**Don Bosco Institute of Technology, Mumbai -400070**

**Department of Computer Engineering**

## Report on : React Workshop

**Title :** React Workshop

**Date :** 14 October, 2022

**Time :** 11:15 am - 1:15 pm

**Venue :** Computer Center

**Participants Present :** 10

**Resource Person :** Mr. Siddharth Dhaigude

**Organizing Department / Committee / Authority :** ACM Student Chapter

**Faculty Coordinator :** Mr. Imran Mirza, Ms. Sana Shaikh

**Objective :**

❖ Gain more knowledge on web development.

❖ Learn the basic concepts of React.

❖ Understanding the structure of a react web app.

**Outcome :**

❖ Understanding the advantages of using the technology of ReactJS.

❖ Demonstrating a react logo

❖ Demonstrating the concepts of components, props and state.

## Report :

ACM organized a React Workshop on 14th October, 2022 from 11:15 am to 1:15 pm at the Computer Center. The main objective of this workshop was to make students familiar with the concepts of React which is a part of the Internet Programming (IP) subject in the curriculum of Mumbai University and gain knowledge on the same.

Mr. Siddharth Dhaigude started off with the workshop by giving a brief introduction about ReactJS which is a JavaScript library for building user interfaces. Followed by that, he also explained various basic concepts of ReactJS. Then how a React App (CRA) is created was also demonstrated by him by running commands like npx. Then he moved towards explaining about components which are similar to JavaScript functions and the advantages of using it. Along with the component, the concept of Props and State was also covered during the workshop. After explaining all the concepts, how a button component is created and how the box is customized with props was also demonstrated by him. After this, Mr. Siddharth Dhaigude moved towards explaining the structure of a React web app.

At the end of the session Mr. Siddharth cleared all the doubts and queries of various students.

**Report Prepared By :**　　　　　　　　**Report Approved By :**
**Ms. Sanika Chaudhari**　　　　　　　　**Mr. Imran Mirza**
**(Admin Head - ACM)**　　　　　　　　**(Faculty Coordinator - ACM)**