

PYTHON Fullstack Development Syllabus

DURATION – 6 MONTHS

MODE OF TRAINING – OFFLINE/ONLINE



HTML Syllabus



- **Introduction to HTML**
- **HTML Tags and Elements**
- **HTML –Attributes**
- **HTML -Formatting**
- **HTML –Phrase Tags**
- **HTML - Metatags**
- **HTML –Comments**
- **HTML-Image tags**
- **HTMLTables**
- **HTML –Lists**
- **HTML -Iframes**
- **HTML –Blocks**
- **HTML –Backgrounds**
- **HTML -Colors,Fonts**



HTML5 Syllabus



- Understanding Web Concepts & Terminologies
- HTML -Forms
- New Feature in HTML5
- HTML Content / Media Tags
- HTML5 Semantic Tags
- Media Queries
- Project-1 static website





CSS Syllabus



- **Introduction with CSS**
- **The STYLE Element**
- **Measurement Units**
- **Colors,Backgrounds**
- **Fonts,texts,images**
- **Tables**
- **Borders**
- **Margins**
- **Paddings**



Activate Windows



CSS 3 - Syllabus



- **Introduction with CSS3**
- **Rounded Corners**
- **Border Image**
- **Shadow**
- **2dTransforms**
- **3dTransforms**
- **Animation**
- **User Interface**



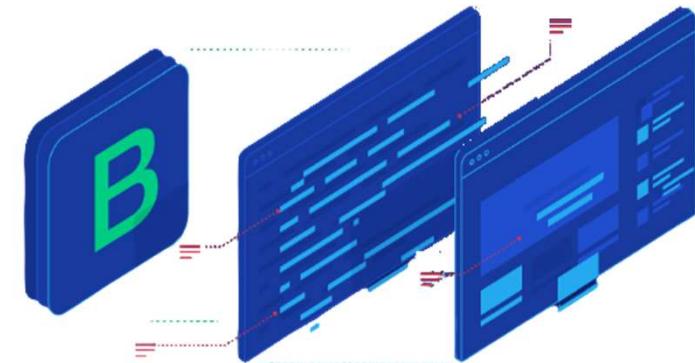


BOOTSTRAP 4 Syllabus



BOOTSTRAP 4

- Installation Of Bootstrap 4
- Bootstrap Forms
- Bootstrap Containers
- Bootstrap Colors
- Bootstrap Buttons
- Bootstrap Cards
- Bootstrap Dropdowns
- Bootstrap Navbar
- Bootstrap Carousel
- Bootstrap Components
- Bootstrap Grid System
- Responsive Website Development

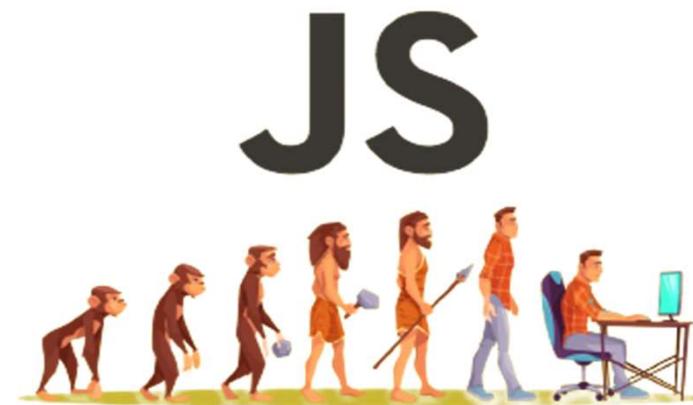




Java Script Syllabus



- **Variables, Operators**
- **Control structure**
- **Function**
- **Events**
- **Dynamic Program**
- **Strings Object And Arrays Object**
- **Date Object And RegExpObject**
- **Math Object**
- **JavaScript -Document Object Model or DOM**





Advance Java Script Syllabus



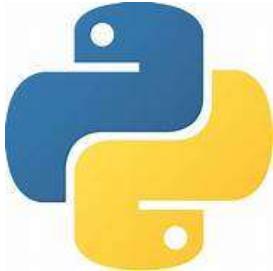
- **Errors & Exceptions Handling**
- **Form Validation**
- **Animation**
- **Multimedia**
- **Debugging**
- **Image Map**
- **Browsers Compatibility**



JQuery Syllabus



- **jQuery Intro**
- **jQuery Syntax**
- **jQuery Selectors**
- **jQuery Effects**
Hide/Show,Fade, Slide ,Animate,stop() ,Callback, Chaining
- **jQuery Get & Set**
- **jQuery Add jQuery & Remove**
- **jQuery CSS Classes & css(),Dimensions**
- **jQuery Traversing**
- **jQuery Traversing, Ancestors, Descendants, Siblings, Filtering**
- **jQuery AJAX**
- **1 Template website**



Python Syllabus



- An Introduction to Python
- Beginning Python Basics
- Control Statement
- Functions & Modules
- Arrays
- Strings
- Exception Handling
- Class & Object
- Inheritance
- Interface & Abstraction
- Polymorphism
- File Handling
- Writing GUIs in Python (Tkinter)
- Regular Expression
- Data Structure
- Collections
- Python SQL Database Access
- Regular Expression
- Date and Time
- Thread Essential
- Accessing API essential
- 2 Web based application



Django Framework Syllabus

- Django Overview
- Django Installation
- Creating a Project
- Usage of Project in depth Discussion
- Creating an Application
- Understanding Folder Structure
- Creating a Hello World Page
- Database and Views
- Static Files and Forms
- API and Security
- **Project on Web based Application using Django**



SQL Syllabus



- MySQL Server installation
- Introduction to Basic Database Concepts
- Introduction to SQL Server
- DDL and DML Statements
- Working with Constraints
- Working with Queries (DQL)
- Joins and Set Operations
- Implementing Views
- Working with Stored Procedures and Functions
- Cover 400+ queries

Aptitude Syllabus

Quantitative Aptitude

- Average
- Percentage
- Profit and Loss
- Simple Interest
- Compound Interest
- Ratio Proportion
- Time and Work
- Time
- Speed
- Distance Number
- System
- Permutation and Combination
- Probability
- Data Interpretation

Logical Reasoning

- Blood Relation
- Direction sense
- Coding and decoding
- Clocks and Calendar
- Cubes and Dices
- Seating arrangement
- Syllogism
- Data sufficiency
- Puzzles
- Miscellaneous



Softskill Syllabus



- Setting the tone
- Introduction of Be Employable
- Competency Matrix
- Effective Communication
- Presentation skills
- Business Communication
- Attitude + Motivation
- Emotional Intelligence
- Leadership
- Create CV/Resume
- Group Discussion
- Mock Group Discussion
- PI practice
- Virtual Interview
- Industry Knowhow and future, Certifications and action plan



Key Feature

-
- Trainer with 12+ Years of Experience
 - 200 hours of high-quality course
 - Best Quality Training
 - Live Project Experience
 - Demo Lectures are available
 - In-depth Course Contents
 - 100 % Placement Assistance
 - Internship support



Orange Itech Offer You





THANK YOU

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