

Report

Online Workshop
On

Design and Hosting of a Live Web Application using Java Technology

Date: 19th Aug 2024 Time: 3.30pm-5.30pm

A workshop on "Design and Hosting of a Live Web Application using Java Technology" was successfully conducted on 19th Aug 2024 in the online mode with an overwhelming participation of approximately 80 enthusiastic participants. The workshop was organized by Center of Excellence "Open Source Software" in association with Department of Computer Science and Engineering & Center for Machine Learning and Data Science. The workshop aimed to equip participants with the essential skills to build dynamic and interactive web applications.

Workshop Objectives

- To introduce participants to the fundamental concepts of web development.
- To provide hands-on experience in building web applications using HTML, CSS, JavaScript, and Bootstrap.
- To equip participants with the knowledge to deploy and host live web applications.

Workshop Methodology

The workshop adopted a comprehensive approach, combining theoretical inputs with extensive hands-on exercises. The sessions were structured as follows:

- **Introduction to Web Development:** A foundational overview of the web development ecosystem, including an introduction to HTML, CSS, and JavaScript.
- **Hands-on HTML and CSS:** Participants learned to create basic web pages using HTML structure and style them using CSS.
- **Dynamic Web Pages with JavaScript:** The workshop delved into JavaScript's role in creating interactive web elements. Participants learned about DOM manipulation, event handling, and AJAX.
- **Bootstrap Framework:** The power of Bootstrap for rapid web development was introduced, focusing on responsive design and pre-built components.
- **Deployment and Hosting:** Participants were guided through the process of deploying their web applications to a live server using platforms like GitHub Pages or hosting services.

Participant Profile

The workshop attracted a diverse group of participants, including students, professionals, and enthusiasts with varying levels of programming experience. Their enthusiasm and active participation contributed significantly to the workshop's success.

Workshop Highlights

- **Interactive Sessions:** Engaging discussions and Q&A sessions fostered knowledge sharing among participants.
- **Hands-on Projects:** Practical exercises allowed participants to apply their learning immediately, reinforcing concepts.
- **Expert Faculty:** Mr. Chinmay Mallick, Experienced senior Trainer, EMTRONIK TECHNOLOGY PVT. LTD., Bhubaneswar, delivered the workshop content, providing valuable insights.

Centre for Open Source Software



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Faculty Coordinator
Dr. Abhishek Das
Coordinator,
Center for Open Source Software,
Paralakhemundi

Organized by
Centre for Open Source Software
in association with
Department of Computer Science and Engineering
&
Centre for Data Science and Machine Learning



Resource Person
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CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Java Program". The slide contains a registration form with fields for Name (Chinmay), Email (chinmay@gmail.com), Mobile (9439864619), and Password (admin), and a "REGISTER" button. Arrows point from these fields to a "Java Program" box, which then points to an "ORACLE" database. The database contains the same registration details. The Zoom interface also shows a list of participants on the right, including "Chinmay" (presenting), "69 others", and "DR. ABHISHEK DAS". The bottom status bar shows the time as 4:00 PM and the meeting ID as omh-rjwb-oqn.

Dr. Abhishek Das

Coordinator, Center of Excellence "Open Source Software"

Assistant Professor, Department of Computer Science and Engineering