

Gyanmanjari Diploma Engineering College Bhavnagar

Report on

An Expert Talk on Introduction to React JS

Date: 05/04/2025
Time: 10:00AM to 12:00PM
Venue : TF-32

No. of Student	59
Department	Computer Engineering
Semester	Diploma Sem-2
Faculty Co-ordinator	[1]. Prof. Devdatt D. Chavda [2]. Prof. Aditya J. Pandit [3]. Prof. Ritesh D. Chimnani [4]. Prof. Rutvi M. Baraiya [5]. Prof. Akshay R. Kanojiya [6]. Prof. Khusharth B. Oza [7]. Prof. Tanvi. D. Oza

About Expert:

Mr. Jay Chauhan is a highly skilled Full Stack Developer at Brainvire Infotech Inc., Ahmedabad, with over 7 years of professional experience in modern web development. He specializes in React JS, Next JS, and Tailwind CSS, and has been actively involved in designing and developing dynamic, scalable, and responsive web applications. His in-depth knowledge of front-end frameworks and styling tools, along with backend integration, allows him to deliver comprehensive solutions in full stack development. During the session, Mr. Chauhan shared valuable insights from his industry journey, helping students understand real-world applications of React and related technologies.

Objective of Talk

Session Title: "Introduction to React"

The primary objective of the **Expert Talk on "Introduction to React JS"** was to provide students with a foundational understanding of React, one of the most popular JavaScript libraries for building user interfaces. This session aimed to bridge the gap between theoretical knowledge and real-world application by introducing key concepts such as components, JSX, props, state, and the virtual DOM. By engaging with an industry expert, students were exposed to current trends and practical approaches in modern web development. The event also intended to inspire students to explore front-end development further and equip them with insights necessary to begin building dynamic, responsive web applications using React.

About Expert Session

The **Expert Talk on "Introduction to React"** was successfully conducted on 05th April, 2025 from 10:00 AM to 12:00 PM. **The session was delivered by Mr. Jay Chauhan, a seasoned Full Stack Developer from Brainvire Infotech Inc., Ahmedabad.** He began the session by introducing the fundamentals of React, explaining its evolution and why it has become a widely adopted library for front-end development. Mr. Chauhan highlighted React's component-based architecture, the use of JSX (JavaScript XML), and the concept of virtual DOM, providing students with a clear understanding of how React differs from traditional JavaScript frameworks.

As the session progressed, Mr. Jay Chauhan demonstrated how React JS works in real-world scenarios through live coding examples, showcasing how components interact and how state and props are managed. He also elaborated on the various advantages of using React, including improved performance, reusability of components, and ease of maintenance. The talk concluded with a discussion on popular applications of React, such as its use in building interactive user interfaces for web applications like Facebook, Instagram, and other modern platforms. The session was interactive, informative, and greatly appreciated by the students who gained valuable insights into the world of React and modern web development practices.

Photographs



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TPA Signature

HOD Signature