

**Expert Lecture**

**On**

**Beyond Devices: The Evolution of Everyday Wearables**

**Organized by**

**Department of Advance Computing**

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### Introduction to React :

React is a JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called components.

### Component-Based Architecture :

React uses a component-based architecture where you build encapsulated components that manage their own state, then compose them to make complex UIs. Components can be class-based or functional.

### Virtual DOM :

React creates a virtual DOM in memory, where it does all the necessary manipulating, before making the changes in the browser DOM. This approach enables the declarative API of React.