

# WORKSHOP ON WEB DEV

**TITLE : An Introductory workshop on Web Development**

## **ABOUT THE WORKSHOP:**

**IEEE** is conducting a 4 day workshop that'll introduce you with the basics of Web Development. In this workshop we'll be introducing the participants with the basic tools and languages required for web development. The workshop will have the participants build a basic website with a login system and basic front-end elements and host the website on the internet.

## **OUTCOMES:**

- i) Knowledge and Understanding of the following languages
  - HTML
  - CSS
  - PHP
- ii) Building a website with a basic login page and few basic front-end elements.
- iii) A better understanding of web and hosting a website on free hosting services.
- iv) A certificate from the IEEE SBM (for those eligible for the certificate).

## **SOFTWARES:**

(Find them here : [ieeemanipal.com/webworkshop](http://ieeemanipal.com/webworkshop))

- i) XAMPP
- ii) Any text-editor (preferably Sublime Text 3)
- iii) Filezilla

## **COURSE STRUCTURE:**

### **DAY 1:**

- i) Introduction to Web development.
- ii) Familiarizing with the softwares needed for the workshop.
- iii) Introduction to the basics of HTML.
- iv) Working with HTML tags and attributes.
- v) Working with the basics of CSS.

#### DAY 2:

- i) Introduction to working of Web.
- ii) Getting started with PHP.
- iii) Working with syntax of PHP
- iv) Introduction to Post and Get methods.

#### DAY 3:

- i) Using HTML to build the layout for a login form.
- ii) Using CSS to style the layout of the form.
- iii) Introducing the basics of MySQL and creating a Database.
- iv) Using PHP to make a login form connected with the database including proper form validations.

#### DAY 4 (OPTIONAL):

- i) Introduction on how hosting works.
- ii) Hosting the website on the website with your custom domain

#### **NOTE -**

- 1) Certificate will be given based on **your performance** and against a nominal fee of **29/-**.
- 2) Try and make prior arrangement for **internet connection**.
- 3) **Install the softwares** mentioned on the website ([ieeemanipal.com/webworkshop](http://ieeemanipal.com/webworkshop))

For any queries, contact -

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