

# PHP++

## 1. Object Oriented PHP

- Understanding Object Oriented Concepts
- Classes , Object and Operations
- Class attribute
- Understanding Advance and New Object Oriented Functionality
- Using Pre-Class Constant
- Class Method Invocation
- Access Modifier
- Static Method
- Type hinting
- Object Cloning
- Abstract Class
- Final Keyword
- Inheritance
- Implementing Inheritance
- Implementing Iterators and Iterations
- Magic functions with PHP
- Exception handling concepts
- Exception control Structures
- The exception Class
- User defined Exception

## 2. Ajax:Asynchronous Javascript and XML

- Ajax
- Web Application
- W3C Document Object Model
- Pre and Post Ajax
- Ajax in real world
- Alternatives to Ajax

## 3. Ajax with CSS

- Create a form using Ajax with CSS
- Form handling using Ajax and CSS

## 4. Javascript

- JavaScript and their use
- Primitive Data Type and reference type
- Boolean Values
- Definition and function call
- Objects
- Expressions
- Document Object Model

- HTML and XML DOM Node
- Element
- Accessing Elements Mode
- Properties of Element
- Creating a new node

## **5. XMLHTTPREQUEST OBJECT**

- Create a XMLHttpRequest Request Object
- XMLHttpRequest Request Object Properties and events
- XMLHttpRequest Request Object Methods
- Sending a request
- Processing a Request

## **6. Shopping Cart**

- Creating a shopping System
- Database Design
- Creating a storefront , viewing product details

## **7. Payment Gateways Graphics in PHP**

- How to Integrate Payment Gateways Graphics with PHP
- Different types of Payment Gateways
- Sample Coding for Payment Gateways Graphics in PHP

## **8. Creating a Product Catalog**

- Modifying a Record
- Deleting a Record