**Web Design**

**(200 Hours)**

|  |  |  |
| --- | --- | --- |
| |  | | --- | | **Professional**  **Outsourcing**  **Training (POT)** | | **Foundation Training**    **(100**  **Hours**  **)**    **Specialization Training**    **(100**  **Hours**  **)** |

**Core Skill**

**Foundation 75 Hours**

**Training**

**Soft Skill**

**25 Hours**

# Core Skill

1. **PSD to HTML**
2. **WP Installation, Theme and Plugin Installation**
3. **Marketplace Deployment**

# PSD to HTML

1. **HTML, CSS**
2. **JavaScript, jQuery (Basic)**
3. **Adobe Photoshop**
4. **Bootstrap Framework**

# WordPress

1. **WordPress Installation**
2. **Introduction to WP Dashboard**
3. **WP theme and Plugin Installation**
4. **Understand Shortcode, Custom Post type**
5. **Install Premium theme**
6. **Usages all type of Visual Composer**

# Soft Skill

1. **Job Market Orientation**
2. **Introduction Online Marketplace**
3. **English Language Competency**
4. **Personal Skill Development**



**Foundation Training Course Outline : 75 Hours**



**Day 1**



**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**1**

Purpose of the

course & start

learning Web

Design

•

Purpose of the Course

•

Who provide the Course

•

How to overcome

unemployment by acquiring

Technology Skills?

•

Introduction to Internet and

WWW

•

Introduction to Web Design

•

Web Design tools and Editor

•

Introduction to writing code

•

What is Online Resources?

•

What is HTML?

•

How HTML Work (Introduction

to HTML Tags)

•

Exploring an HTML5 document

•

HTML Formatting

•

Nesting

•

Indentation

•

HTML

Doctype

Tag

•

HTML Headings (H1

-

H6)

•

HTML Paragraphs (P)

•

HTML Links (a)

•

HTML Images (

img

)

•

HTML Attributes

•

HTML Lists (

ul

,

ol

,

li

tags) (type

attribute)

**Day 2 & 3**



**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**2**

Learn HTML

•

HTML Tables (table,

tr

,

th

,

td, caption tags) (

colspan

,

rowspan

border attribute)

•

HTML Forms (form, input,

submit,

textarea

tags) (all

attributes)

•

HTML

iframes

•

HTML Meta

•

HTML Scripts

•

HTML Entities

•

HTML Audio

•

HTML Video

•

HTML Object

•

HTML YouTube

•

Review HTML

**3**

Learn CSS

•

CSS Introduction

•

CSS Syntax

•

CSS IDs,

•

CSS Class

•

CSS Divisions

•

CSS Spans

•

CSS Styling

•

Styling Backgrounds

•

Styling Text

•

Styling Fonts

•

Styling Links

•

Styling Lists

•

CSS Anchors

•

CSS Pseudo

•

Styling Tables

**Day 4, 5, 6**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**4**

Learn CSS

•

CSS Border

•

CSS Margin

•

CSS Padding

•

CSS Display

•

CSS Positioning

•

CSS Floating

•

CSS Width and Height

Properties

•

CSS Align

•

CSS Opacity

**5**

Learn CSS

•

CSS Pseudo Elements

•

CSS Media Types

•

Media query

•

CSS Summary

•

XHTML

•

HTML CSS Test

**6**

Bootstrap

Framework

•

What is Bootstrap?

•

How Bootstrap work?

•

Grid system

•

Typography

•

Code

•

Bootstrap Tables

•

Forms

•

Buttons

•

Images

**Day 7, 8, 9**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**7**

Bootstrap

Framework

Responsive utilities

Bootstrap Modals and Usages

•

Dropdown, Tab, Tooltip,

Collapse

**8**

Bootstrap

Framework

•

Carousel,

Navbar

, Multi

-

level Dropdown

Navbar

•

Pagination, Progress bar,

Breadcrumbs, Alerts, List

Group

**9**

Bootstrap

Framework

•

Pagination, Progress bar,

Breadcrumbs, Alerts, List

Group

•

Summarize Bootstrap

**Day 10 & 11**

**Day Unit of 1st Session ( 2 hours) Competency**

**2nd Session ( 2 Hours)**

1. Adobe Photoshop • Introduction to Adobe Photoshop
   * + Importance of Photoshop for Graphic Design
     + Install Adobe Photoshop
     + Installing other required software
     + Prepaid PC for starting Graphic Design
     + Introduction Photoshop

Interface and tools

* + - Elements of Design
    - Elements include - lines, shapes, direction, color, typography, and so on
    - Introduction to Photoshop Canvas, Introduction Photoshop dimension, Pixel and point, Page layout, Canvas Size

1. Adobe Photoshop • What is PSD web Layout?
   * How to slice a PSD file with Photoshop?
   * Header Slicing with Photoshop
   * Body Slicing with Photoshop
   * Footer Slicing with Photoshop

**Day 12, 13, 14**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**12**

PSD to HTML

•

PSD to HTML with

Bootstrap: Header and

Navigation

•

PSD to HTML with Bootstrap:

Body

•

PSD to HTML with Bootstrap:

Sidebar

•

PSD to HTML with Bootstrap:

Footer

**13**

JavaScript

•

Introduction to JavaScript

•

How to Write JS,

Statements

•

Types of Data, Variables

•

Arrays

•

Manipulating Arrays

•

Operators

**14**

JavaScript

•

Conditions

•

Dates and Times

•

Functions

•

Loop

•

Objects

•

Callbacks

•

Pop

-

up Boxes

•

Summary

**Day 15 & 16**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**15**

JavaScript

•

Client & Server Concept

•

Introduction jQuery,

•

jQuery Syntax

**16**

jQuery Plugin

•

jQuery Plugin Usages:

Slider, Responsive

Navigation

•

Owl carousel

•

Masonry

•

Isotope

•

Easypiechart

•

Popup

•

And many more

•

PSD to Responsive HTML

Project

(

-

1)

**Day 17 & 18**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**17**

Introduction to

CMS & WP

Installation

•

Introduction to CMS (Content

Management System)

•

**Introduction to**

**CMS:**

WordPress, Joomla,

Drupal, Magento, Open cart etc

•

Starting Dynamic Website

Development with WordPress

•

Configure Server

•

Install WordPress

•

Introduction and Activities of

WordPress Dash board

•

Introduction to WordPress

Theme

•

WordPress file and database

structure

•

Concepts of themes,

•

Plugins

•

Widgets

•

Menus

•

Theme Design Concept

**18**

•

Creating Posts

•

Adding Images and Media,

•

Creating Pages

•

Changing the Appearance of

WordPress

Site

•

Configuring Settings

**Day 19**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**19**

WP Initializing

•

Install WP Premium Theme

(

Settings

)

•

Install WP Premium Theme

(

)

Theme Options

**Phase 2**

# Specialized Training

**(100 Hours)**

**Core Skill**

**Specialized 75 Hours**

**Training**

**Soft Skill**

**25 Hours**

# Core Skill

1. **PHP & MySQL**
2. **WP Theme Customization**
3. **PSD to WP Theme Development**
4. **WP Plugin Customization**

# PHP & MySQL

1. **Understand Server Side Language**
2. **Local Server**
3. **PHP & MySQL**

**WP Theme Customization**

* 1. **Understand WP Hierarchy**
  2. **WP theme Customization**
  3. **Introduction to WP Functions**

**PSD to WP Theme Dev WP Plugin Customization**

# Soft Skill

1. **Maintaining Professional Client Relationship**
2. **Compliment Management**
3. **Business Communication**
4. **Payment Process**



**Specialized Training Course Outline : 75 Hours**

**Day 1, 2 , 3**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**1**

Introduction of

Dynamic Website

Development &

Learn PHP

•

What is Serverside

Language?

•

What is PHP? How PHP

Work?

•

Local Server

•

PHP Installation

•

PHP Syntax

•

Echo / Print

•

Strings

•

Operators

•

Variables

**2**

PHP

•

Date and time

•

Conditions

•

Loops

**3**

PHP

•

PHP array

•

PHP Switch

•

PHP Functions

**Day 4, 5, 6**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**4**

Database

•

Introduction to MySQL

•

Connect to MySQL (PDO,

MySqli),

•

Create DB and Tables

•

What and Why MySql Queries

**5**

WordPress Theme

Customize

•

WordPress Theme

Customization (Customizing

Color & Header, Adding a

Custom Social Menu)



WordPress Theme

Customization (Using

Attachment Pages, Using Pull

Quotes, and more)

**6**

WordPress Theme

Customize

•

Understanding WordPress

Theme structure

•

WordPress

Child Themes:

Creating and Activating Child

Theme

**Day 7, 8 ,9**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**7**

WordPress Theme

Customize

•

WordPress Child Themes:

Changing and Adding New

Styles with CSS

•

Adding New Functionality,

Creating Template Files with

PHP

**8**

WordPress Theme

Customize

•

WordPress Theme

Development (Working with

CSS & JavaScript using

functions.php)

•

WordPress Theme

Development (Header and

Footer Templates)

**9**

WordPress Theme

Customize

•

WordPress Theme

Development (Adding Loop

in the index.php)

•

WordPress

Theme

Development (Creating Page

Templates)

**Day 10, 11, 12**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**10**

WordPress Theme

Development

•

WordPress Theme

Development (Working with

WordPress Navigation)

•

WordPress Theme

Development (Custom Post

Type & Fields)

•

WordPress Theme

Development (Creating

Custom Homepages)

**11**

WordPress Theme

Development

•

WordPress Plugin Basics:

Contact Forms, All In One

Seo Pack, Nextgen Gallery

•

WordPress Plugin

Development: Plugin Structure

**12**

WordPress Theme

Development

•

WordPress Plugin

Development: Plugin

Structure

•

WordPress

Plugin

Development: Hooks, The

Loop

**Day 13, 14, 15**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**13**

WordPress Theme

Development

•

WordPress Plugin

Development: Creating a

Custom Plugin (Part

-

1)

•

WordPress Plugin

Development: Creating a

Custom Plugin (Part

-

2)

**14**

J WordPress

Theme

Development

(

Project

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**15**

WordPress Theme

Development

(

Project

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**Day 16, 17, 18**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**16**

WordPress Theme

Development

Project

(

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**17**

WordPress Theme

Development

(

Project

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**18**

WordPress Theme

Development

(

Project

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**Day 19**

**Day**

**Unit of**

**Competency**

**1**

**st**

**Session**

**(**

**2 hours)**

**2**

**nd**

**Session ( 2 Hours)**

**19**

WordPress

Theme

Development

(

Project

)

•

Develop a Complete WP

theme

•

Develop a Complete WP

theme

**That’s All about**

**Course Module**

**Of**

**Web Design**

**Suggestion or**

**Questions?**