



TEERTHANKER MAHAVEER UNIVERSITY

(Established under Govt. of U. P. Act No. 30, 2008)

Delhi Road, Moradabad (U.P)

Phone No.: 0591-2476813

E-Mail: registrar@tmu.ac.in I Website: www.tmu.ac.in

PHP Professional

Objective: PHP is the latest trend in the IT sector and this course is designed to make the students aware of the web development standards and technologies, and to make them ready for developing the web applications with the help of PHP as a language. At the completion of this course the students will be able to attain good job in web development sector. Also by this course they will know, the current web development trend in the IT sector.

Programming with PHP•-Origins of PHP in the open source community, Why we use PHP? Some of PHP's strengths, Some of PHP's main competitors are PERL, In comparison to these, Products, PHP has much strength, Availability across multiple platforms, Installing as module for Apache Web server and Microsoft Internet information server.

PHP language building blocks:-Comparing PHP with other Web scripts language or, technology, PHP delimiters, Variable delimiters, Investigating PHP, data types.

PI-IP scripts:-Storing values in scalar variables, employing arrays, Building Complete scripts incorporating loops and conditional expressions, Operators.

Writing web pages with PHP:-Interacting with the server, Outlining Web Protocols,' Embedding PHP code into HTML pages, employing shortcuts to display single PHP scripts, determining how data is sent from forms to PHP scripts.

Manipulation user input:-Presenting the user With input options via different HTML from elements, Retrieving from data with \$-POST,\$-GET and \$- REQUEST[] arrays, Validating retrieved data, Strategies for handling invalid input, Storing state information using cookies, Tracking user's identification.

Applying Advance Scripting Techniques:-Exploiting the built-in functionality of PHP, Formatting data and time information, Manipulating string data.

Structure PHP Code:-Writing user-defined functions to structure your code, Passing arguments and default values to function, Returning data from function, Accessing global variables, Building code libraries for reusability, Including on-screen PHP scripts with include, include-once, require and require once

Building Complete web Applications managing errors:-Investing the I-HTTP header, Suppressing on-screen error messages on production servers, configuring the php_ini file to control error message.

Handling problematic situations:-Troubleshooting problems when manipulating data, redirecting the browser to other pages, modifying the PHP configuration file to suit your needs, developing debugging strategies

Establishing database connectivity:-Why use MY SQL? Some of MySQL's Strengths, What is RDBMS technology?,SQL and their basics need, Creating and managing database connections, Sending queries to the database server employing most efficient methods, Retrieving query results as associative arrays, Looping through databases, Displaying returned data on Web pages, Avoiding potential problems by managing and backslashes in data, Closing the database connection

String Manipulation and Regular Expression:-Formatting string for presentation, Formatting String for Storage, Joining and Splitting String, Comparing Strings, Matching and replacing substring, pattern matching.

Table of Contents:-Basic Syntax and programming with PHP,PHP delimiters, Creating User Defined Variable, Assigning values to scalar variable, Evaluating Expression, Making decision with if, else and switch, Advance of iteration while, do and for loops, Comments with PHP.



