```

```
</form>
```

```
<div id="output"></div>
```

```
<script>
```

```
const Reg = document.getElementById("Reg");
```

```
const Name = document.getElementById("Name");
```

```
const course = document.getElementById("course");
```

```
const mail = document.getElementById("mail");
```

```
const num = document.getElementById("num");
```

```
const join = document.getElementById("join");
```

```

const address = document.getElementById("address");
const form = document.querySelector("form");
const output = document.getElementById("output");

form.addEventListener("submit", function(event) {
    event.preventDefault();

    output.innerHTML = `
        <h2>Submitted Details</h2>
        <p><b>Reg No:</b> ${Reg.value}</p>
        <p><b>Name:</b> ${Name.value}</p>
        <p><b>Course:</b> ${course.value}</p>
        <p><b>Mail ID:</b> ${mail.value}</p>
        <p><b>Phone Number:</b> ${num.value}</p>
        <p><b>Date of Joining:</b> ${join.value}</p>
        <p><b>Address:</b> ${address.value}</p>
    `;

});
</script>
</body>
</html>

```

## OUTPUT CODE

---

### Student Form

Reg. No

041

Student Name

RAMA

Student Course

M.TECH

Student Mail

RAMA@GMAIL.COM

Student Ph.Number

7676596639

Student Joining

21 - 08 - 2004



Student Address

BANGALORE

Submit

## **Submitted Details**

**Reg No:** 041

**Name:** RAMA

**Course:** M.TECH

**Mail ID:** RAMA@GMAIL.COM

**Phone Number:** 7676596639

**Date of Joining:** 2004-08-21

**Address:** BANGALORE



## CONCLUSION

The *Student Form using DOM* project successfully demonstrates how client-side scripting enhances user interaction in web applications. By using JavaScript's DOM methods, the project enables efficient data handling and real-time display of user inputs. This hands-on implementation helps in understanding how form validation and event handling work together to create a smooth user experience. Overall, the project strengthens the understanding of dynamic webpage creation and showcases how even simple DOM-based interactions can improve the usability and functionality of a website.