Full Stack Development -MERN Stack   Duration : 105 hours

Course Structure:

S.no	Topics
1	Introduction to Hyper Text Markup Language(HTML5)
2	Introduction to Cascading Style Sheet(css), Bootstrap, JavaScript, JQuery, JSON
3	MongoDB
4	ExpressJS
5	React JS
6	Node JS

Detailed Syllabus of the Course:

S.No	TOPICS
	Hyper Text Markup Language(HTML5) **(Duration: 12 Hours)**
1	Introduction to HTML
2	HTML Basics
3	HTML Elements
4	HTML Semantic
5	HTML Attributes
6	HTML Headings
7	HTML Paragraph
8	HTML Styles
9	HTML Formatting
10	HTML Quotations
11	HTML Comments & Colour
12	HTML CSS, Links and Images
13	HTML Lists
14	HTML Blocks
15	HTML Classes
16	HTML Layout
17	HTML Responsive
18	HTML Forms,Tables
	Real- Time Projects on HTML5
	Cascading Style Sheets (Duration: 14 Hours)
20	Introduction CSS3
21	CSS3 Syntax
22	CSS3 How To
23	CSS3 Color
24	CSS3 Background color
25	CSS3 Padding
26	CSS3 Height
27	CSS3 Width
28	CSS3 Margin
29	CSS3 Shadows

30	CSS3 Text
31	CSS3 Font
32	CSS3 Links
33	CSS3 Tables
34	CSS3 Lists
35	CSS3 Outline
36	CSS3 Display
37	CSS3 Position
38	CSS3 Float
39	CSS3 Images
40	CSS3 Pagination
41	CSS3 Buttons
42	CSS3 Responsive
43	CSS3 Animations
44	CSS3 Drop-downs
45	Introduction to Bootstrap
46	Bootstrap Basics
47	Bootstrap CSS
48	Bootstrap JS
49	Introduction to Javascript
50	Javascript Basics
51	jQuery, JSON
	Real- Time Projects on HTML,CSS,Javascript
	MongoDB (Duration: 16 Hours)
52	Introduction to MongoDB
53	MongoDB Environment
54	MongoDB Create Database
55	MongoDB Drop Database
56	MonogDB Create Collections
57	MongoDB Drop Collections
58	MongoDB Read Operation
59	MongoDB Write Operations
60	MongoDB Data Modeling
61	MongoDB Administration
62	MongoDB Security
63	MongoDB Schema
64	MongoDB Indexes
65	MongoDB Storage
66	MongoDB Replications
	ExpressJS(Duration: 10 Hours)
68	Introduction to Express Framework
69	Getting Started with Express Your first Express App
70	Express Routing - Implementing MVC in Express, Middleware- Using Template - Engines Error Handling - API Handling - Developing Template Engine - Using Process Managers
71	Security & Deployment

	React js(Duration: 25 Hours)
72	Introduction To React js
73	Folder Structure In React
74	React Components
75	React JSX
76	State In React
77	Destructuring And Event Handler
78	Event Handler And Methods
79	Conditional And List Rendering
80	React Styling and CSS
81	React Forms
82	React Components Lifecycle
83	HTTP and React
84	Integration with other Libraries
85	React Hooks
86	Real- Time Projects on React
87	**Node.Js (Duration: 28 Hours)**
88	Getting started
89	Node Core
90	mongodb node modules
91	Connecting Node.js to Database
92	REPL Terminal
93	Callbacks Concepts
94	Event Loop
95	Event Emitter
96	Buffers & Streams
97	Web modules
98	Web Sockets
99	Body parser
100	Debugger
101	Payment Gateway
102	E-mail validation
103	SEO, DNS,HOST,SMTP Basics
104	Real- Time Projects on MERN Stack