

Date:08-06-2024

Workshop on “Introduction to Web Development”

Name of the Program:	Expert talk on “Introduction to Web Development”	Program Dates & Timings:	08.06.2024 9.00AM- 1.00PM			
Name & Details of the Resource Person:	Gaurav B S, Himmath, Likith, Sneha, Prajna D’souza, Swathi Bhat, Kanvika 3 rd Year, Information Science and Engineering, AJIET, Mangaluru					
Organized by (Clubs/ Dept.)	Department of Information Science and Engineering	In Association with (clubs)	IIC			
Number of Participants	57	Students	57	Faculty	11	
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO7, PO11					
Coordinators	Mrs.Arptha Kumari G					
Faculty Participated	Mr. Prabhakara B. K., Mr. John Prakash Veigas, Mr. Rakesh M R, Mrs. Sharanya P S, Mrs. Navya S Rai, Mrs. Divya Mrs. R. Sahaya Shamini, Mrs. Archana Priyadarshini Rao					

About the Talk

The session on introducing participants to web development provided a comprehensive overview of web development as a leading field for creating dynamic and functional websites. Attendees were immersed in the foundational principles of web development, delving into its core features and elucidating its myriad advantages in building interactive and efficient web applications. Throughout the session, participants were equipped with a deep understanding of web development's architecture, which underpins its robust performance and versatility across different applications. By exploring web development's approach to both front-end and back-end development, attendees grasped the flexibility and efficiency offered by this field in developing modern and scalable web solutions. Students were also

exposed to practical exercises and questions, giving them an idea of the industry-level knowledge required.

Key Topics Covered:

- Basic Structure: Understanding the DOCTYPE declaration and HTML document structure, including html, head, title, and body.
- Text Formatting: Exploring headings, paragraphs, and text formatting options like emphasis, strong, underline, and italics.
- Lists: Creating unordered lists, ordered lists, and definition lists.
- Links and Images: Learning to create hyperlinks and add images to web pages.
- Tables: Understanding table creation, including headers, bodies, and footers.
- Forms: Structuring forms and utilizing form elements such as text fields, radio buttons, checkboxes, and dropdown menus.
- Basic Styling: Applying styles using inline, internal, and external CSS.
- Selectors: Utilizing element, class, ID, attribute selectors, and pseudo-classes and pseudo-elements for precise styling.
- Typography: Managing font properties, text alignment, decoration, and integrating web fonts like Google Fonts and custom fonts.
- Java Script: DOM properties, alerts, prompts, string conversion and a sample program.

About the Program:

Agenda:

Sl No.	Topic	Speaker
1	Talk on “Introduction to Web Development”	Gaurav B S, Himmath, Likith, Sneha, Prajna D’souza, Swathi Bhat, Kanvika

The Department of Information Science and Engineering in organized a technical talk on “Introduction to Web Development ” on 08/06/2024.

Objectives:

📌 **Introduction to Web Development:** Provide a comprehensive overview of web development, including its significance and applications in creating dynamic and functional websites.

📌 **Foundational Principles:** Immerse participants in the foundational principles of web development, covering both front-end and back-end technologies.

🎬 **Core Features and Advantages:** Elucidate the core features of web development and its myriad advantages in building interactive and efficient web applications.

🎬 **Understanding Web Development Architecture:** Equip participants with a deep understanding of web development's architecture, emphasizing its role in ensuring robust performance and versatility.

🎬 **Hands-on Approach:** Explore web development through practical exercises, allowing attendees to experience the process of building modern and responsive websites.

🎬 **Industry-Relevant Skills:** Expose students to practical exercises and questions that reflect industry-level knowledge and skills required in the web development field.

🎬 **Tools and Technologies:** Introduce participants to essential tools and technologies used in web development, including HTML, CSS, JavaScript, and various back-end frameworks.

Outcomes:

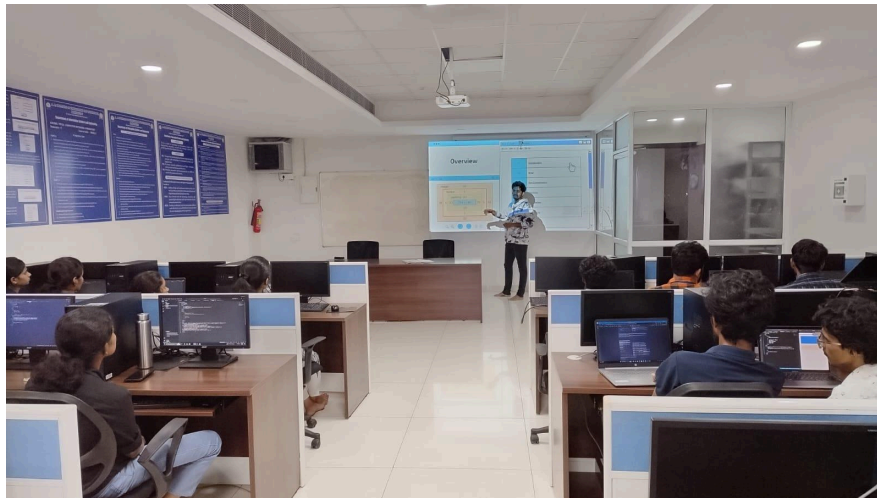
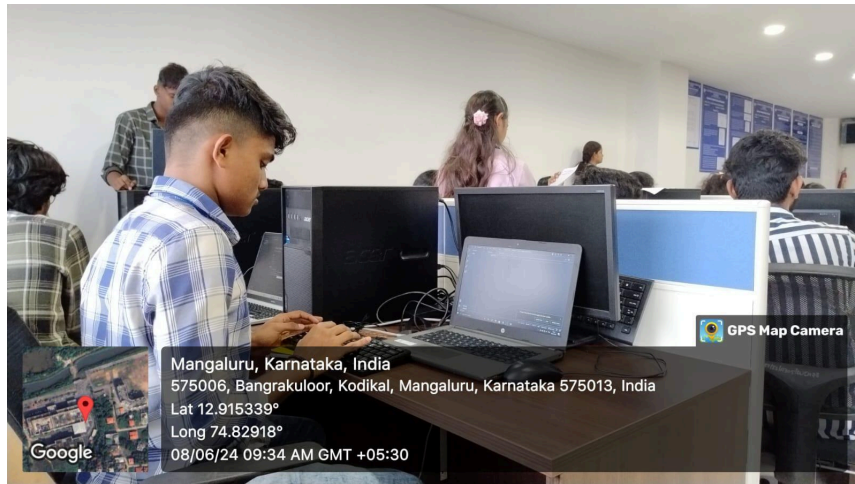
- Participants will be able to create well-structured HTML documents with a clear understanding of key elements.
- Participants will be able to format text using headings, paragraphs, and other text formatting tags.
- Participants will manage typography and colours to create visually appealing and readable web pages. Participants will be able to apply CSS styling effectively using inline, internal, and external methods.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	2			3					1	
2	2	3	1			2						
3	1		3	2								
Average	1	3	2	2		3					1	

Glimpses of Event:





Coordinator

HOD

Principal