

# ADVANCED PHP



Bootstrap, JavaScript, jQuery, Ajax, Json, MySQL, Core php, CodeIgniter Framework, WordPress, Project work

## Module-I HTML+DHTML+CSS +Bootstrap:

Basics of HTML Basic Text: paragraphs, line breaks, headings, strong and emphasized text. Changing the font size, family, and colour. Information about using colour in Web Design and adding in special characters to your pages. Lists: numbered lists, bulleted lists, and definition lists. Images: using graphics on Web pages, adding photos, making them small. FormControl Links: creating and using links. image maps and how to create them. Tables: the basics of XHTML tables and how to create them on your Web site. Frames: what they are and how to build a framed Web page. Forms: adding interactivity to your Web pages. Working with Cascading Style sheets

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, PaginationComponent, 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+ JQuery

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

jQuery plug-in jQuery-Overview jQuery-Basics• JQuery-Selectors•JQuery-Effects•JQuery-Plugging Module-III AJAX ? Introduction to Ajax HTTP Request• XHR Object •XHR Response •XHR Ready State• Fetching text from source Ajax polls •AJAX PHP •Ajax Database XML ? CSS style sheets• XML Schema and DTD document definitions•XSLT transformations and programming other XML related standards like XHTML• and DOM interface JSON ? JSON Intro•JSONSyntax•JSONHowTo•JSONHttp•JSONFiles•JSON vs XML

## Module-III 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-IV Core PHP Programming

PHP Introduction PHP Basic • How to install PHP• Basic Syntax of PHP•  
PHP Variables &Data Type•String Handling in PHP,MathFunctions,Date Time  
Function,UtilityFunction,PHPOperators,Decision Making & branching in PHP,PHP  
Arrays,PHPFunction,PHPForms,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,Header function

## Module-V CodeIgniter Framework

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•HelperFunctionsCookie Helper• Date Helper• Download Helper• URL  
Helper•DatabaseDatabase 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 VI

Content Management System Students can pick any CMS in this training -  
Wordpress, Joomla

## Module-VII Project Work