

# **COURSE- PHP++**

## **Unit 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

## **Unit 2:Ajax:Asynchronous Javascript and XML**

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

## **Unit 3: Ajax with CSS**

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

## **Unit 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

### **Unit 5:XMLHTTPREQUEST OBJECT**

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

### **Unit 6 :Shopping Cart**

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

### **Unit 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

### **Unit 8 : Creating a Product Catalog**

- Modifying a Record
- Deleting a Record