



Syllabus for Core PHP

➤ Introduction to Web Development with PHP

- The architecture of a web application
- Installation of apache server, PHP, Mysql

➤ Why we learn PHP while we have ASP and JSP

- Difference between PHP and other web development language

➤ How to code a PHP application

- Basic PHP skills
- How to get data from a request
- How to work with data
- How to code control statements
- How to use the
- PHP documentation

➤ Introduction to relational database with MySQL

- An introduction to relational database
- The SQL statements for data manipulation
- An introduction to MySQL
- How to use PHP MyAdmin

➤ How to use PHP with a MySQL database

- PHP for working with MySQL
- How to get data from a result set
- The Product Viewer application
- The Product Manager application

➤ How to work with form data

- How to get data from a form
- How to display data on a web page
- How to code control statements
- How to code conditional expressions
- How to code the selection structures
- How to code the iteration structures

➤ How to work with strings and numbers PHP Developer

- How to work with strings



- How to work with numbers
- Other skills for working with string and number

➤ **How to work with dates**

- How to use timestamps to work with dates
- How to use objects to work with date

➤ **How to create and use arrays**

- How to create and use an array
- How to create and use an associative array
- How to create and use indexing array(2D)
- How to create and use multidimensionalArray(3D)
- How to use functions to work with arrays
- How to work with array of arrays
- The Task List Manager application

➤ **How to work with cookies and sessions**

- How to work with cookies
- How to work with sessions The Shopping Cart application

➤ **How to create and use functions**

- Basic skills for working with functions
- How to create and use namespaces
- Advanced skills for working with functions

➤ **How to create and use objects**

- How to create and use classes
- How to code class constants, properties, and methods
- The object-oriented Product Manager application
- Additional skills for working with objects
- How to work with inheritance

➤ **How to use regular expressions, handle exceptions, and validate data**

- How to use regular expressions
- How to handle exceptions
- The Registration application

➤ **How to design a database**

- How to design a data structure



- How to normalize a data structure
- A database design tool
- **How to use SQL to create a MySQL database**
 - How to work with databases
 - How to work with tables PHP Developer
 - How to work with indexes
 - How to work with users and privileges
 - Other skills for creating databases
- **How to use SQL to work with a MySQL database**
 - How to select data from a single table
 - How to select data from multiple tables
 - How to code summary queries
 - How to code sub-queries
 - How to insert, update, and delete rows
 - How to use JOINS
 - How to use INNER JOIN
 - How to use OUTER JOIN
 - How to use LEFT OUTER JOIN
- How to use RIGHT OUTER JOIN
- How to use aggregate functions in MySQL
- **Professional PHP for working with MySQL**
 - Three ways to use PHP to work with MySQL
 - How to work with PDO
 - How to work with Mysql
- **A database-driven web site**
 - How to work with large text columns
- **How to create secure web sites**
 - How to use a secure connection
 - How to use authentication
 - How to work with encrypted data
- **How to send email**
 - How to send email



SOFTCRAYONS TECH SOLUTION (OPC) PVT. LTD.

Plot No. - 693, Sector 14-A, Vasundhara, GZB-201010

Telephone: 0120-4952626, 4262233

Mobile: (+91)-9136366665 , 8545012345

Email: info@softcrayons.com

www.softcrayons.com