LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(AUTONOMOUS)
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

REPORT ON GUEST LECTURE SERIES ON FULL STACK TECHNOLOGIES

Programme Type: Online Guest Lecture Series

Dates: 16-10-2026 to 19-10-2026

Resource Person: Mr. M. Hari Krishna, Sr. Software Engineer, Zemosa Technolgies

Name of Convener: Dr. P. Bhagath, Professor & HOD, Dept. of AI & DS

Venue: Online Through Microsoft Teams

Target Audience: IV Year B.Tech. CRT Registered Students

No of Participants: 114

1. Introduction

The Department of Artificial Intelligence and Data Science organized an Online Guest Lecture Series on Full Stack Technologies from 16-10-2026 to 19-10-2026. The programme was conducted by Mr. M. Hari Krishna, Senior Software Engineer, Zemosa Technologies, with the objective of providing students with practical knowledge and industry-oriented exposure to modern web development technologies.

The four-day lecture series focused on the fundamental concepts and practical applications of HTML, CSS, JavaScript, and jQuery. The sessions were designed to strengthen students' understanding of front-end web development and familiarize them with the technologies widely used in developing interactive and responsive web applications.

Objectives of the Programme

The major objectives of the guest lecture series were:

1. To introduce students to the fundamentals of full stack web development.
2. To develop a strong understanding of HTML for structuring web pages.
3. To familiarize students with CSS for designing attractive and responsive web interfaces.
4. To provide practical exposure to JavaScript for implementing dynamic and interactive web applications.
5. To introduce jQuery and its applications in simplifying JavaScript programming.

6. To bridge the gap between theoretical knowledge and industry-oriented web development practices.
7. To encourage students to develop practical web applications using modern front-end technologies.

Topics Covered During the Guest Lecture Series

The four-day programme covered the following major technologies:

Day 1: HTML – HyperText Markup Language

The first session introduced students to the fundamentals of HTML and its role in developing web pages. The resource person explained the basic structure of an HTML document, different HTML elements and tags, headings, paragraphs, hyperlinks, images, lists, tables, and forms. The session also covered semantic HTML elements and their importance in creating well-structured web pages.

Day 2: CSS – Cascading Style Sheets

The second day focused on CSS and its importance in designing visually appealing web interfaces. Students were introduced to different types of CSS, including inline, internal, and external stylesheets. The resource person explained selectors, properties, colors, backgrounds, margins, padding, borders, positioning, and the CSS box model. The session also highlighted responsive web design concepts and the importance of creating user-friendly interfaces across different devices.

Day 3: JavaScript

The third day was dedicated to JavaScript, a widely used programming language for developing dynamic and interactive web applications. The resource person explained JavaScript fundamentals, variables, data types, operators, conditional statements, loops, functions, arrays, and objects. The session also covered DOM manipulation and event handling, demonstrating how JavaScript can be used to dynamically modify webpage content and respond to user interactions.

Day 4: jQuery

The final day focused on jQuery, a JavaScript library that simplifies client-side web development. Students learned about jQuery syntax, selectors, event handling, DOM manipulation, and the use of effects and animations. The resource person demonstrated how jQuery can simplify common JavaScript operations and improve the development of interactive web interfaces.

Learning Outcomes

At the end of the guest lecture series, students were able to:

- Understand the fundamentals of front-end web development.
- Design structured web pages using HTML elements and semantic tags.

- Apply CSS styling techniques to develop attractive and responsive web interfaces.
- Implement client-side programming using JavaScript.
- Perform DOM manipulation and event handling to create interactive web applications.
- Use jQuery selectors, events, and effects to simplify web development.
- Understand the practical applications of front-end technologies in real-world software development.

Impact of the Programme

The four-day online guest lecture series provided students with valuable industry-oriented exposure to essential front-end development technologies. The practical explanations and demonstrations by the resource person helped students understand how HTML, CSS, JavaScript, and jQuery work together in developing interactive web applications.

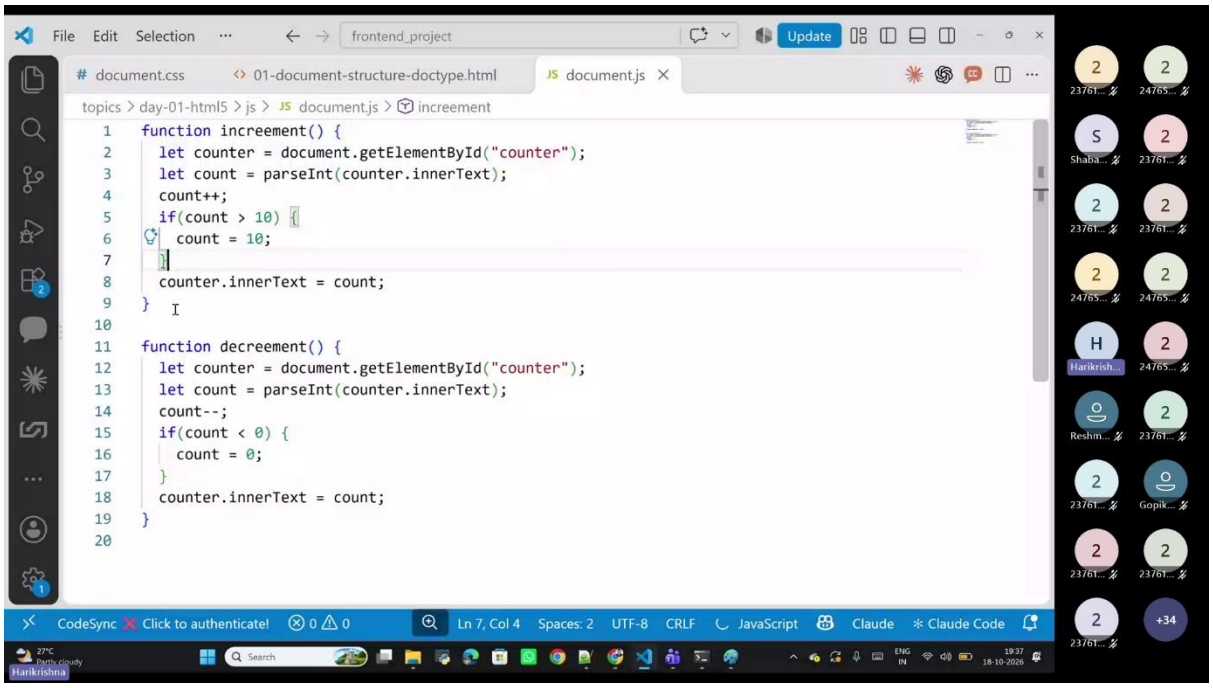
The programme enhanced students' technical understanding, strengthened their front-end development skills, and motivated them to explore full stack development further. The interaction with an industry professional also provided insights into the technologies and skills expected in the software development industry.

Conclusion

The Online Guest Lecture Series on Full Stack Technologies was successfully conducted from 16-10-2026 to 19-10-2026. The sessions delivered by Mr. M. Hari Krishna, Senior Software Engineer, Zemosa Technologies, provided students with comprehensive exposure to HTML, CSS, JavaScript, and jQuery.

The programme served as an effective platform for connecting academic learning with industry practices. The Department of Artificial Intelligence and Data Science expresses its sincere gratitude to Mr. M. Hari Krishna for sharing his technical expertise, practical knowledge, and valuable industry experience with the students.

Gallery: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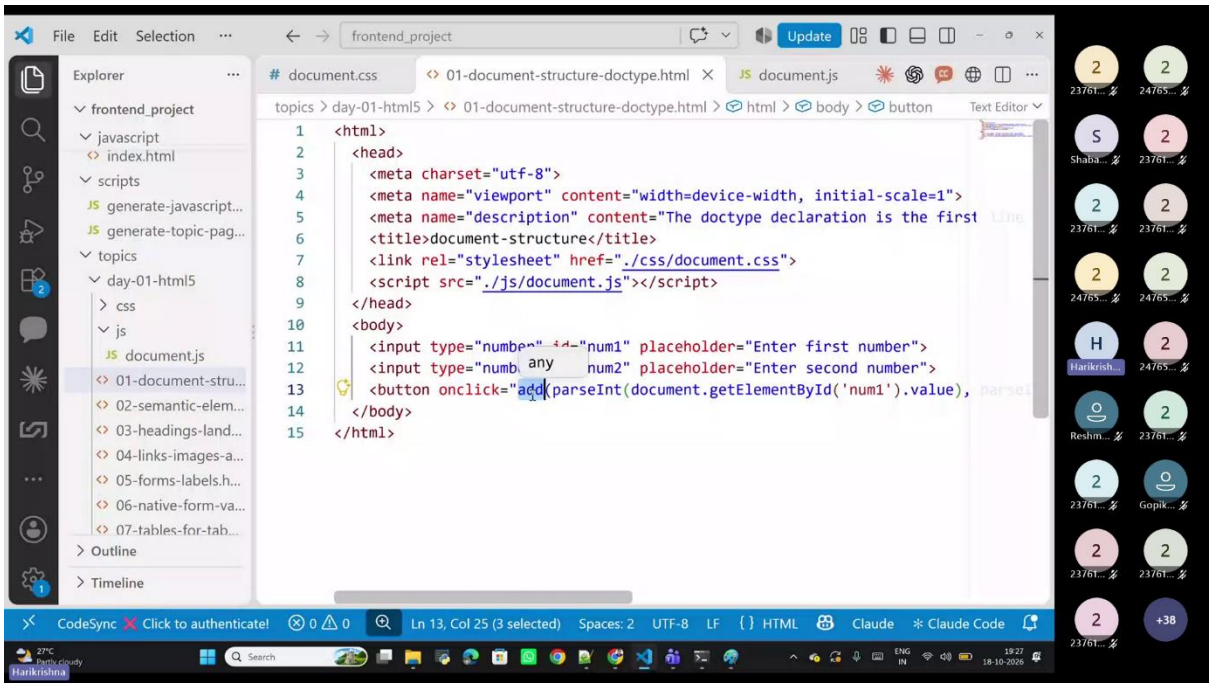
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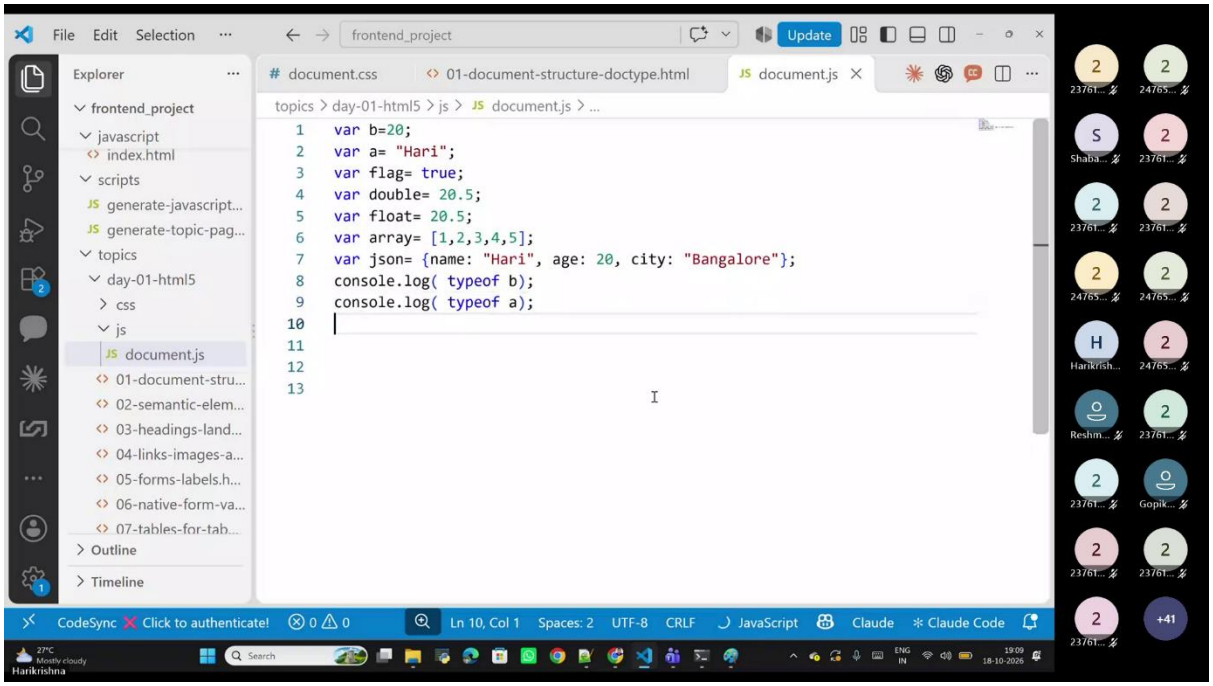
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1 var b=20;
2 var a= "Hari";
3 var flag= true;
4 var double= 20.5;
5 var float= 20.5;
6 var array= [1,2,3,4,5];
7 var json= {name: "Hari", age: 20, city: "Bangalore"};
8 console.log(typeof b);
9 console.log(typeof a);
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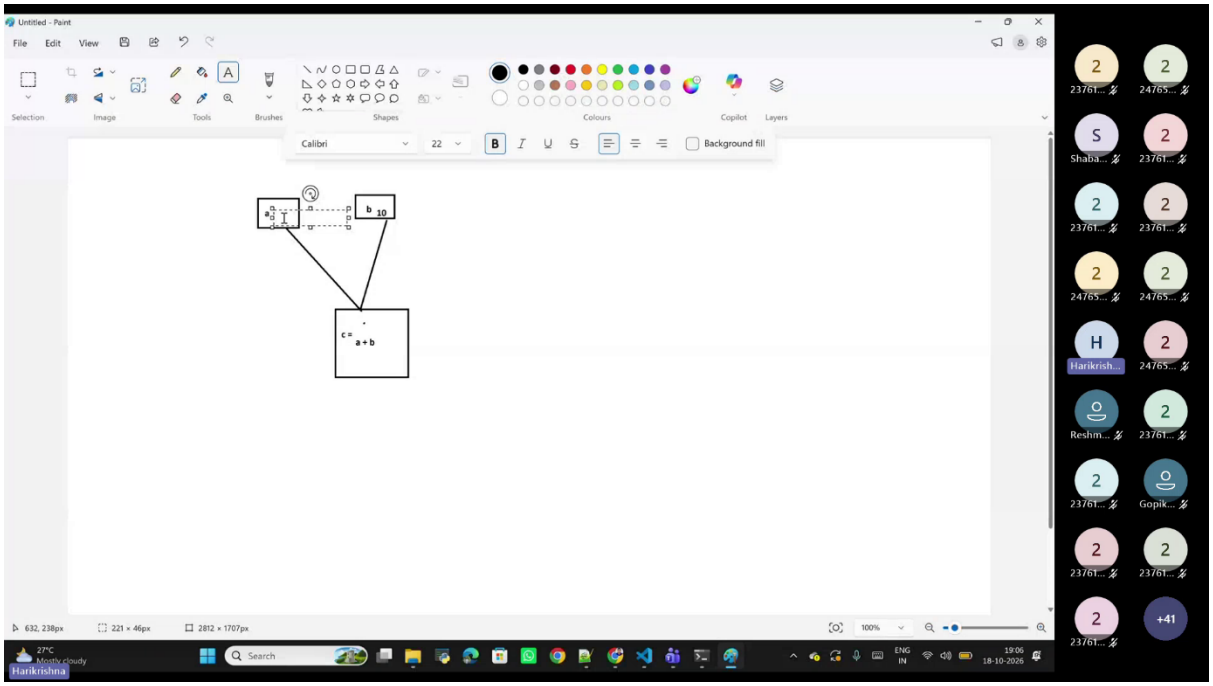
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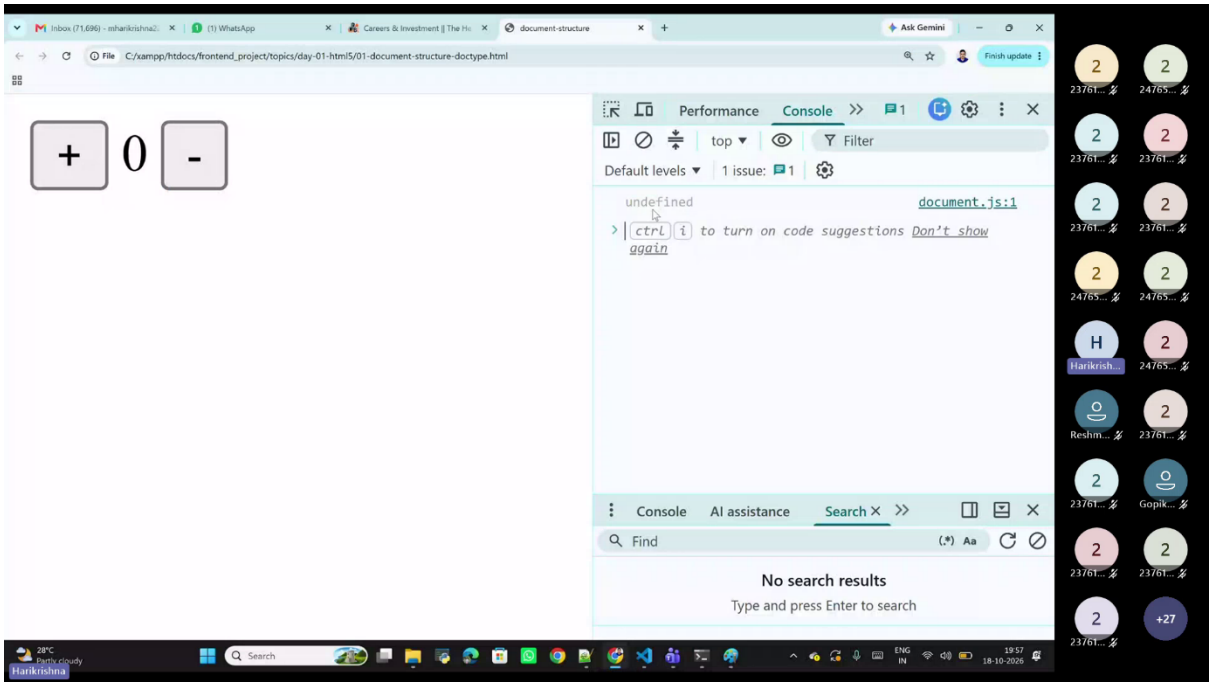

Convenor

Dr. P.Bhagath

HOD, AI&DS.