



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



INFORMATION TECHNOLOGY DIVISION

PROFESSIONAL DEVELOPMENT PROGRAMME

Web Development **Using PHP & MySQL**



18 – 22 Sept 2017



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Introduction

Internet technology has become a dominant factor in business, academia, and everyday life. E-commerce and e-services are fueling a market sea change, with practically any business any place nurturing its equivalent on the Internet. Internet service providers and application service providers have created a revolutionary new model for driving new applications, hardware, and software development. Rich interactive secure web applications have made it possible for the customers to undertake sensitive transactions.

MySQL™ and PHP are two of the most popular open source technologies to emerge during the past decade. PHP is a powerful language for writing server-side Web applications. MySQL is the world's most popular open source database. Together, these two technologies provide you with a powerful platform for building database driven Web applications.

The Engineering Staff College of India (ESCI) has therefore considered to conduct a Training Programme on “Web Designing using PHP & MySQL”. This training help the professionals acquire gives an understanding of technology and applications of the Internet as well as website development, performance and security issues.

Objectives

- To develop applications that are distributed across the network
- To Create a web site using PHP & MySQL.

Course Coverage

- **HTML Basics**
- **PHP Basics**
 - How PHP Works
 - The php.ini File
 - Basic PHP Syntax
 - PHP Tags, Statements and Whitespace
 - Comments, PHP Functions
 - Variables, Superglobals
- **Flow Control**
 - Conditional Processing
 - If Conditions & Loops
 - do...while, for
 - break and continue
- **Arrays**
 - Enumerated Arrays
 - Initializing Arrays
 - Appending to an Array
 - Reading from Arrays
 - Looping through Arrays
 - Associative Arrays
 - Initializing ,Reading, Looping, Associative Arrays
- **PHP and HTML Forms**
- **String Manipulation**
- **Subqueries, Joins and Unions**
- **Inserting, Updating and Deleting Records**
- **Managing Data**
 - Querying a Database
 - MYSQL Overview
 - MYSQL Methods and Properties
 - Inserting and Updating Records
 - MYSQL Prepared Statements
- **PEAR:DB**
 - Advantages and Disadvantages of PEAR DB
 - database abstraction layer?
 - Using PEAR DB
- **Authentication with PHP and SQL**
- **Regular Expressions**
 - Perl-compatible Regular Expression Functions
 - preg_match, preg_replace
 - Regular Expression Tester
 - Regular Expression Syntax
 - Form Validation Functions with Regular Expressions
 - Conclusion
- **Session Control and Cookies**
- **Sending Email with PHP**
- **File System Management**

Training Prerequisites: All PHP and MySQL training attendees must be fluent in HTML.

Methodology

Methodology of the programme includes class room sessions with Hand-on Practical, Lecture / Discussion with audio visual aid, bench marked video shows, chalk & talk sessions, group discussions, case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members.

Target Participants

- Professionals working in the field of software development, Web Administrators, Programmers, Application Developers, Web developers in IT departments.
- IT Managers, Systems Managers, Scientists, Engineers and Consultants working in governmental, defense, public, private sector organizations.
- Professors, Faculty and Technical staff of engineering and MCA colleges who would like to gain knowledge and expertise in web technologies.

Benefits to the participants

After completing this course, the Participant will be able to:

- Understand the internet architecture
- Hands – On experience on Web site development using PHP & MYSQL
- Implement the security procedures on the Internet

Programme Venue, Dates & Timings

Venue: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad. 500032. Telangana, India.

Dates: 18 - 22 Sept, 2017

Timings: On the first day Registration will commence at 09:00 hrs. On all other days the programme timings will be from 09:45 – 17:15 hrs with breaks in between for tea and lunch.

Course Director



Mr. Syed Azgar , MBA(IT), RHCE, MCSA
Faculty & Manager-IT,
Information Technology Division,
Engineering Staff College of India, Hyderabad.

Course Fee

₹ 25,000/- (**Residential Fee**) per participant. Fee includes course material, course kit, twin-sharing / single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks during the actual days of training programme.

DISCOUNTS

- ❖ **Non – Residential Fee** - 10% discount on course fee is allowed for non- residential participants.
- ❖ **Group Discount** - Additional 10% discount for three or more participants if sponsored by the same organization

(All discounts are applicable only if fee is received at ESCI before commencement of the programme)

GST @18% is to be paid extra and above the training fee as training is also brought under the purview of Service Tax in Finance Bill 2010. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994)

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

Registration

Register Online: <http://www.escihyd.org/index.php/it-upcoming-trainings>

To register **manually** please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to :

The Head

Information Technology Division

Engineering Staff College of India

Gachi Bowli, Hyderabad – Telangana 500 032

Phone: 040 – 66304100 (EPABX) 66304123/24/25 (Direct), Fax: 040 - 23000336

Email: it@escihyd.org, web portal: www.escihyd.org

A Certificate of participation will be awarded to each participant on conclusion of the programme.

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available to the participants.