[UI Technologies Online Training Course Overview](https://nareshit.com/ui-technologies-online-training/" \l "collapse817696976)

**INTRODUCTION**

* UI Developer roles and Responsibilities
* UX Designer Roles
* Technologies needed
* Power of UI
* Current Market Requirements on UI
* Sample Webpages
* Crawling and Meta Tags

BASICS

* DOM
* Structure of HTML Page
* Mandatory tags in html page (html, head, body)
* What is CSS
* Different ways of applying css for elements, and priority chain of css
* Heading tags(H1…H6), Tags and attributes(Class, Id, style..etc)
* Inline and blocklevel elements

MORE TAGS IN HTML

* Including External Page Links In A Page Using Anchor Tags And Its Properties
* Working With Row And Column Data Using Table Tags
* Hiding And Unhiding Elements Using Display Property
* Img tag, p tag, ul and ol tags, li, nobr, hr, br etc Layouts, forms, buttons
* Input Fields (Textbox, Radiobutton, Checkbox, Dropdown, Textarea Etc)

MORE CSS PROPERTIES

* Adding borders, font, pseudo classes, Positioning elements (absolute, relative, fixed and static)
* Image spriting
* Boxmodel (margins, padding)
* Floating elements (float left, right etc.)
* Including External Resources
* Absolute And Relative Paths
* Including External Resources Like Css, Images Etc

FORM ELEMENTS

* Get & Post
* Validating input values in a form
* Form Action and Type

JAVASCRIPT

* Introduction
* Data types and data structures in JS
* Control structures, if, ifelse, while, for, switch case statements
* Dynamic creation and maniplation of dom elements using JS
* Adding dynamic event listerners to dom elements
* Event capturing and event bubbling
* Validations using key char codes

JAVASCRIPT SUPPORTED DATA STRUCTURES

* Arrays
* Predefined Methods In Arrays
* Strings And Predefined Methods
* Objects
* JSON

ADVANCED JAVASCRIPT

* Prototyping in JavaScript
* Closures in JavaScript
* Inheritance in JavaScript
* Adding methods for an object

JQUERY FRAMEWORK

* Onload And Onready Diffrence
* Jquery Selectors
* Multiple Ways Of Refering Dom Elements Using
* Jquery Selectors
* Jquery Methods
* Adding Dynamic Properties For Dom Elements
* Toggleing Elements
* Creating Dynamic Elements Using Jquery

JQUERY TRAVERSING METHODS

* Finding Elements Using Jquery Techniques
* Filtering Elements

EVENTS USING JQUERY

* Binding Events
* Dynamic Binding
* List of events been supported in Jquery (blur, change, click, dbclick….etc)

AJAX

* Advantages with Ajax and its limitations
* Samples working with Ajax
* Different data formats used in Ajax (string, xml, Json, etc)
* Xml And Json Difference
* Crossdomain interactions using JSONP

JQUERY TINPLATING

* Loading DOM Dynamically Using Jquery Templates
* Loading Templates Using AJAX

HTML5

* Difference between HTML5 and HTML 4
* Media tags (audio and video tags)
* Graphics using Canvas tag
* Drag and Drop features
* Working on locations lat and lng using Geolocation
* Storing user Preferences using Local Storage
* List of Browsers support HTML5 Doctype

CSS 3

* Difference between CSS2 and CSS3
* Adding Borders and Backgrounds
* Advanced Text Effects(Shadow)
* 2D and 3D Transformations
* Adding Transitions To Elements
* Adding Animations To Text and Elements