ABOUT WORKSHOP OBJECTIVE

React JS is a popular JavaScript library for building user interfaces, particularly for single-page applications. This tutorial aims to provide a thorough understanding of React JS, its purpose, and how to use it effectively in your projects. React JS, often referred to as React or React.js, is an open-source JavaScript library developed by Facebook to build user interfaces (UIs) for web applications. It was created by Jordan Walke, a software engineer at Facebook, and was first released in 2013. React enables developers to create reusable UI components, handle state and props, and efficiently update the user interface when data changes.

WHO CAN PARTICIPATE

All Students & Faculty from Computer Department ,MMIT,Lohgaon,Pune

RESOURCE PERSON

Mr.Nilesh Kumbhar

Full Stack Developer (ReactJS,Java) Shekru Labs India Private Limited ,Swargate ,Pune

VENUE

 $\label{thm:conditional} \textbf{Venue: Online Mode GoogleMeet}$

Google Meet Link:

meet.google.com/cuh-rvzh-uza

Time: 11:00 Am

THE INSTITUTION

The trust "Marathwada Mitramandal, Pune was established in 1967 by Hon. (Late) Shankarraoji Chavan as the Founder President. This trust is established through the inspiration of socially and educationally charged personalities, with the motto (Welfare of Masses). The Marathwada Mitra Mandal Institute of Technology (MMIT) was established in 2008. The institute runs undergraduate engineering programs Computer Engineering, Civil Engineering and Mechanical Engineering. The institute is accredited with "A" grade by National Assessment and Accreditation Council (NAAC). The institute is also recognized as a nodal center for Virtual Laboratory from IIT Bombay. To impart employability skills in the students, MMCIII (Centre for Invention, Innovation and Incubation) is established through a joint collaboration with Tata Technologies and DST, Pune.

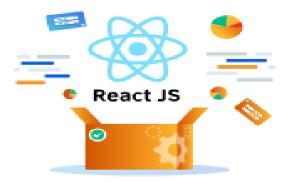
ABOUT MMIT

MMIT, Lohgaon was established in 2008. The institution is affiliated to Savitribai Phule Pune University, Pune and is approved by AICTE, New Delhi, Recognized by DTE, Government of Maharashtra. The uniqueness of the institute lies in its provision for an elaborate spectrum of engineering program under one roof which emphasis on quality education, training, and building of cultural value and development of professional skills. The institute has a sprawling and lush green beautifully planned campus with modern state of art infrastructure and hostel facility in 15 acres of land. The institute is accredited with "A" Grade by NAAC. It offers five engineering programmes (Computer, Artificial Intelligence & Data Science, Mechanical, Civil, Mechatronics). It houses 1000+ students and 80 staff members

One Day Workshop on

"ReactJS"

12th March 2024



Organized by



Department of Computer Engineering

Marathwada Mitra Mandal's
Institute of Technology (MMIT)

Lohgaon, Pune 47



"Techno-social Excellence" Marathwada Mitra Mandal's INSTITUTE OF TECHNOLOGY(MMIT)



Approved By AICTE, New Delhi recognised by DTE Maharashtra Affiliated to Savitribai Phule Pune University



"TOWARDS UBIQUITOUS COMPUTING TECHNOLOGY"



DEPARTMENT OF COMPUTER ENGINEERING

ONE DAY WORKSHOP ON REACTJS

Resourse Person Mr.Nilesh Kumbhar Full Stack Developer (ReactJS,Java)

Co-ordinator Mr.Yogesh B.Dongare Ms.Mrunal Jagtap



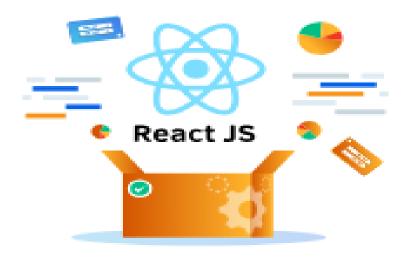
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A REPORT ON

"One Day Workshop on ReactJS"

12th March 2024



Organized By



Department of Computer Engineering Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune

Approved by AICTE New Delhi, Recognized by DTE Maharashtra & Affiliated to Savitribai Phule Pune

NAAC "A" Accredited Institute



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Notice: "One Day Workshop on ReactJS"



"Techno - Social Excellence" MARATHWADA MITRAMANDAL'S INSTITUTE OF TECHNOLOGY Lohgaon, Pune-411047

Date: 11/03/2024

"Towards Ubiquitous Computing Technology"
DEPARTMENT OF COMPUTER ENGINEERING

NOTICE

All the SE, TE & BE (COMP) students are hereby informed that guest lecture on "React JS" is arranged on dated 12/03/2024 (Tuesday) at 11:00 AM. Link will be shared.

ATTENDANCE IS MANDATORY

Details:

Day & Time: 12/03/2024

Venue:-Google Meet

ATTENDANCE IS MANDATORY

Coordinator Ms. M.S. Jagtap

Mr. Y.B.Dongare

Mr. S. G. Rathod



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Date: 13/03/2024

"One Day workshop on ReactJS"

Department of Computer Engineering organized "One Day Workshop on ReactJS" on 12th March 2024 at MMIT, Lohgaon, Pune. ReactJS has been introduced to make a good product out of the students' project to help the society & increase manufacturing industries in India. Students understand It is easier to scale the application built with ReactJS...

The details of Workshop are as follows:

Time: 11.00 AM.

Date: 12th March 2024

Mode: Online Mode

Google Meet Link:

meet.google.com/cuh-rvzh-uza

Resource Person: .Mr.Nilesh Kumbhar

Full Stack Developer (ReactJS,Java) Shekru Labs India Private Limited ,Swargate ,Pune



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About Program:

The workshop started with introduction of the guest Mr.Nilesh Kumbhar Sir ,having eight years of experience in software industry as Full stack developer.Nilesh Sir has mastery in ReactJs and Java.The contents covered in workshop are as below.

Introduction of HTML DOM -

React abstracts away the DOM from you, offering a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using React Native. React implements one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding.

React as a V in MVC-

React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC.

How to Build web applications with React-

React official documentation, the following is the definition – React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC. React abstracts away the DOM from you, offering a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using React Native. React implements one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding.

ReactJS is a JavaScript library used for building reusable UI components. According to React official documentation, the following is the definition —React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC. React abstracts away the DOM from you, offering a simpler programming model and better performance. React can also render on the server using Node, and it can power native apps using React Native. React



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implements one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding.

Total Duration of session is 2 hr.

Total Participants:51

Outcomes:

The students of TE Computer learnt the concepts well and its structural framework concepts for dynamic web apps. The workshop helps to develop rich internet applications by integrating ReactJS JSX, state management, routing, master components, hooks, etc



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Glimpses of the Workshop-



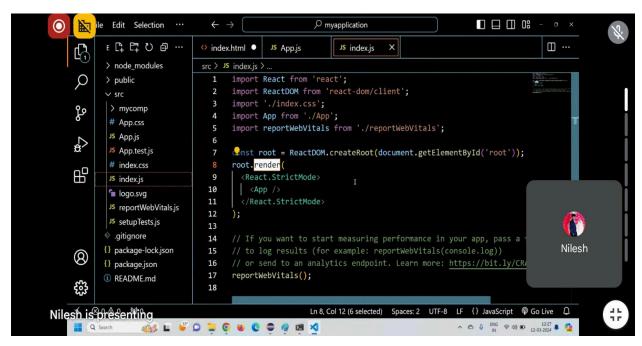




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Mr.Nilesh Kumbhar Sir explaining ReactJS on VS Code



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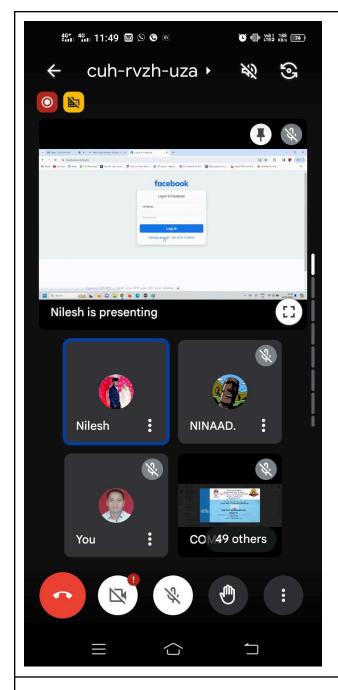


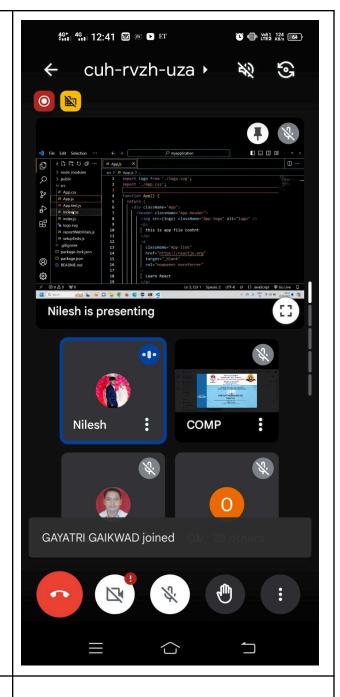




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List of students participated:

One Day Workshop on ReactJS

Google Meet Attendance

Google Meet Attenuance		
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31	Mrunal Jagtap	mrunal.jagtap@mmit.edu.in



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Feedback of Workshop:

3/13/24, 10:06 AM Attendance & Feedback : ReactJS Workshop

Attendance & Feedback : ReactJS Workshop



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3/13/24, 10:06 AM Attendance & Feedback : ReactJS Workshop

Name		
51 responses		
Parag Mali		
Hemakshi Nitin Ingale		
Pranav Kokadwar		
Pranay Bhaurao Rathod		
Vaishnavi Ginachi		
Mayuresh Bhombe		
Vaibhav Bhirud		
Shaikh Altaf Tayyab		
Abhishek Sanjay Jadhav		
Ashwini Sachin Kakde		
Ved Dodwadkar		
Pranjali Sunil Dindokar		
Ahire Janhvee Vikas		
Isha Deshmukh		
Yash Ashok Jadhav		
Patel Pradhyuman		
Thakarke Gajanan Kamlakar		
Rushikesh Bhalerao		
Tiya Suresh Jagtap		
Tahura Sayed		
Shruti Ashtekar		



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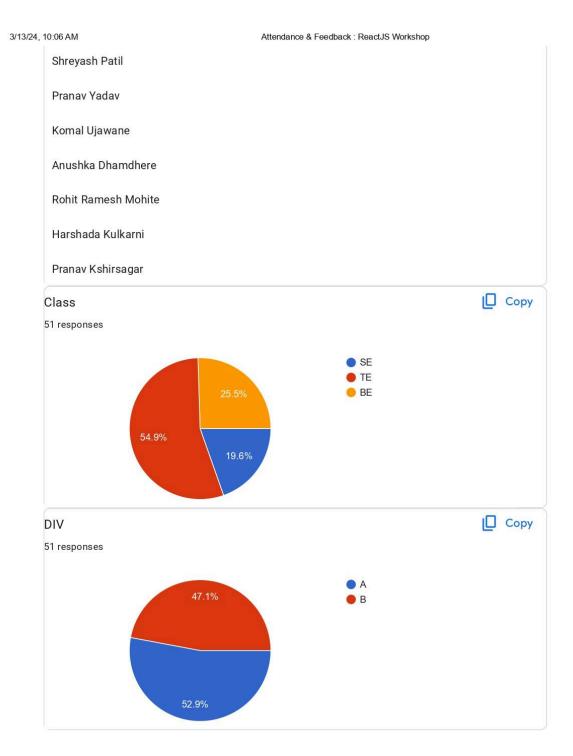
Attendance & Feedback : ReactJS Workshop

3/13/24, 10:06 AM

Omkar khandu sahane Mukul Laxman Bhendarkar Langade Shubhashree Sunil Kaustubh Vinay Mahajan Rahul Tekale Sahil chavan Ninaad chandrakant kumbhar Racheal Pavan Gokak Prathmesh Avinash Shinde Chaitanya Mehetre Rutuja Ravindra Dangat Saket Milind Kharche Prathamesh Bhandekar Atharva Subhash Wagh Saurabh Pawar Kavitkar Aditya Sanjay Onkar Nalawade Aayush Mahesh Kapadi Sonal Waghale Samruddhi Jaykumar Panjabrao Rathod Madhav kadam

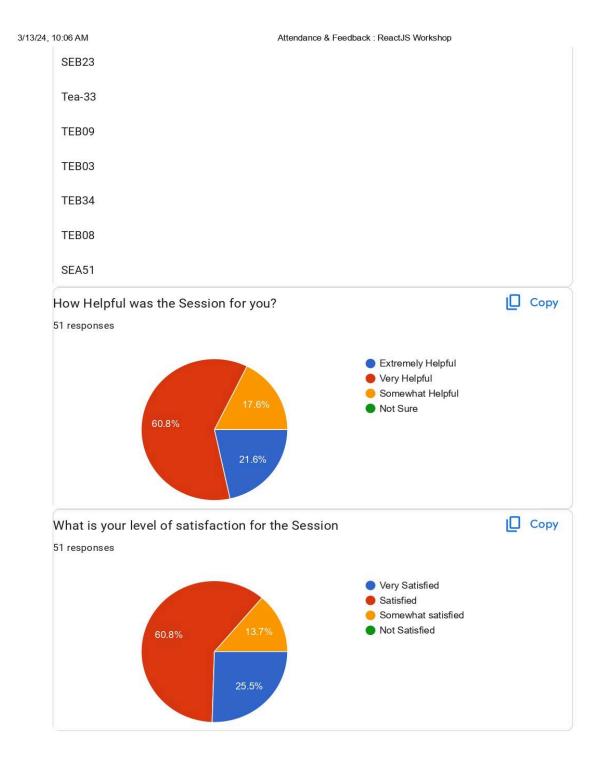


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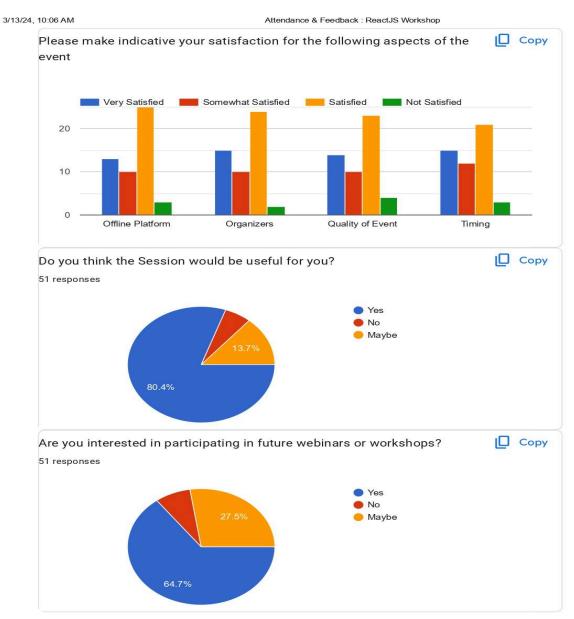
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11/12

Mr. Yogesh B. Dongare Ms. Mrunal Jagtap Coordinator Dr.S.G.Rathod
HOD
Computer Department