

## NIELIT Virtual Academy

### IT11: Certificate Course in React-Js

#### Objective :

React.js, more commonly known as React, is a free, open-source JavaScript library. React.js is built using JSX – A combination of JavaScript and XML. Elements are created using JSX, then use JavaScript to render them on your site. React implements a one-way reactive data flow, which reduces the boilerplate and is easier to reason about than traditional data binding. Component and data patterns improve readability, which helps to maintain large

#### Methodology :

- ✓ Live Lecture
- ✓ 24x7 Cloud-based Virtual Lab
- ✓ Content Access through the e-learning portal
- ✓ More than 70% Practical
- ✓ Assessment and Certification

#### Eligibility :

- ✓ +2 / Higher

**Course Duration: 30 Hrs. (1 hr./day on Weekdays)**

**Contact Number: 7598730125**

**Registration Link: <http://nva.nielit.gov.in>**

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IT11- Certificate Course in ReactJs		
<b>MODULE 1</b>		
	<b>Introduction</b>	<b>Day 1</b>
	<ul style="list-style-type: none"> <li>• Why React?</li> <li>• Set Up</li> <li>• Jsx</li> </ul>	
	<b>React Components</b>	<b>Day 2</b>
	<ul style="list-style-type: none"> <li>• Function Components,</li> <li>• Components in Files</li> </ul>	
<b>MODULE 2</b>		
	<b>React -Applying Css Style</b>	<b>Day 3</b>
	<ul style="list-style-type: none"> <li>• Inline Styling</li> <li>• Css Stylesheet</li> </ul>	
	<b>React-Click Event</b>	<b>Day 4</b>
	<ul style="list-style-type: none"> <li>• Adding Events</li> <li>• Passing Arguments</li> <li>• React Event object</li> </ul>	
	<b>React - use State hook</b>	<b>Day 5</b>
	<ul style="list-style-type: none"> <li>• Import, Initialize, Read, Update</li> </ul>	
	<b>React - List and keys</b>	<b>Day 6</b>
	<b>React Icons</b>	<b>Day 7</b>
	<b>React - Props</b>	<b>Day 8</b>
	<b>React- Controlled Inputs</b>	<b>Day 9</b>
	<b>React - 1<sup>st</sup> Project</b>	<b>Day 10</b>
<b>Module 3</b>		
	<b>React - useRef Hook</b>	<b>Day 11</b>
	<b>React - useEffect Hook</b>	<b>Day 12</b>
	<b>React - Local Storage</b>	<b>DAY 13</b>
	<b>React - Fetch Api Data</b>	<b>Day 14</b>
	<b>React - CRUD Operations</b>	<b>Day 15-17</b>
	<b>React - 2<sup>nd</sup> Project</b>	<b>Day 18</b>
<b>Module 4</b>		
	<b>React Router - v6</b>	<b>Day 19-20</b>
	<b>React Css</b>	<b>Day 21</b>
	<b>React - Axios Api Request</b>	<b>Day 22</b>
	<b>React custom Hooks</b>	<b>Day 23</b>
	<b>React Context Api</b>	<b>Day 24</b>
	<b>Use Content Hook</b>	<b>Day 25</b>
	<b>Deploy your React Api</b>	<b>Day 26-30</b>
	<b>Final Project</b>	