A REPORT ON HTML WORKSHOP

A HTML workshop was designed at MRCET exclusively for the FIRST YEAR B.Tech students to introduce them to the foundational concepts of web development using HTML (HyperText Markup Language). Tailored for beginners, the session offered a hands-on learning experience that focused on understanding how websites are structured and how content is organized and displayed on the web.

The workshop was organised for all the sections of CSE, AIML, EEE, ECE, Aero and Mechanical (on different dates and in different venues) from 7th of April, 2025 to 24th of April 2025.

Department	Workshop Dates
CSE-A,B,C,D.E	April 7,8,9
CSE-F,G	April 10,11&12
AIML A,B,C,D,E	April 10,11&12
ECE A, B	April 10,11&12
EEE	April 15,24&25
Mechanical &Aeronautical	April 15, 24&25

Objectives

- To familiarize participants with the basic structure and syntax of HTML.
- To teach the use of common HTML tags for formatting and layout.
- To demonstrate how web pages are built from HTML code.
- To provide a foundation for further learning in CSS and JavaScript.

Topics Covered

- Introduction to HTML and its role in web development
- The structure of an HTML document (`<!DOCTYPE html>`, `<html>`, `<head>`, `<body>`)
- Text formatting tags (`<h1>`—`<h6>`, `<p>`, `<strong>`, `<em>`)
- Creating links with `<a>` and inserting images using `<img>`
- Lists (`<ul>`, `<ol>`, `<li>`) and tables (`<table>`, `<tr>`, `<td>`)
- Forms and input elements (`<form>`, `<input>`, `<textarea>`, `<button>`)
- Introduction to semantic HTML and best practices

Hands-On Activities

Participants engaged in practical exercises such as:

- Creating a personal profile webpage using HTML
- Embedding images and hyperlinks
- Structuring content using sections, lists, and headings
- Writing code in a live environment and viewing real-time changes in the browser
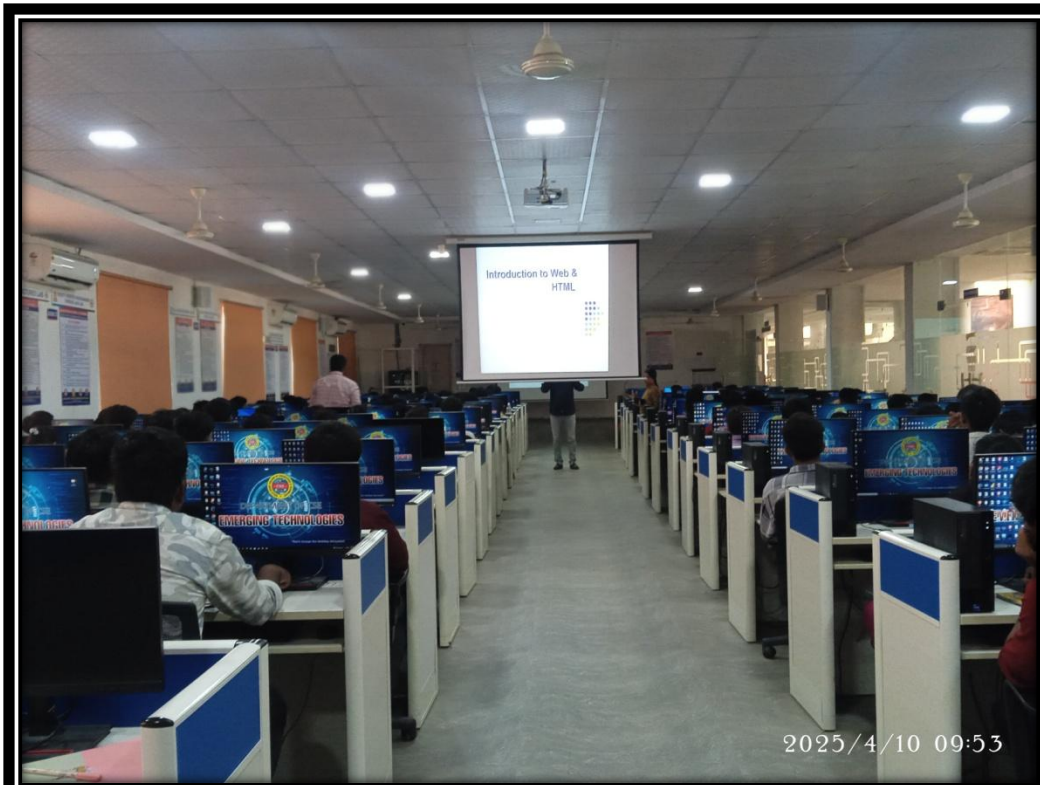
Outcomes

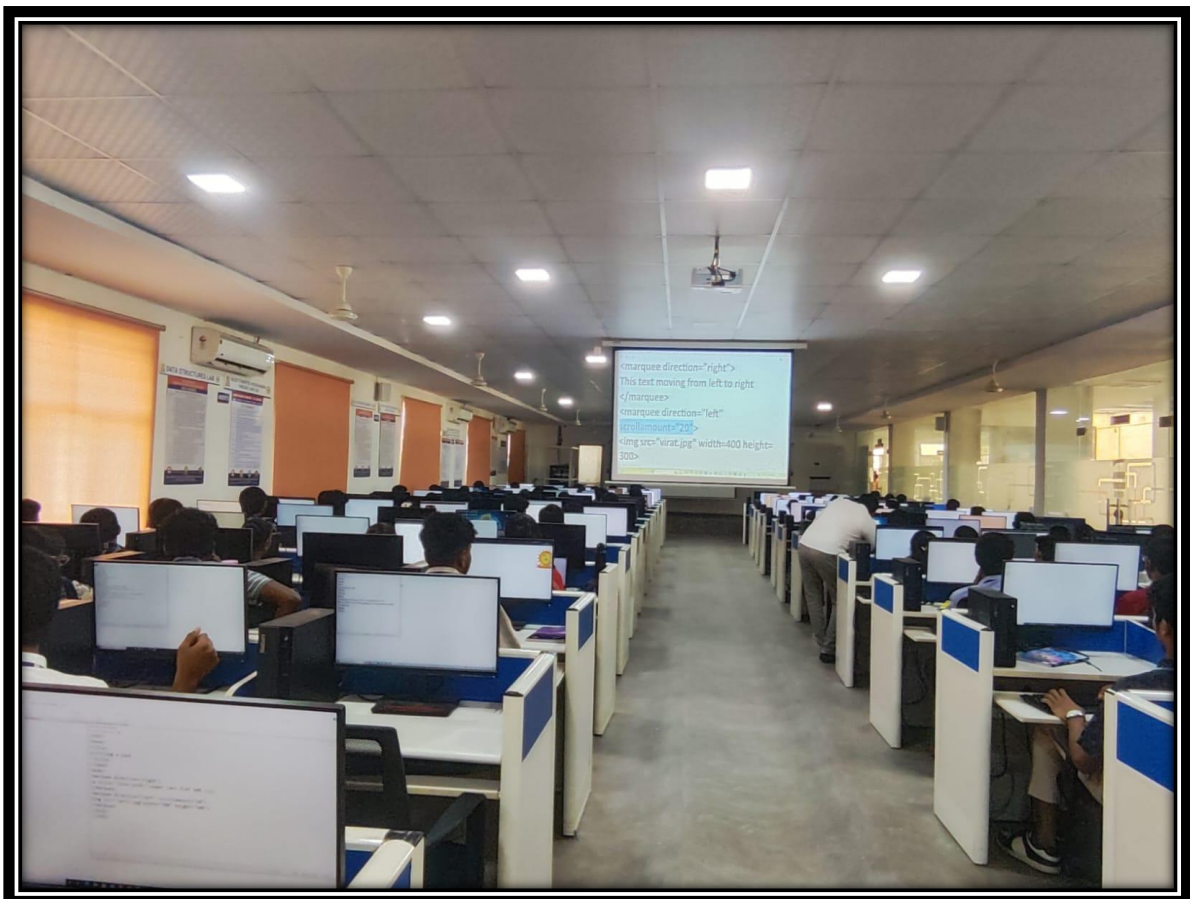By the end of the session, participants were able to:

- Write and understand basic HTML code
- Structure a simple webpage from scratch
- Recognize the purpose and usage of different HTML tags
- Gain confidence to explore more advanced web development tools

The workshop received great positive feedback from participants, who valued the engaging, hands-on approach and the clarity of the instruction provided. A number of students indicated strong interest in pursuing further learning opportunities, specifically in CSS and JavaScript, to expand upon the foundational HTML skills acquired during the session.

Conclusion

The HTML workshop effectively equipped participants with a solid foundation in the core principles of web development. Emphasizing hands-on practice and real-world application, the session served as an ideal starting point for beginners to step confidently into the world of coding. Building on this momentum, upcoming workshops will explore advanced topics such as web styling with CSS and dynamic interactivity using JavaScript.

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CSE & AIML students are seen in the photo here