NIELIT Virtual Academy

Certificate Course in Front End Development
Self-Paced

Objective:

To master the art of Front-End Web Development with a focus on frontend technologies, equipping students with the skills and knowledge necessary to create responsive, interactive, and visually appealing user interfaces.

By the end of the course, student will be able to proficiently use modern frontend frameworks and tools, understand the principles of user experience design, and effectively collaborate with backend developers to build robust, end-to-end web applications. The goal is to leverage this expertise to contribute to cutting-edge web development projects, delivering seamless and engaging user experiences.

Requirement of the Course:

Now a day in every schools Computer education is mandatory and in all boards HTML, CSS is already included in their syllabus. But Students are not well versed with practical implementation of these topics. This course will be a boon for all 10th Standard Students as well as other professionals who wants to start their carrier as a Front-End Developer.

Target Audience: School and College Students.

Methodology:
- Access from anywhere anytime
- Content Access through e-learning portal
- Doubt Removal Session
- Covers both Theory & Practical
- Certification: Test/Project

Eligibility: 10th Pass/10th Undergoing

Registration Link: http://nva.nielit.gov.in

Contact Number: 75987301253

	Certificate Course in Front End Development **Syllabus**
1	**HTML5:**
	- **HTML Elements, Attributes** - **HTML Headings, Paragraphs** - **HTML Styles, Colors** - **Working with Div** - **HTML Text Formatting** - **HTML Links, Images** - **HTML Table Sizes, Table Headers** - **HTML Table Padding & Spacing, Lists** - **HTML Table Colspan & Rowspan** - **HTML Layout Elements and Techniques**
2	**CSS:**
	- **CSS Introduction, Syntax, Comments, Colors** - **CSS Backgrounds, Borders** - **CSS Margins, Padding, Outline** - **CSS Fonts, Icons, Table Style** - **CSS Layout - The Position Property** - **CSS Layout - Overflow, float and clear** - **CSS Layout - display: inline-block** - **CSS Layout - Horizontal & Vertical Align** - **CSS Pseudo-elements, Opacity / Transparency** - **CSS Forms, Counters, Grid Container** - **CSS Grid Layout Module, Grid Item**
3	**JavaScript:**
	- **JavaScript Statements, Output** - **JavaScript Variables, Let, Const** - **JavaScript Operators and its types,** - **JavaScript Functions, Objects, Events, Strings** - **JavaScript String Methods, Numbers** - **JavaScript Arrays, Methods, Sorting, Iteration** - **JavaScript Math Object, Random, Booleans** - **JavaScript Comparison and Logical Operators** - **JavaScript if, else, and else if, Loop, Sets** - **Client-Side Validation** - **JavaScript HTML DOM Document, DOM Elements** - **Small Project**