



KIET Group of Institutions, Delhi-NCR, Ghaziabad
Department of Computer Applications



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PRESENTATION ON

<< REACT JS >>

SUBMITTED BY

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SEMESTER :- 6th

SECTION :- A

DATE:- 02/04/2022

TECHNOLOGY

What is HTML?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements

HTML STYLE- CSS

Cascading Style Sheets (CSS) is used to format the layout of a webpage.

USING CSS-

Inline- by using the style attribute inside HTML elements.

Internal- by using a `<style>` element in the `<head>` section.

External- by using a `<link>` element to link to an external CSS file.

HTML JAVA SCRIPT

JavaScript makes HTML pages more dynamic and interactive.

```
<script>
```

```
document.getElementById("demo").innerHTML = "HelloJavaScript!";
```

```
</script>
```

WHAT IS REACT ?

- It is a library for creating user interfaces.
- It is a library of JavaScript.
- React creates a VIRTUAL DOM in memory.
- React only changes what needs to be changed!

BUILDING COMPONENTS NOT NOT TEMPLATES

- Components are the building block of React.
- Very similar to directives in Angular JS.
- Components can be written in pure Javascript.

BENEFITS OF REACT JS

- It boosts productivity and facilitates further maintenance.
- It guarantees stable code.
- It comes with a helpful developer toolset.
- React is a Handy and Powerful JavaScript Library.

THE BEST WEBSITES EXAMPLES BUILT WITH REACT JS

- **Facebook**
- Netflix
- Flipboard
- Salesforce

HOW TO IMPORT REACT ?

- `import React from 'react';`
- `import ReactDOM from 'react-dom';`
- `import ReactDOM from 'react-dom';`
- `function Hello(props) {`
- `return <h1>Hello World!</h1>;`
- `}`
- `ReactDOM.render(<Hello />, document.getElementById('root'));`

WHAT IS NODE JS ?

- Node.js is an open source server environment.
- Node.js is free.
- Node.js runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- Node.js uses JavaScript on the server

APPLICATION AREAS

- Web pages development. HTML is heavily used for creating pages that are displayed on the world wide web
- Responsive images on web pages
- JavaScript enhances our Web page
- Creation of Dynamic web applications is easier in React JS
- **Node.js uses asynchronous programming**

CONCLUSION

- We come a long way in your journey to learn web development.
- We learned how to create structured and functional documents
Using HTML , CSS, JS, React JS, Node JS.

THANK YOU