

## NIELIT Virtual Academy

### COURSE PROSPECTUS

**Name of the Course:** *Certificate Course in Front-End Development (Self-Paced)*

**Course Code:** SP31

**Mode of Conduction:** *Online[Self-Paced]*

**Duration:** 30 Hours

### Objective of the Course

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.

### Outcome of the Course:

Provide the participants with in-depth knowledge and skills required in Front End Development as per Industry Standards.

**Course Fee: Rs: 591/- (inclusive of GST)**

**Eligibility:** 10th Pass/10th Undergoing

### Methodology:

- ✓ Teaching Mode: Self-Pace
- ✓ Access from anywhere anytime
- ✓ Content Access through e-learning portal
- ✓ Doubt Clearing Session
- ✓ Practical Oriented

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

## Contact Details:

- Email: [trng.chennai@nielit.gov.in](mailto:trng.chennai@nielit.gov.in)/ [ds@nielitchennai.edu.in](mailto:ds@nielitchennai.edu.in)
- Mobile number: **07598730125/6374986782**

## Contents:

### 1. HTML5:

- ❖ HTML Elements, Attributes, Headings, Paragraphs, Styles, Colors
- ❖ Working with Div, Text Formatting, Links, Images
- ❖ Working with HTML Table
- ❖ HTML Layout Elements and Techniques

### 2. CSS:

- ❖ CSS Introduction, Syntax, Comments, Colors, Backgrounds, Borders
- ❖ CSS Margins, Padding, Outline, Fonts, Icons, Table Style
- ❖ CSS Layout
- ❖ CSS Pseudo-elements, Opacity / Transparency
- ❖ CSS Forms, Counters, Grid

### 3. JavaScript:

- ❖ JavaScript Statements, Variables, Operators and Functions
- ❖ JavaScript Objects, Events, Strings, Arrays, Methods, Loops, Conditions
- ❖ JavaScript Client-Side Validation, DoM
- ❖ Small Project

## Examination & Certification

| Category   | Theory           | Project |              | Total |
|------------|------------------|---------|--------------|-------|
| Paper Name | No. of Papers:01 | Project | Presentation |       |
| Marks      | 40               | 30      | 30           | 100   |

After successful completion of the course, candidate will get an online certificate with the following Grading Scheme:

| Marks Range                                       | Grade | Certificate Type |
|---|-------|------------------|
| 85% and above                                     | S     | Graded           |
| 75-84%  | A     | Graded           |
| 65-74%  | B     | Graded           |
| 55-64%  | C     | Graded           |
| 50-54%  | D     | Graded           |
| <50%  | F     | Participation    |
| Attended the Course but not appear in Examination | N     | Participation    |