

1. Title of the Course: React JS Hands-on- practical training and its Applications

2. Course Mentors: Mr. ARYAN JOSHI (Master of Computer Applications) MERN Developer 2. Mr. VINAY SIPANI (Master of Computer Applications) MERN Developer 3. Mr. AVNITASH (B.Tech. Computer Science Engineering) MERN Developer 4. Mr. SHIVAM THAKUR (B.Tech. Computer Science Engineering) MERN Developer

3. Target Group: B. Tech. CSE/IT/ECE/AI&DS students

4. Fee Structure: Rs 2200/- per participant

5. Duration of the course: 03/07/2023-21/07/2023

6. Days and time of the course: Monday to Friday (10 A.M. to 2 P.M.)

7. Eligibility of the Course: Open for CGC - CEC Landran and CGC - COE Landran Students.

8. Objectives: After completion of the course students will be able to

1 Understand the concept of components, which are the building blocks of React applications and learn about functional components and class components.

2 Get comfortable with JSX (JavaScript XML), a syntax extension that allows you to write HTML-like code within JavaScript.

3 Understand how React virtual DOM works, which is a key feature for efficient UI updates.

4 Understand core JavaScript concepts, including variables, functions, arrays, and objects.

5 Apply knowledge by building small project.

9. Scope:

- React.js offers a promising career scope for developers due to its popularity.
- Widespread adoption.
- High demand in the industry.

10. Uniqueness: React.js enables the creation of highly interactive and dynamic user interfaces. This allows marketers to build engaging web applications, landing pages, or marketing websites that provide an immersive user experience. With React.js, marketers can incorporate animations, real-time updates, and seamless transitions to captivate users and deliver compelling marketing messages.

11. Learning Outcomes of the Course:

- i. Gain a solid understanding of React.js and its core concepts, including components, JSX, virtual DOM, and state management.
- ii. Comprehend the component lifecycle and how to effectively use lifecycle methods.
- iii. Learn how to build functional and class-based components and understand the differences between them.
- iv. Master the use of props and state to manage data and communication between components.

12. Week/Day wise Plan of the Course:

Module-1	Module - 2	Module - 3	Module - 4	Module - 5
· HTML	· CSS	· BOOTSTRAP	· JAVA SCRIPT	· REACT JS

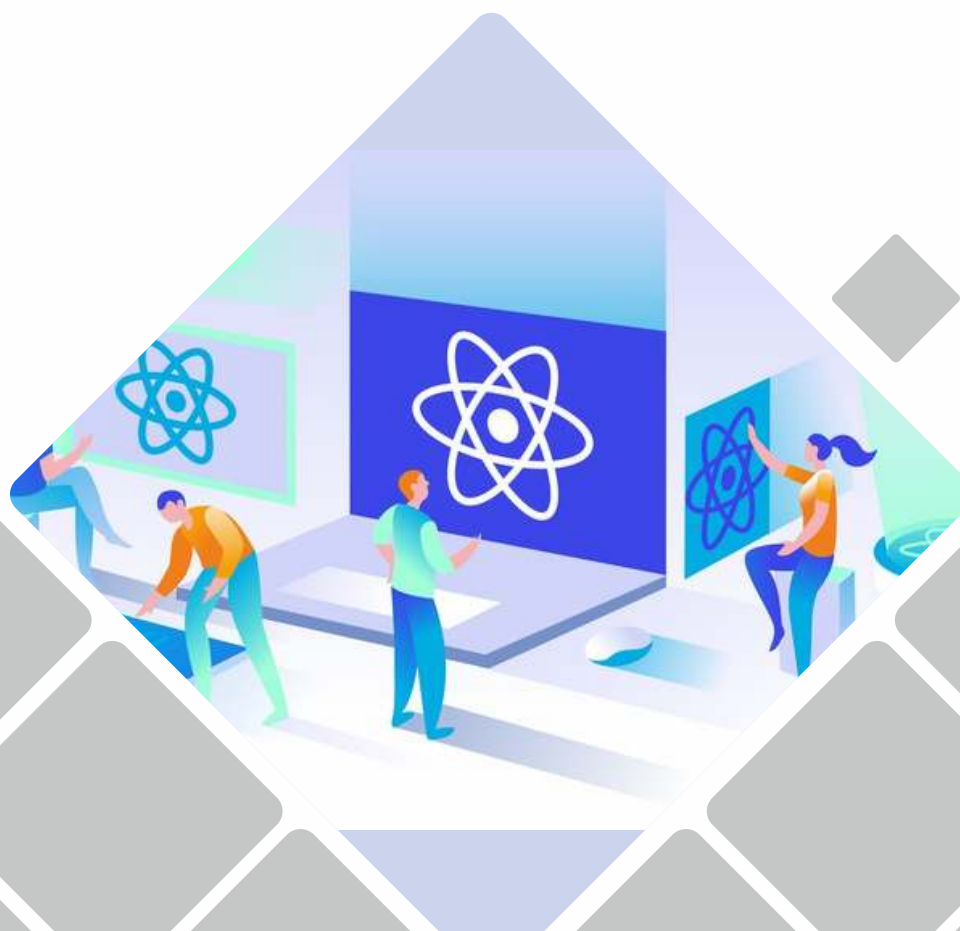
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