



IT EDUCATION
CENTRE

WEB DEVELOPMENT



Web Development

- ▶ Introduction to HTML and HTML 5
- ▶ Difference between HTML and HTML 5
- ▶ What is HTML 5?
- ▶ HTML Tags
- ▶ HTML Attributes
- ▶ HTML Heading, Paragraph, Anchor, Image, Table, Lists
- ▶ HTML Form
- ▶ HTML Classes
- ▶ HTML File Path
- ▶ HTML Layouts & Its Techniques
- ▶ HTML Responsive
- ▶ HTML Symbols
- ▶ HTML 5 Tags list –article, aside, audio, bdi, canvas, data, datalist, details, dialog, figcaption, figure, footer, header, main, mark, menuitem, nav, progress, section, summary, time, video.
- ▶ HTML API

CSS 3

- ▶ **Introduction to CSS**
- ▶ **What is CSS?**
- ▶ **CSS Syntax**
- ▶ **CSS Selector**
- ▶ **How to add CSS?**
- ▶ **CSS Properties**
- ▶ **CSS Advance**
- ▶ **CSS Animation**
- ▶ **CSS radienradients**
- ▶ **CSS translate**
- ▶ **CSS z-index**
- ▶ **CSS Loader**
- ▶ **CSS Transition**
- ▶ **CSS Tooltip**
- ▶ **CSS Flexbox**
- ▶ **CSS Flex Properties**
- ▶ **CSS User Interface**
- ▶ **CSS Flex Properties**
- ▶ **CSS Design – Grid, Layout, Table, Box Model**

Java Script

- ▶ **Introduction to HTML and HTML 5**
- ▶ **What is JavaScript?**
- ▶ **JavaScript Techniques**
- ▶ **JavaScript Basics – Comment, Variable, Data types, Operator, Conditional Statement, Looping statement, Function**
- ▶ **JavaScript Object– Object, Math, Date, Array, String, Number, Boolean**
- ▶ **JavaScript DOM & BOM**
- ▶ **JavaScript OOP**
- ▶ **JavaScript Validation**
- ▶ **JavaScript Cookies**
- ▶ **Exception Handling**

Advance Java Script

- **JavaScript Advance–Typed Array, Set, Map, Redirect, Scroll, Scope, Sleep, Form.**
- **JavaScript JSON**
- **JavaScript RegEx**
- **JavaScript Symbol**
- **JavaScript Web API**
- **JavaScript Ajax**
- **JavaScript Graphics**
- **Bootstrap version difference**
- **Promises–Async , Await**

Bootstrap

- ▶ **Introduction to Bootstrap**
- ▶ **Bootstrap version difference**
- ▶ **What is Bootstrap?**
- ▶ **Bootstrap container**
- ▶ **Bootstrap Examples on Button, Grid, Jumbotron, Table, Form, Alert, Wells, Label, Panels, Pagination, Pager, Image, Glyphicon, Progress Bar, List Group, Dropdown, Collapse**
- ▶ **Bootstrap Advance**
- ▶ **Tabs/Pills**
- ▶ **Navbar**
- ▶ **Input type**
- ▶ **Modals**
- ▶ **Popover**

AJAX

- **Introduction to Ajax**
- **XML Http Request Methods and Properties**
- **JavaScript code for Ajax**
- **Using Ajax for tabbed based interfaces, pagination, RSS display boxes, external page inclusion and interstitial content boxes**
- **Implementing Ajax techniques with a server scripting language**
- **Introduction to Ajax toolkits for rapid development**
- **Final project coding**

Jquery

- **Introduction to JQuery**
- **What is JQuery?**
- **History**
- **Selectors**
- **JQuery Effects**
- **JQuery with HTML/CSS**
- **JQuery Form**
- **JQuery Events**
- **JQuery AJAX method**
- **JQuery Examples**

Angular JS (Overview)

- **1 Introduction to Angular**
- **2 Desktop applications**
- **3 Native applications**
- **4 Progressive web applications**
- **5 Extension of HTML with new attributes.**

Github

- **Introduction to Git**
- **Installation and setup**
- **Working with remote repositories**
- **Branching and Merging in Git**
- **Git workflows**
- **Git plugins with IDE**