

Add-on course on "Web development using React JS"

Academic Year: 2022-23

Name of the Event: Add-on course on "Web development using React JS"

Date & Time of the Event: 1st, 2nd, 3rd and 4th March 2023

Name of the Speaker: Mr. Manish Prakash Jadhav & Shivam Gajanan Nimbalkar

Designation: Technical Head and Trainer, Research & Development Engineer and Trainer

Name of the Company / Institution with Address: Institute Of Futuristic Technologies (IOFT), Mumbai

Targeted Audience: TE Comp

Venue: Computer Center

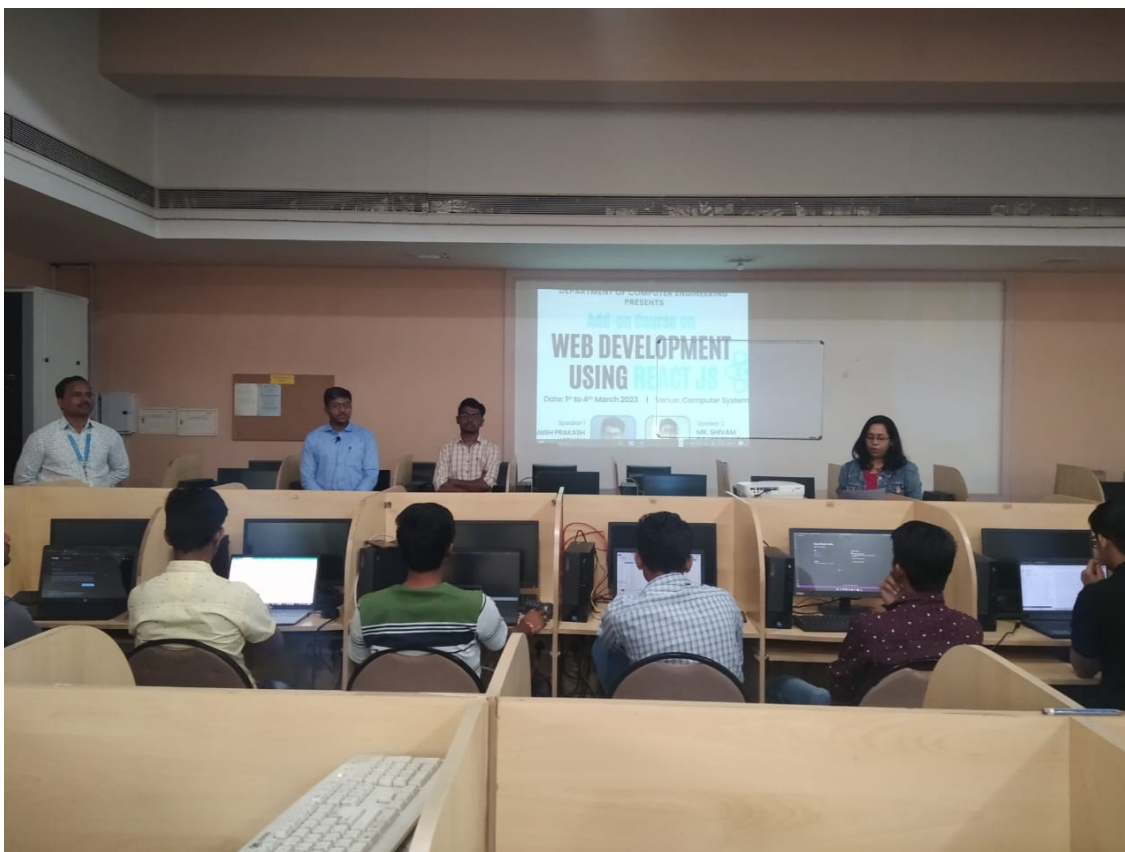
Event Coordinator: Prof. Kimi Ramteke

Number of Participants: 63

Activity Description in Nutshell: This Add-on course was organized by the Department of Computer Engineering for Third year students on 1st, 2nd, 3rd and 4th March 2023. Mr. Shivam Gajanan Nimbalkar, Development Engineer and Trainer at Bharat Soft Solutions and Mr. Manish Prakash Jadhav who is Technical Head and Trainer for the same. It was organized to help and support students to build the understanding of React which is still the best Javascript framework to use for front-end web app development in 2023 and for which there is a large pool of react js developers for hire.

This 4 days Add-on course was started with basic concepts like React.jsx, its use, installation and the steps to follow, project structure overview & viewing project on different devices on the same network. On day 2 the speaker covered overview of useState and useEffect functions, use of API keys in project & forms tag in React. Day 3 speakers completed routing to different pages using react-router-dom module, Music Player app project & adding routing and CSS to any other project of students choice. On the last Day NextJs, a NextJs demo project creation was completed. Speakers did a brainstorming session for mini project ideas

for ReactJs. These ideas were floated among students to implement the same. Additionally as the trending technology, history of the Web and Introduction to Web3 were discussed. They also gave students the idea of future Scope for Web Technology and potential of implementation of AR/VR features into the Web by giving virtual certificates of the same. Every day ended with a small online quiz to see the students' level of understanding. Based on the performance in mini projects a student got the opportunity of internship with this Institute Of Futuristic Technologies (IOFT), Mumbai.

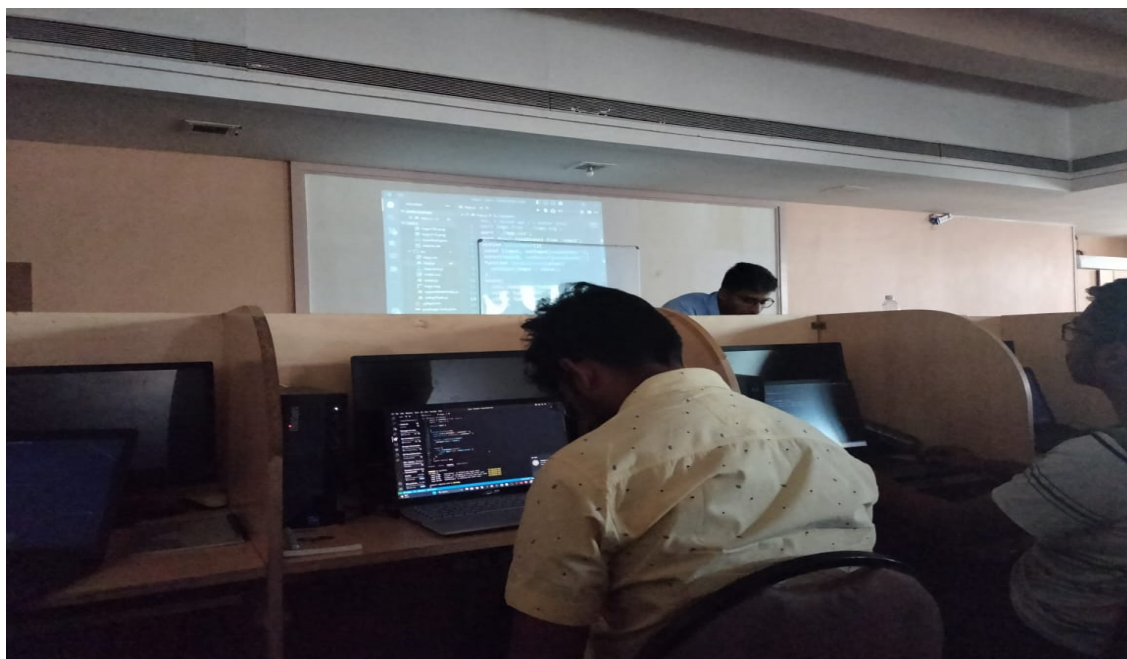


Event Photos:

Add on course Coordinator Ms Kimi Ramteke introducing the speakers and course objectives to students on Day 1



Mr. Shivam Nimbalkar giving the overview of useState and useEffect functions, use of API keys in project & forms tag in React on Day 2



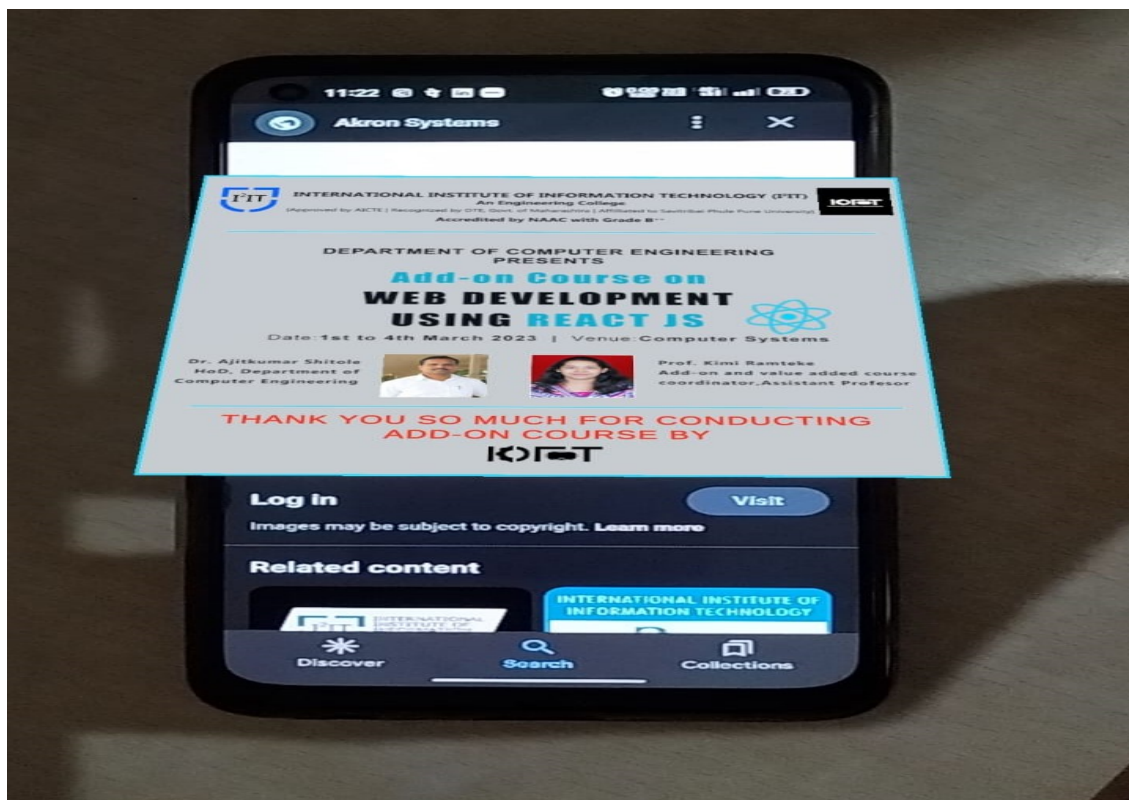
Students practicing the exercises on React



Resource persons Mr. Manish Jadhav & Mr. Shivam Nimbalkar solving the issues faced by students during the session



Students working on mini projects



Distribution of virtual certificates using an application designed using VR

Prof. Kimi Ramteke
Add-on & Value added course Coordinator

Dr. Ajitkumar Shitole
Head of Department