

Department Of MCA

A REPORT ON VALUE ADDED COURSE

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|----|------------------------------------|--|---------|---------------------|
| 1 | Name of the Activity/Event | React JS | | |
| 2 | Date of Activity/Event | 05.07.21 to 10.07.21 | | |
| 3 | Organized by/Name of the committee | Department of MCA | | |
| 4 | Place of Activity/event | Virtual(zoom) | | |
| 5 | Resource person/guest/organization | 1.Sunanda Gundavajhala Member board of studies for MBA, Osmania University for women. 2.Rajinikanth M Senior Application Developer at Accenture | | |
| 6 | Type of activity/Event | Value Added Course | | |
| 7 | Activity/Event objectives | <ol style="list-style-type: none"> 1. Identifying the suitable points for learning and applying React JS features. 2. Understanding React components. 3. Understanding ECMA Script basic programs ,control statements, and Functions. | | |
| 8 | Participation | Students | Faculty | Total Participation |
| | | 135 | 0 | 132 |
| 9 | General remarks | 1. This is a very new and advanced course that helped students for Creating a Dynamic UI in React. | | |
| 10 | Suggested Improvements | <ol style="list-style-type: none"> 1. Vue.JS can also be introduced as part of this course. 2. Vue.JS is a fast growing framework that combines the best of AngularJS and ReactJS. | | |
| 11 | Enclosures | <ol style="list-style-type: none"> 1. Schedule 2. Attendance sheets 3. Brochure | | |
| 12 | Signature of In charge/convener | | | |

ReactJS is JavaScript library used for building reusable UI components.

According to React official documentation, following is the definition –

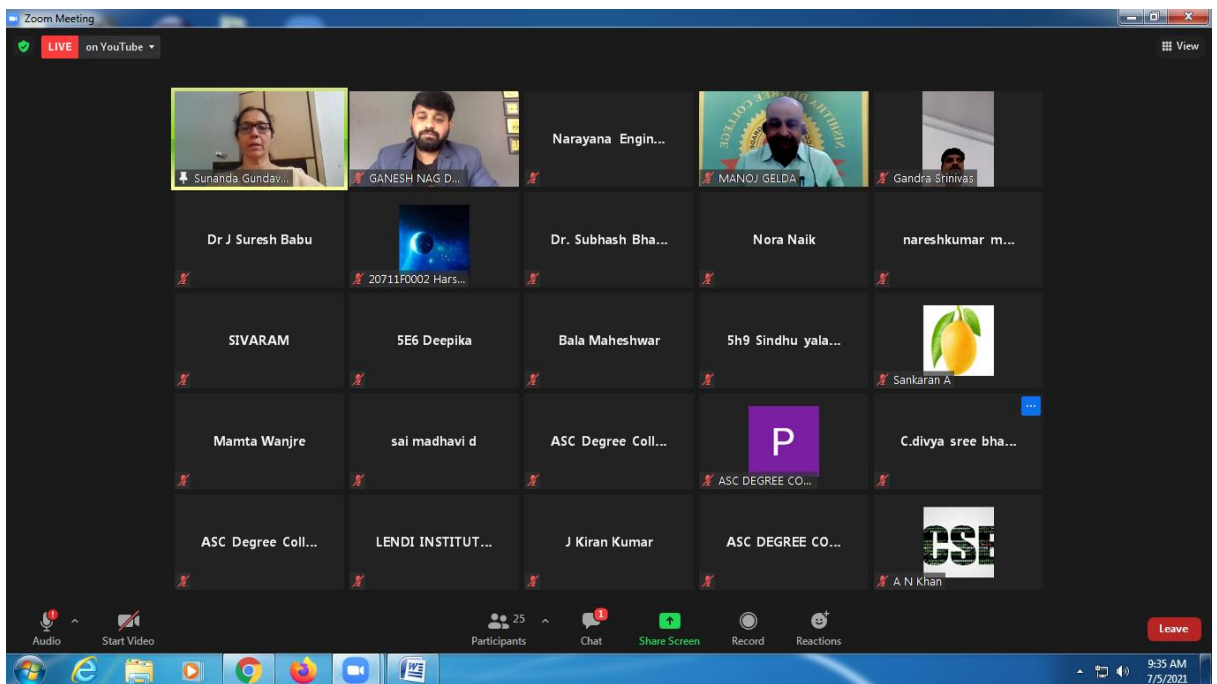
React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. Lots of people use React as the V in MVC. React abstracts away the DOM from you, offering a simpler programming model and better performance. React 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.

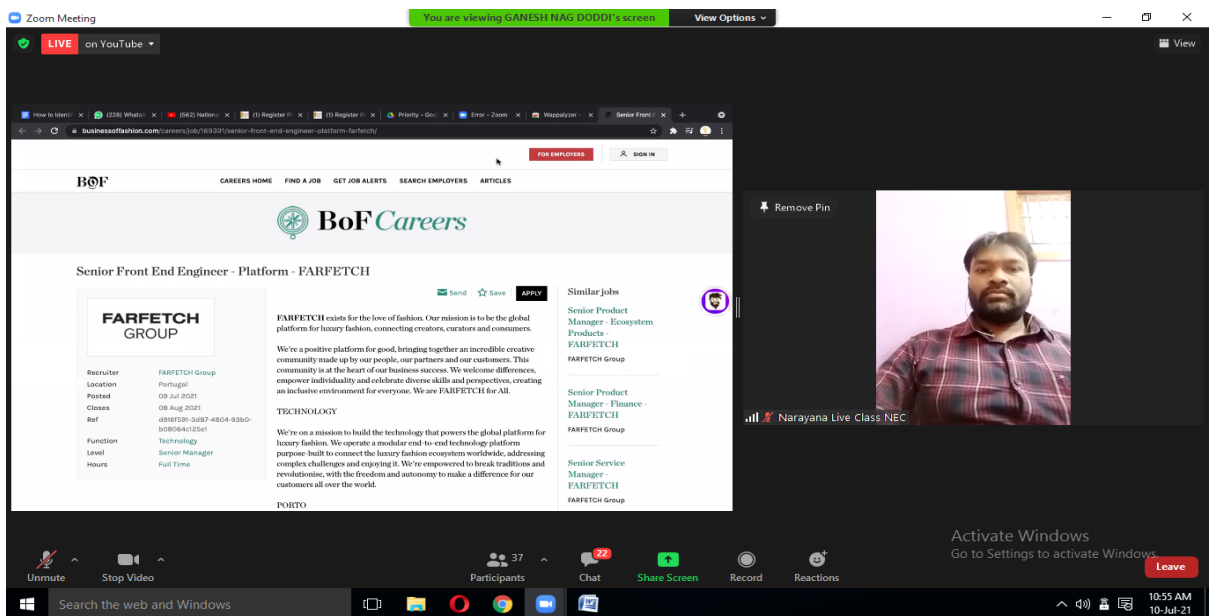
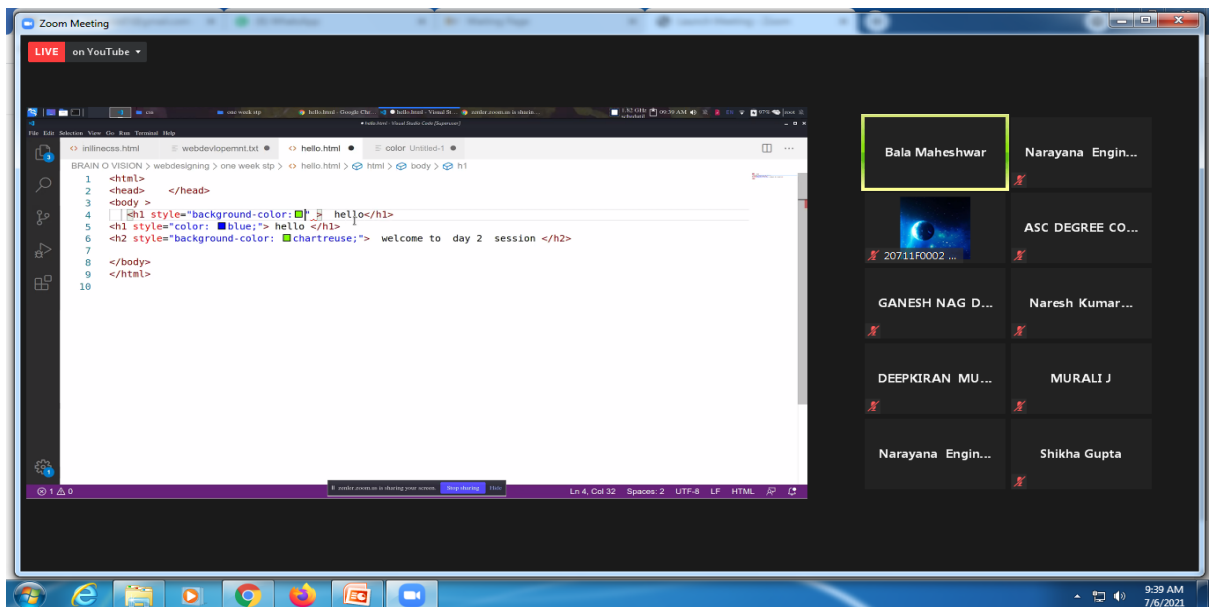
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This course is designed for students who want to learn the basics of web and its programming concepts in simple and easy steps. The student should have a basic understanding of JavaScript and any text editor. As we are going to develop web-based applications using React JS, it will be good if you have an understanding of other web technologies such as HTML, CSS, etc.





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

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