

Near Air-port, Hingoli Road, Nanded-431605.

Department of Computer Science and Engineering

# [Co-curricular or Extra-curricular Activity]

Name of Activity: FRONTEND WORKSHOP

Prepared by: Mr. Bisen R. G. Date: 26<sup>th</sup> and 27<sup>th</sup> February 2024

#### **Introduction:**

On February 26<sup>th</sup> and 27<sup>th</sup>, 2024, the Department of Computer Science & Engineering, in collaboration with the Institute of Engineers (India) Students' Chapter, successfully organized a two-day workshop on "Front-end Development." The event was led by TYCSE students Mr. Pavan Kamthane and Mr. Piyush Mahajan, who shared their extensive knowledge and experience in front-end development.

The first day focused on HTML and CSS, with Pavan Kamthane guiding students through the basics and engaging them with practical exercises and quizzes. This provided a strong foundation in building static web pages.

The second day commenced with a recap of the previous day's lessons, followed by an in-depth session on JavaScript led by Piyush Mahajan. He demonstrated key JavaScript functionalities and best practices, enabling students to create dynamic and interactive web applications. Aditionally, a practical project on creating a to-do list was introduced to reinforce the concepts learned, allowing participants to apply their skills in a real-world scenario.

The entire workshop was organized by IEI Students' Council under the guidance of respected Director, **Dr. Geeta S. Lathkar**, Faculty Advisor & HoD of CSE Department, **Dr. Archana M. Rajurkar** and IEI coordinator, **Mr. Rahul Singh G. Bisen**. With the efforts of IEI council members under the guidance of IEI coordinator, the event had turned into great success.



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# **Activity Details:**

• Dates: February 26<sup>th</sup> and 27<sup>th</sup>, 2024

• Time: 10:30 AM – 5:30 PM

• Duration: 2 Days

• Location: Remote Centre Hall, Dept. Of CSE

## **Participants:**

• Number of participants: 70

• Class: SY CSE

### **Outcome of the Event**

The workshop was highly successful in providing students with hands-on experience in front-end development. By participating in interactive exercises and a practical project, students gained a solid understanding of HTML, CSS, and JavaScript, and learned how to integrate these technologies to create functional and aesthetically pleasing web applications. The practical project, creating a to-do list application, reinforced the concepts learned and offered real-world application of their skills.

#### **Relevance with Program Outcomes**

#### 1. Engineering Knowledge (PO1):

 The workshop enriched students' understanding of fundamental front-end technologies, enhancing their engineering knowledge. This hands-on experience provided practical insights into the application of theoretical concepts.

#### 2. Problem Analysis (PO2):

 Through the to-do list project, students developed the ability to identify and solve programming challenges, correlating with the program outcome of formulating and analyzing engineering problems.

## 3. Design/Development of Solution(PO3):



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 The workshop's focus on building web applications helped students learn to design functional and efficient solutions, which ties into the program outcome of designing solutions for complex engineering problems.

## 4. Modern Tool Usage (PO5):

 The use of modern web development tools and languages like HTML, CSS, and JavaScript allowed students to understand and utilize appropriate techniques and tools, fulfilling the program outcome of modern tool usage.

## 5. Lifelong Learning (PO12):

 The event inspired students to continuously engage with scientific themes and explore innovative ideas, promoting lifelong learning.

#### Feedback:

- Feedback from participants
  - Positive aspects :
    - "The workshop provided a fantastic introduction to front-end development, and the practical exercises really helped solidify my understanding of HTML, CSS, and JavaScript."
    - "The instructors were knowledgeable and approachable, which made it easy to ask questions and get help when needed."
    - "The hands-on project was a highlight, allowing me to apply what I learned in a real-world context and see immediate results."
  - o Areas for improvement
    - "The pace of the workshop was a bit fast, especially for beginners. A slower pace or additional introductory materials would help."
    - "Including more real-world examples or case studies would make the workshop even more relevant and engaging."



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## **Attachments:**

• Any supporting materials (photos, videos, presentations, etc.)













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# **Feedback**

| MGM's C "Two Days Hands-                              | Departme<br>IEI Studen | Engineering, Nent of CSE<br>outs' Chapter<br>op on Front-end |                           |
|---|------------------------|--|---------------------------|
|   | $(26^{th}-27^{th})$    | February2024)  |                           |
|   | FEEDBA                 | CK FORM  |                           |
| Name & Class of the Student:                          | Referen                | : Nanded   | 41                        |
| The workshop content was:                             |                        |  | EXCELLENT[ 4              |
| POOR[ ] SATISFACTORY[ ]                               | GOOD[ ]                | VERY GOOD[ ]   | EXCELLENT 9               |
| How would you rate the usefulne POOR[] SATISFACTORY[] |                        | very good[ ]   | EXCELLENTIN               |
| How would you rate the hands-or                       | GOOD[ ]                | VERY GOOD[ ]   | EXCELLENTIVI              |
| POOR [ ] SATISFACTORY[ ]                              | GOOD[ ]                | VERY GOOD[ ]   | EXCELLENT[ V              |
| Knowledge of Trainer:                                 | 0000[ ]                | VERT GOOD[ ]   | Executivity of            |
| POOR [ ] SATISFACTORY[ ]                              | GOOD[ ]                | VERY GOOD[ ]   | EXCELLENTI                |
| Explanations of Topics & Queries                      |                        |  |                           |
| POOR[ ] SATISFACTORY[ ]                               | GOOD[ ]                | VERYGOOD[ ]  | EXCELLENT[V]              |
| What is your Overall Assessment                       | of the worksho         | op?  |                           |
| POOR[ ] SATISFACTORY[ ]                               | GOOD[ ]                | VERY GOOD[ ]   | EXCELLENT[\]              |
| Views P. Suggestions (Including funts                 |                        |  |                           |
| Views & Suggestions (Including furth                  |                        |  | you would like to learn): |
| No, IT wa   | s Park                 | ect  |                           |
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| Additional Comments and Suggesti                      | ions:                  |  |                           |
| No  |                        |  |                           |
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Mr. Bisen R. G. Event Co-ordinator

Dr. A. M. Rajurkar H.O.D