



# ICT ACADEMY OF KERALA

## Full Stack Development Using React

May 2023

Day #	Topic	Session Type	Duration(Hrs.)	Date
Day 1	Program Orientation	Offline	6	May 8
	Introduction to Web Application Development			
	Basics of HTML and CSS			
	Javascript Basics			
	JS Primitive Types & Reference Types			
Day 2	ES6 Concepts	Offline	6	May 9
	Introduction to ReactJS			
	Components in React			
	JSX and React DOM			
	Material UI			
	Project - Simple Form			
	Props			
Day 3	React Props and styling	Offline	6	May 10
	States			
	React state Practice			
	Component Lifecycle Methods			
Day 4	useForms()	Offline	6	May 11
	Conditional Rendering			
	How to fetch data from External API			
	Hooks and useEffect()			
	Adding data to API			
	Introduction to Node & Express			
Day 5	What is MongoDB?	Offline	6	May 12
	Create a Schema & DataBase using Mongoose			
	Create a RESTful API using Express.			
	What is CORS ?			
	How to send Data from React and collect it in the Node+Express server.			
Day 5	How to add data to the Database.	Offline	6	May 12
	<b>Project</b>			
	Setting Up Cloud Account			
	Installation of Node , Express and React to the Cloud.			
	<b>Mentoring Session #01</b>			May 20
	<b>Mentoring Session #02</b>			May 27
	<b>Mentoring Session #03</b>			June 3