

Advanced PHP



Bootstrap, JavaScript, JQuery plug-in, Ajax, xml, Json, Mysql, Core php, CodeIgniter Framework, Project work

Module-I Bootstrap:

Introduction-Introduction To Bootstrap• What To Expect• The Site Build Plan• How To Access Your Working Files,The Grid System- Using Containers• Coding Rows And Columns In HTML, The Grid, Controlling The Grid Across Devices,Column Offsets, Using Nested Columns, Column Ordering,Responsive Helpers- Responsive Images, Responsive Utility Classes,Media Queries and Breakpoints,Site Structure- Building A NavBar, Fixing The NavBar To The Top Of The Browser, NavBar Dropdowns, Building the Intro Section, Building The Marketing Panel,Button Options, Building The Info Panel, Block Quote, Togglable Tabs, Glyphicons,Building The Footer, Using Custom Typography,The Home Page-Image Carousel, Carousel Navigation,Four Column Grid,The Blog Page- Setting up the grid structure, Adding the blog entries,Pagination Component,Search Box Inline Form, Using List,Groups, Media Component,The Clients Page- Setting The Grid, Thumbnails, Tooltips, Collapse Panels•The Contact Page- Setting The Grid• Adding a Google Map• Horizontal Forms• Modals• Building The Sidebar•Customizing Bootstrap- Customizing The Download•Customizing Colours• Starter Templates

Module-II JavaScript

Introduction What is Java Script• Java "vs." JavaScript• JavaScript Comments• JavaScript into an HTML page• External JavaScript• JavaScript Variables • JavaScript Operators•JavaScript Decision Making & branching Alert Box• Confirm Box• Prompt Box•JavaScript Functions

Module-III JQuery plug-in

JQuery-Overview JQuery-Basics• JQuery-Selectors•JQuery-Effects
JQuery-PluggingModule-III

AJAX

- Introduction to Ajax•XML HTTP Request• XHR Object •XHR Response •XHR Ready State• Fetching text from source•Ajax polls •AJAX PHP •Ajax Database

XML

- CSS style sheets•XML• XML Schema and DTD document definitions•XSLT transformations and programming•other XML related standards like XHTML• and DOM interface

JSON

- JSON Intro•JSON Syntax•JSON HowTo•JSON Http•JSON Files•JSON vs XML

Module-IV Mysql

Introduction to MySQL Creating MYSQL Connection• Relational Database Normalization• Creating Database• & Tables MySQL Queries• Stoning• & Manipulating Data Data types in SQL• MySQL select• Use Where• Use wildcards• Use the IS NULL and IS NOT NULL keywords• Use the ORDER BY clause• Use the TOP keyword• Use the DISTINCT keyword• Use aggregate functions in queries• Group result set • Creating database Viewing database• Deleting database• Renaming database• Create tables• Insert rows into tables• Delete tables• Altering tables• Maintain data in a table by using• INSERT statement• UPDATE statement• DELETE statement• Local to Live server connectivity• backup of database etc

Module-V Core PHP Programming

PHP Introduction PHP Basic • How to install PHP• Basic Syntax of PHP• PHP Variables &Data Type•PHP \$Get Method •PHP \$ Post Method• Server Method •Request Method• File Upload• Form Action• Accessing database •Manipulating database• create a file • File Read• File Delete •File Copy

•File Move• Directory Create Delete• Include() and Require() •State Management Functions• Class Definition• Objects Class Constructor• Class Inheritance• Abstract Class Destructors• Interface extends• File Handling final class• Properties set &get •static properties• Cookies Session Management

Module-VI CodeIgniter Framework deignitermework

Initial Setup and Configuration- Config Class• Database Config• Explanation of MVC Architecture•First CI Application- Loader Class• Libraries• Creating Static Pages• Creating First Controller• Model & View•CodeIgniter URLs• URI Routing- Passing Parameters in URLs• URI Class•Reserved Names• Auto Loading Functions• Form Handling- Input Class• Form Validation Class• File Uploading Class• Page Redirection•Helper Functions- Cookie Helper• Date Helper• Download Helper• URL Helper•Database- Database Configuration• Connecting to a Database• Running Queries• Generating Query Results• Query Helper Functions• Field Data•Active Record Class- Selecting Data• Inserting Data• Updating Data• Deleting Data• Method Chaining•Session handling- Session Class.

Module-VII

Project Work