

Report on Guest Lecture - “Getting Started with Web Development”

Date Of The Event	30-11-2024
Title Of The Event	Getting Started with Web Development
Name Of The Resource Person	Rindish Krishna , Application Developer at Thoughtworks
No Of Participants	100
Host Of the Event	ISE Dept
Venue	MVJCE- Seminar Hall 4

The Department of Information Science and Engineering organized a guest lecture titled “Getting Started with Web Development” on 30th November 2024 at Seminar Hall 4. The event began at 9:30 AM and saw the participation of approximately 100 students from the 3rd and 5th semesters of the ISE and Data Science departments.

The session, which lasted two and a half hours, concluded at 12:30 PM

Objective of the Event

Web development is a critical skill in the current IT industry. This guest lecture aimed to provide students with foundational knowledge of web development, emphasizing its importance and relevance in today’s digital era.

The inaugural program was graced by the honorable guest, Mr. Rindish Krishna, a Full Stack Developer at Thoughtworks, Bangalore, in the presence of Dr. Asha Joseph, HOD & Dean of the School of CSE. The welcome address was delivered by a second-year ISE student, and Preksha (USN: 1MJ22IS081) served as the Master of Ceremonies for the event.

Mr. Rindish Krishna, currently working as an Application Developer, has approximately three years of experience. He conducted the session effectively, engaging the students with practical insights and live demonstrations.

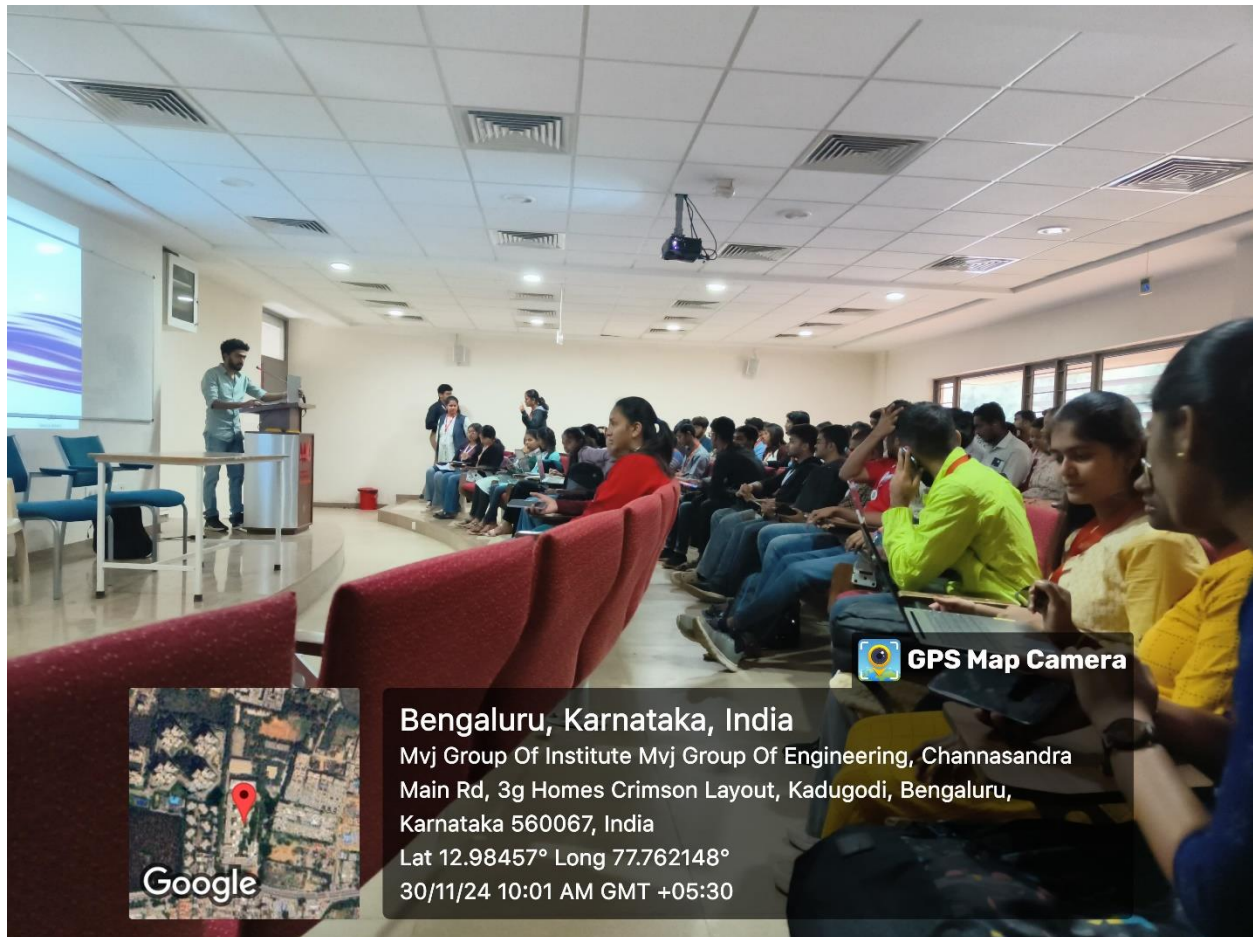


Fig 1: The Resource Person is addressing the audience at Seminar Hall 4

Web Technology refers to the tools, frameworks, protocols, and standards used to create and interact with websites and web applications. It encompasses everything from the way websites are designed and built to how they function and communicate over the internet. Web development training is a structured approach to acquire the skills and knowledge needed to build and maintain websites or web applications.

Key Highlights of the Lecture

Web technology encompasses the tools, frameworks, protocols, and standards used to create and interact with websites and web applications. It involves:

1. Front-End Development:

- Focuses on the user interface and experience, using technologies like HTML, CSS, and JavaScript.
- Frameworks and Libraries: React.js, Angular.js.

- Responsive Design: Ensures websites function seamlessly across devices.

2. **Back-End Development:**

- Involves server-side programming, databases, and APIs.
- Programming Languages: Python, Node.js, PHP, etc.
- Databases: SQL (MySQL, PostgreSQL) and NoSQL (MongoDB).
- APIs: RESTful and GraphQL.

3. **Full-Stack Development:**

- Combines front-end and back-end skills for end-to-end solutions.

Topics covered included:

- Front-end skills: HTML, CSS, JavaScript.
- Hands-on coding practice using FreeCodeCamp.
- Debugging techniques for real-time problem-solving.

Students experienced live coding sessions and gained practical knowledge about creating web pages, debugging code, and understanding the foundational elements of web development.



Fig 2: The resource person is conducting live class at Seminal Hall 4 at 1st half



Fig 3: The resource person is conducting live class at Seminal Hall 4 at 1st half



Fig 4 : Students participated at the seminar

Event Outcomes

The event concluded at 12:30 PM, leaving students with a clear understanding of front-end web development concepts. They acquired hands-on experience and familiarity with essential tools and techniques, making significant progress toward becoming proficient front-end developers.

Web development continues to be a cornerstone of the digital era, transforming industries and empowering individuals. As technology advances, the skills learned in this lecture will contribute to driving innovation and fostering a more connected world.

Chief Coordinator Of the Event:

Dr. Asha Joseph (HOD & DEAN School Of CSE)

Faculty Coordinator Of the Event:

Asst Prof SAYANI BAISYA (ISE)

Asst Prof Shagina P K (ISE)

Student Coordinators:

1. Vasudev Krishna (1M22IS124)
2. Preksha (1M22IS081)
3. Ananya Kamath S (1M23IS006)
4. Gurudev A Hiremath (1M22IS021)
5. Preetika Kour (1MJ23IS059)
6. Pavan Singh D N (1MJ23IS409)