



Department of Computer Technology

Vision of the Department

To be a well-known centre for pursuing computer education through innovative pedagogy, value-based education and industry collaboration.

Mission of the Department

To establish learning ambience for ushering in computer engineering professionals in core and multidisciplinary area by developing Problem-solving skills through emerging technologies.

Session 2025-2026

Vision: Dream of where you want.	Mission: Means to achieve Vision
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Program Educational Objectives of the program (PEO): (broad statements that describe the professional and career accomplishments)

PEO1	Preparation	P: Preparation	Pep-CL abbreviation pronounce as Pep-si-IL easy to recall
PEO2	Core Competence	E: Environment (Learning Environment)	
PEO3	Breadth	P: Professionalism	
PEO4	Professionalism	C: Core Competence	
PEO5	Learning Environment	L: Breadth (Learning in diverse areas)	

Program Outcomes (PO): (statements that describe what a student should be able to do and know by the end of a program)

Keywords of POs:

Engineering knowledge, Problem analysis, Design/development of solutions, Conduct Investigations of Complex Problems, Engineering Tool Usage, The Engineer and The World, Ethics, Individual and Collaborative Team work, Communication, Project Management and Finance, Life-Long Learning

PSO Keywords: Cutting edge technologies, Research

“I am an engineer, and I know how to apply engineering knowledge to investigate, analyse and design solutions to complex problems using tools for entire world following all ethics in a collaborative way with proper management skills throughout my life.” to contribute to the development of cutting-edge technologies and Research.

Integrity: I will adhere to the Laboratory Code of Conduct and ethics in its entirety.

Name and Signature of Student and Date

(Signature and Date in Handwritten)

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Session	2025-26 (ODD)	Course Name	Web Technology Lab
Semester	3	Course Code	23CT1301
Roll No	B-173	Name of Student	Vedant H. Kapgate

Practical Number	2
Course Outcome	<ol style="list-style-type: none"> 1. Understand various internet technologies. 2. Design the web pages using HTML and CSS. 3. Implement the XML technology to store the data. 4. Develop the interactive web pages using JavaScript.
Aim	To design and implement a web form using HTML5 form tags.
Problem Definition	Design a simple and interactive form using HTML5 elements like <input>, <select>, and <textarea> to gather user data efficiently.
Theory (100 words)	<p>HTML5 introduced enhanced features for creating web forms that are more user-friendly and interactive. A web form is used to collect information from users, such as their name, email, choices, and messages. The form element acts as a container, while other elements like input, label, textarea, select, option, and button help structure the form. These tags allow for different input types, such as text fields, radio buttons, check boxes, dropdown menus, and more. Using these elements properly ensures that data is gathered efficiently and in an accessible manner. This guide explains the structure and logic needed to create a simple and effective HTML form.</p>
Procedure and Execution (100 Words)	<p>Step for Implementation:</p> <ol style="list-style-type: none"> 1. Create the HTML structure using <html>, <head>, and <body>. 2. Set the form title using the <title> and heading with <h2>. 3. Start the form using <form> with the action attribute. 4. Use <fieldset> and <legend> to group personal details. 5. Add <input> fields for First Name, Last Name, Email, and Branch. 6. Use radio buttons for selecting Gender. 7. Add a <select multiple> list for choosing competitions. 8. Include a Confirm button with onclick="alert(...)" for competition confirmation. 9. Use <input list> with <datalist> for role selection. 10. Add a <textarea> to display rules and regulations. 11. Finish the form with an <input type="submit"> button.



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Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Form</title>
</head>
<body>
  <h2><u>Registration form for Compufest 2k25</u></h2>
  <form action="/action_page.php">
    <fieldset>
      <legend>Personal Details</legend>
      <label for="fname">First Name:</label>
      <input type="text" id="fname" name="fname"><br><br>

      <label for="lname">Last Name:</label>
      <input type="text" id="lname" name="lname"><br><br>

      <label for="e">Email:</label>
      <input type="text" id="e" name="e"><br><br>

      <label for="branch">Branch:</label>
      <input type="text" id="branch" name="branch"><br><br>

      <label for="g">Gender:</label>
      <label>
        <input type="radio" name="gender" value="male"> Male
      </label>
      <label>
        <input type="radio" name="gender" value="female"> Female
      </label>
    </fieldset>
    <br>

    <label for="comp">Choose Competition in which you want to
    participate:</label><br>
    <select id="comp" name="comp" multiple>
      <option value="s1">Hackathon</option>
      <option value="s2">BGMI</option>
      <option value="s3">Dance</option>
      <option value="s4">Poster Making</option>
    </select><br><br>
```



Nagar Yuwak Shikshan Sanstha's

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```
<button type="button" onclick="alert('Successfully
selected.')">Confirm!</button><br><br>
<hr>
<p>If you are interested in any role, select below:</p>
<input list="pos" name="posi">
<datalist id="pos">
  <option value="Database">
  <option value="Technical">
  <option value="Decoration">
  <option value="EMHM">
</datalist>
<button type="button" onclick="alert('Successfully
enrolled.')">Confirm!</button><br><br>
<hr>
<p>Rules and Regulations for Competition:</p>
<textarea name="message" rows="5" cols="30">
1. All students have to report sharply at 10 AM.
2. Carry all the necessary equipment.
3. Maintain discipline.
</textarea><br><br>

<input type="submit">
</form>
</body>
</html>
```

Output:



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	<div><div>Registration Form</div><div>C:/Users/Vedant%20Kapgate/Desktop/1.html</div><div><h3>Registration form for Compufest 2k25</h3><div><div>Personal Details</div><div><div>First Name:</div><div></div></div><div><div>Last Name:</div><div></div></div><div><div>Email:</div><div></div></div><div><div>Branch:</div><div></div></div><div><div>Gender:</div><div><input type="radio"/> Male <input type="radio"/> Female</div></div></div><div><div>Choose Competition in which you want to participate:</div><div><div>Hackathon</div><div>BGMI</div><div>Dance</div><div>Poster Making</div></div><div><div>Confirm!</div></div></div><div><div>If you are interested in any role, select below:</div><div><div></div><div>Confirm!</div></div></div><div><div>Rules and Regulations for Competition:</div><div><div>1. All students have to report sharply at 10 AM.</div><div>2. Carry all the necessary equipment.</div><div>3. Maintain discipline.</div></div><div><div>Submit</div></div></div></div></div>
Output Analysis	<p>The form is well-structured with proper use of and labels for personal details like name, email, branch, and gender. A multi-select dropdown allows users to choose competitions. Datalist input helps select roles with suggestions. The rules are displayed in a scrollable textarea. Two alert buttons confirm user selections. The form ends with a submit button. Overall, the layout is clean, inputs are functional, and the design is simple..</p>



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Link of student Github profile where lab assignment has been uploaded	https://github.com/vedant0517/Web-Technology-SEC-B-173
Conclusion	This form makes it easy for students to register for Compufest 2k25. It collects all the needed information in a simple and clear way. Creating this form helped me learn how to use basic HTML Form for real-life use.
Plag Report (Similarity index < 12%)	<div><div><div>ResultCitationWord Statistics</div><div>HTML5 introduced enhanced features for creating web forms that are more user-friendly and interactive. A web form is used to collect information from users, such as their name, email, choices, and messages. The form element acts as a container, while other elements like input, label, textarea, select, option, and button help structure the form. These tags allow for different input types, such as text fields, radio buttons, check boxes, dropdown menus, and more. Using these elements properly ensures that data is gathered efficiently and in an accessible manner. This guide explains the structure and logic needed to create a simple and effective HTML form. The form is well-structured with proper use of and labels for personal details like name, email, branch, and gender. A multi-select dropdown allows users to choose competitions. Datalist input helps select roles with suggestions. The rules are displayed in a scrollable textarea. Two alert buttons confirm user selections. The form ends with a submit button. Overall, the layout is clean, inputs are functional, and the design is simple. This form makes it easy for students to register for Compufest 2k25. It collects all the needed information in a simple and clear way. Creating this form helped me learn how to use basic HTML Form for real-life use.</div></div><div><div>9%Plagiarism0%Exact Match9%Partial Match91%Unique</div><div>Remove PlagiarismDownload Report</div><div>Source(s) 1 matches from 1 Source(s) < 1/1 ></div><div>1. These tags allow for different input types, such as text fields, radio buttons, check boxes, dropdown menus, and more. (9%) https://www.almbetter.com/bytes/tutorials/html/html5-form ExcludeCite Source</div></div></div>
Date	05/08/2025