



### 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

<b>Vision:</b> Dream of where you want.	<b>Mission:</b> 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	<b>Preparation</b>	<b>P: Preparation</b>	<b>Pep-CL abbreviation pronounce as Pep-si-IL easy to recall</b>
PEO2	<b>Core Competence</b>	<b>E: Environment (Learning Environment)</b>	
PEO3	<b>Breadth</b>	<b>P: Professionalism</b>	
PEO4	<b>Professionalism</b>	<b>C: Core Competence</b>	
PEO5	<b>Learning Environment</b>	<b>L: Breadth (Learning in diverse areas)</b>	

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

<b>Practical Number</b>	<b>1B</b>
<b>Course Outcome</b>	<ol style="list-style-type: none"> <li>1. Understand various internet technologies.</li> <li>2. Design the web pages using HTML and CSS.</li> <li>3. Implement the XML technology to store the data.</li> <li>4. Develop the interactive web pages using JavaScript.</li> </ol>
<b>Aim</b>	Study HTML5 architecture and to implement basic HTML5 Tags.
<b>Problem Definition</b>	To study HTML5 architecture and implement basic HTML5 tags for creating a structured and user-friendly web page.
<b>Theory (100 words)</b>	HTML5 is the latest version of HTML, which we use to create and structure web pages. It includes new tags like <header>, <footer>, and <section> that help organize content better. One great thing about HTML5 is that it supports videos, audio, and even drawings without needing extra plugins. It also improves form elements and works well on both computers and mobile devices. In our practical, I learned how to use basic HTML5 tags to design a simple webpage. It was interesting to see how much can be done just using these standard tags and simple structure.
<b>Procedure and Execution (100 Words)</b>	<b>Step for Implementation:</b> <ol style="list-style-type: none"> <li>1. Start with &lt;!DOCTYPE html&gt;.</li> <li>2. Open &lt;html&gt; and &lt;head&gt;; add a &lt;title&gt;.</li> <li>3. Open &lt;body&gt; to begin visible content.</li> <li>4. Add headings using &lt;h1&gt;, &lt;h2&gt;, &lt;h3&gt;.</li> <li>5. Insert paragraphs with &lt;p&gt;, using bold and italic tags.</li> <li>6. Add a hyperlink using &lt;a&gt;.</li> <li>7. Create an ordered list with &lt;ol&gt; and &lt;li&gt;.</li> <li>8. Insert an image using &lt;img&gt;.</li> <li>9. Close all tags properly.</li> <li>10. Save the file with .html extension and open in a browser.</li> </ol>
	<b>Code:</b> <pre>&lt;!DOCTYPE html&gt; &lt;html&gt;   &lt;head&gt;     &lt;title&gt;Practical 1&lt;/title&gt;   &lt;/head&gt;   &lt;body&gt;     &lt;h1&gt;&lt;u&gt;Web Technology&lt;/u&gt;&lt;/h1&gt;     &lt;h2&gt;Study HTML.5 architecture &amp; to implement basic HTML.5 tags&lt;/h2&gt;</pre>



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	<pre>&lt;h3&gt;SMTP stands for simple mail transfer protocol&lt;/h3&gt; &lt;p&gt;&lt;b&gt;Welcome to YCCE!!&lt;/b&gt;&lt;/p&gt; &lt;p&gt;&lt;i&gt;Hello! My name is Vedant.I am studying in YCCE.Branch Computer technology&lt;/i&gt;&lt;/p&gt; &lt;p&gt;In this HTML tutorial, we will find more than 200 examples.&lt;/p&gt; &lt;p style="color:DodgerBlue;"&gt;that is blue colour&lt;/p&gt; &lt;p style="color:MediumSeaGreen;"&gt;this is practice no.1&lt;/p&gt; &lt;a href="https://www.google.com/"&gt;Google&lt;/a&gt; &lt;p&gt;&lt;b&gt;Car Brands&lt;/b&gt;&lt;/p&gt; &lt;ol&gt; &lt;li&gt;Porsche&lt;/li&gt; &lt;li&gt;BMW&lt;/li&gt; &lt;li&gt;Audi&lt;/li&gt; &lt;/ol&gt; &lt;img src="C:\Users\student\Downloads\g.jpeg" style="width:128px;height:128px;"&gt;&lt;/img&gt; &lt;/body&gt; &lt;/html&gt;</pre>
	<p>Output:</p>
Output Analysis	<p>The output displays a well-structured web page with headings, formatted text, and color-styled paragraphs. It includes a clickable hyperlink to Google, an ordered list of car brands, and an image. The use of basic HTML5 tags like &lt;h1&gt;, &lt;p&gt;, &lt;a&gt;, &lt;ol&gt;, and &lt;img&gt; is correctly implemented. The styling demonstrates inline CSS usage, and the page content reflects personal and practical-related</p>



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	information. Overall, the web page is visually clean and shows proper understanding of basic HTML5 structure and formatting.
Link of student Github profile where lab assignment has been uploaded	<b><a href="https://github.com/vedant0517/Web-Technology-SEC-B-173">https://github.com/vedant0517/Web-Technology-SEC-B-173</a></b>
Conclusion	The practical helped me understand the structure of HTML5 and how to use basic tags to create a simple web page. I learned how to format content, add links, lists, and images effectively.
Plag Report (Similarity index < 12%)	<div><div><div>Result</div><div>Word Statistics</div></div><div>HTML5 is the latest version of HTML, which we use to create and structure web pages. It includes new tags like , , and that help organize content better. One great thing about HTML5 is that it supports videos, audio, and even drawings without needing extra plugins. It also improves form elements and works well on both computers and mobile devices. In our practical, I learned how to use basic HTML5 tags to design a simple webpage. It</div></div> <div><div>0% Plagiarism</div><div>Exact Match 0% Partial Match 0%</div><div>100% Unique</div><div>Download Report</div></div>
Date	29/07/2025