

PG Diploma in WEB DEVELOPMENT



About QuickXpert Infotech

QuickXpert Infotech provides professional training on some of the most updated, industry-designed certification & job oriented training programs to both students & corporate from experts in both classroom & online training format. Our wide range of courses blended by our placement assistance process have helped our students from both IT & non IT fields to make career in IT Industry.

Overall 30+ Courses - 700+ Companies - 1000s Trained !

Courses Offered - SAP modules, JAVA, Dot Net, Software Testing, Web Development, Oracle, Digital Marketing, Python, Data Science & A.I., Salesforce, Tableau, Power BI, Android, Hybrid Apps, R, Hadoop etc. please visit website for details.

Our Live Projects - BiodataKing, TeriMeriChoice, theVibrantBirdie etc.

About The Course

This course deals with Website Development both Static Responsive & Dynamic Responsive Websites. Static websites are typically used to display contents like our quickxpert infotech's website with basic header footer and inquiry page but must be responsive. Where as Dynamic Websites provides multiple functionalities like form processing, image processing, database integration etc. .e.g. our website BiodataKing.com or TeriMeriChoice.com. Finally deploy your website / project on internet ! So in this course you will learn how to develop both static and dynamic responsive websites with project deployment on internet **to become a Full Stack Developer !**

Who Can Learn ?

Students or Candidates from either IT or non IT background looking to make their career in Web Development.

Any Prerequisites?

None ! We will teach you right from Scratch. Hence anyone can learn.

Duration

6 months

Enroll in our PG Program > Get FLOODED With Job Opportunities !

Free Demo / Free Lecture / Customized Training Program Available.

Tools You Will Learn

VS Code



HTML



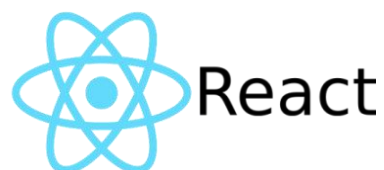
CSS



JS

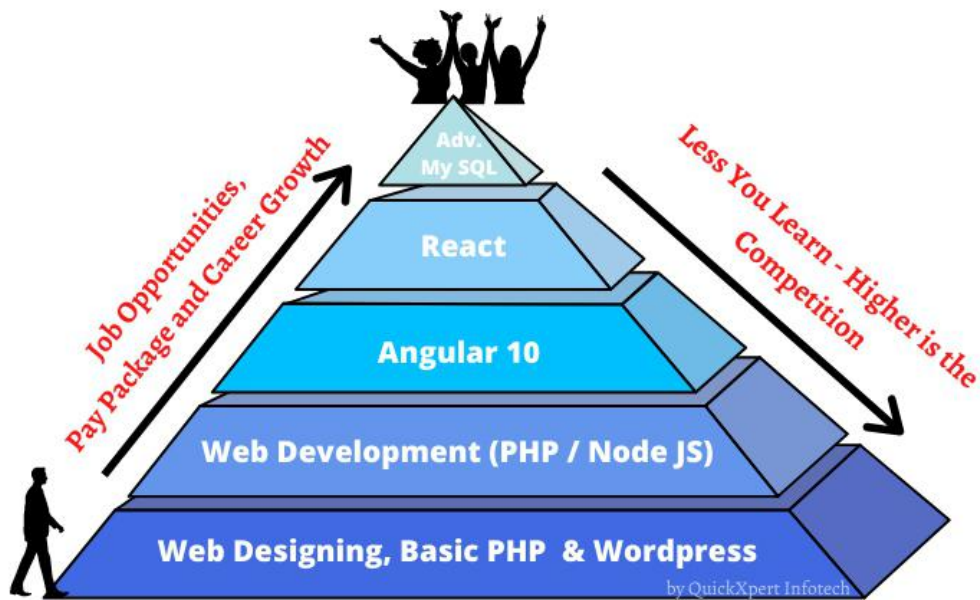


Bootstrap



Web Developer Job Opportunities

❖ As per Latest Industry & Job Trends. Can Check on Naukri.com



About Our PG Program

Course Breakup

- ❖ **Web Designing** + Wordpress - 1.5 to 2 months
- ❖ **Web Development**
 - **Track 1** - on PHP, PHP Advanced & MySQL + Adv. APIs + Project - 1 to 1.5 months
 - **Track 2** - on Node.js, Express.js & MySQL + Project - 1 to 1.5 months
- ❖ **Full Stack Web Developer** - any 1 track - 3 months
- ❖ **React** - 3 weeks
- ❖ **Angular 10** - 1 month
- ❖ **Advanced MySQL** - 1 to 1.5 months
- ❖ **PG Diploma** - All Above on (Track 1 / Track 2) - 6 months
- ❖ **OR** Create your own package

Web Designing

❖ Learn

- HTML & HTML5
- CSS & CSS 3
- Media Query
- Javascript
- JQuery
- Twitter Bootstrap Framework
- Responsive Website Designing
- On Page SEO Techniques
- PHP Static Websites
- Website Hosting on Internet

❖ Web Design Overview

- About Responsive Website Designing

❖ HTML & HTML 5

- Table
- Types of Lists
- Forms
- Head tag & Meta tag
- Layout
- Classes and ID
- Div Tags
- Section Tags
- HTML 5 new element
- HTML 5 Validations

❖ On-page SEO Techniques

- Meta Tags - Title, Description, tags etc.
- Header Tags - H1, H2, H3, H4, H5 etc.

❖ CSS & CSS3

- Basics
- Background Image & Colors
- Selectors
- Declaration & Types
- Fonts & Text Properties
- Text Shadow, Gradients etc.
- Overflow & Display Properties etc.
- Effects - Border Radius, Box Shadow etc
- Box Model - Border, Margin etc
- Units in css
- Positions - Static, Absolute, Relative, Fixed, Sticky etc
- Transforms - 2d & 3d Effects
- Transitions - Color Effects
- Animations
- Menu & Navigation Bar
- Chrome's Inspect Element for Desktop & Mobile for Runtime CSS Manipulations

❖ SASS OR SCSS

- Introduction
- Installation
- Variables
- Nesting
- Import
- Mixin
- Extends
- Functions

❖ CSS Media Query

- Overview
- Creating CSS Media Query Files
- Device Width wise CSS Programming

❖ JavaScript

- Basics
- Variables, Operators, Data Types etc
- Control Structures - If-Else, while, Do while, For Loops
- Logic Building Sessions
- Creating Functions
- Inbuilt Functions - Dates, Strings, Numerics etc
- Arrays
- Objects
- Events
- Regular Expressions
- HTML DOM
- Alert box etc

❖ jQuery

- Basics
- Effects
- DOM Parsing
- Form Validations
- Events
- functions
- Creating Images
- Dynamic CSS Programming
- Hide and show element etc

❖ Bootstrap

- Basics
- Grid system
- Tables
- Images & Buttons
- Font Awesome & Glyphy Icons
- Pagination
- Forms
- Menu & Navigation Bar
- Carousel Plugin
- Bootstrap Modals - (pop ups)
- Creating Responsive Websites in Bootstrap

❖ PHP Responsive Websites

- Installing XAMPP
- Creating Responsive Websites on PHP

❖ CANVA (Image Processing)

- To Create Professional Images for Website
- Industry Leader tool for Creating Images for Websites and Google/FB ADs
- Setup Your account
- Creating images on Canva
- Pexels

❖ Project

Track 1 : Web Development on PHP

❖ Technologies :: PHP, MySQL, React & WordPress

❖ XAMPP Server Configuration

- XAMPP Server Setup
- Configuring PHP & MySQL Admin

❖ PHP

- Basics
- Variables, Constants etc
- Control Structures
 - If Else
 - Do While
 - While loops
 - For Loops
 - For Each Loops etc.
- Functions
- Arrays
- Logic Building
- PHP Forms - Get & Post

- Global Variables
- Validation
- Required
- Date & Time

❖ PHP Advanced

- File Includes
- Headers & Footers Implementation
- **Creating Mini Project**
 - Integrate Website designed in Web Designing Course with PHP
 - Implementing Common Headers & Footers in Website Using PHP
 - Integrate CSS, Javascript, JQuery etc with PHP
 - Integrating Google APIs etc.
- PHP File Handling
- Image & File Upload
- Sessions
- Cookies
- Error & Exception Handling - Try - Catch Block
- Creating Functions & Routines

❖ PHP OOPs

- Classes
- Objects
- OOPs Concepts
- Methods etc.

❖ Creating Web Development Project

- Using Session and all Above Concepts

❖ PHP MySQL

- Using PHPMysqlAdmin
- MySQL Configuration
- CRUD Operations
 - Create
 - Drop
 - Select
 - Insert
 - Update

- Delete etc
- Integrating MySQL & PHP
- Data Display on PHP Forms
- CRUD Operations using PHP Forms
- Building a Application using PHP MySQL

❖ **AJAX & JSON**

- Overview
- Ajax JSON Integration
- Select & DML Operations using AJAX JSON with MySQL
- Display data from JSON on Form

❖ **Google APIs**

- How to use Below :
- Registering with Google
- Creating Google Project
- Creating API Keys
- How to integrate Below:
- Google MAPs Locator
- Google Captcha
- Google Places API

❖ **Send Mail from PHP**

❖ **PHP Restful API**

- Creation
- Usage with Ajax

❖ **Wordpress**

- Installing Wordpress
- Configuring Wordpress
- Creating Categories
- Creating Forms/Blogs
- Deployment

❖ **Live Project**

Track 2 : Web Development on Node.js

❖ **Technologies** :: Node.js, Express.js, MySQL & Read (MERN Stack)

❖ **Node.js**

- Introduction to Node.js
- Setup Dev Environment
- REPL Terminal
- Node.js Modules
- Node Package Manager
- Creating Web server
- File System
- Debugging Node.js Application
- Events

❖ **Express.js**

- Introduction to Express.js
- Routing
- Sending HTML & JSON data as response
- Middleware in Express.js
- Template Engine
- Customizing the View
- Using Partial
- Express + API

❖ **Live Project**

React

❖ **React.js** (1 of Industry Leaders JavaScript Framework for WebApp Views)

- Why use ReactJs
- Download & Install VS Code IDE for React
- Folder Structure
- Modal Javascript
- JSX Syntax
- SASS or SCSS
- Module Import Export
- Create Reusable Components
- Props
- React Developer Tools Debug
- Hooks (useState, useEffect, useParams, useLocation, etc)
- Memorize for performance boost
- Working with Forms
- NPM
- Adding Bootstrap and Material UI
- Call Rest API in React and CRUD operations
- React with Backend (php or Node.js)
- React Router
- Project

Angular 10

❖ **Angular 10** (1 of Industry Leaders Client side Structural Framework based on Typescript & MVC programming to build Dynamic Web Apps)

- Angular CLI
- Installing Angular 10 using Node.js
- Typescript programming
 - Variables & Constants
 - Classes & Objects
 - Interface
 - Inbuilt functions
 - User defined functions
 - Conditional statements

- Printing in console
- Angular components and modules
- Form designing in Angular
- Angular CSS syntax
- Angular template syntax and data binding: Interpolation and Event binding
- Angular Pipes
- Angular Directives
- Angular Services
- Angular HttpClient
- Angular Routing
- Angular Material
- Using Bootstrap with Angular
- CRUD Operations & Integrating RESTful Web Services - covered in Track 1 - Angular with PHP and MySQL
- CRUD Operations & Integrating RESTful Web Services - covered in Track 2 - Angular with Node.js
- **Project**

Adv. MySQL Syllabus

❖ Installation & Configuration (covered in PHP / Node.js)

❖ Using Professional Tool - MySQL Workbench

❖ Create Database

❖ Create Database Objects

- Create Tables
- Implementing Foreign Keys
- Using Auto Increment
- Indexes & Index Types

❖ Constraints

- Foreign Keys & index
- Primary key & index
- Unique key & index

- Not null constraint

❖ DML Operations

- Insert
- Update
- Delete

❖ Select Queries

- Basic Queries
- Using AND & OR conditions
- Using in, between, distinct and like keywords
- Sorting in ascending and descending order

❖ Functions

- Trim
- Uppercase
- Lowercase
- LengthPosition
- Left
- Ifnul
- Substring
- Substringindex
- Date
- Numbers
- Convert
- Cast etc.

❖ Groups

- Understanding Grouping Columns Usage - Dos & Don'ts
- Grouping Functions : Min, Max, Sum, Average, Count, Distinct Count
- Using Having Clause
- Filtering on grouping functions
- Multi column groups

❖ Joins

- Creating Foreign Keys and use them in Joins
- Inner Join or Natural Join
- Left Outer Join
- Right Outer Join
- Full Outer Joins
- Complex Join Queries etc

❖ Views & Inline Views

❖ Subquery

❖ Create Complex Queries

- Using Joins, Groups, Views & Subquery all together
- Creating tables using queries
- Inserting, Update & Delete using Select Queries

❖ Procedures

- Programming in Procedures
 - If..elseif...else
 - while
 - For loops
- IN & OUT parameters
- Integrating SQL with Procedures
- Using Grouping & Joins in Procedures
- Returning Select Query Output from Procedures
- Conditional Select & Query Output from Procedures
- Condition Updates / Inserts / Deletes
- Using Temporary Tables
- Creating Dynamic & Runtime Queries in Procedures & Usage etc.

❖ Cursors

❖ Functions

- Programming in Functions
 - If..elseif...else
 - while
 - For loops
- IN & Return parameters
- Basic and Advanced Functions with and without SQL Queries

❖ Triggers

- Trigger Concept
- Before & After Triggers
- Usage

❖ Data Export & Import

❖ Using MySQL Routines in PHP / Node.js Application

GitHub (Free)

- Registering with GitHub
- Deploying Application on GitHub & Using Github for version control

Deploy Application on Server (Free)

- Steps to Register with Internet Service Provider (ISP)
- Configure & Deploy application on the Server
- Show application in your interviews and mark an impression on interviewer !

Interview Preparation

- Throughout training program + At the end Mock Interviews
- Resume Preparation

HR Introduction & Placement Process

- Introduction to HR
- To Save Time, Placement Process will start from 4th / 5th month to help you quickly land in IT Jobs even while you are Learning !
- Simple Equation :: More You Learn (Related Technologies) >> Less Competition >> Be Unique >> Help in Quick Jobs
- Hence Our PG program is designed as per industry trends. Check Both on Naukri Portal or Pyramid Diagram in the PDF.

Other Benefits

- ❖ **Training from Experts**
- ❖ **Installments Available**
- ❖ **Job Oriented Course**
- ❖ **80% Practicals** - Learn from Scratch
- ❖ **Professional Notes & Study Material Provided**
- ❖ **Certification Course**
 - You will get Course Completion ISO Certificate from our Institute
- ❖ **Live Projects / Case Studies Covered**
- ❖ **Dedicated Placement Team**
- ❖ **100% Job Opportunity**
 - Check Recent Placed Students on Site / our FB Page / our Google Page
- ❖ **Personal Mentorship**
 - Limited Seats per batch for Personal Mentorship
- ❖ **Friendly Environment with Professional Grooming**
- ❖ **Interview Preparation & Mock Interviews**
- ❖ **Resume Building etc.**

Please visit site for more info or reach us

Note : Enroll in our PG Program > Get *FLOODED* With Job Opportunities !

Our 5 Steps Process for Success



Contact Us

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Inquire Now !

