About NIDI:

Established in the year 2011, National Institute of Digital India (NIDI) is a division of Jagriti Navdisha Foundation, a registered nonprofit society Act XXI of 1860 from Govt. of NCT Delhi, which has been in existence with extensive experience in providing computer skills through our courses and training programs.

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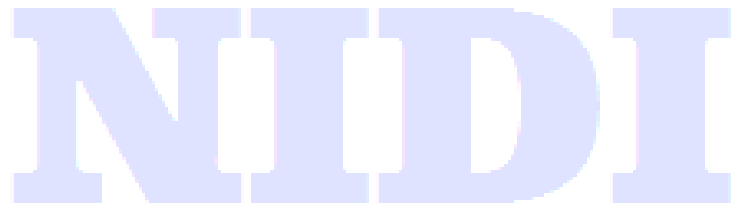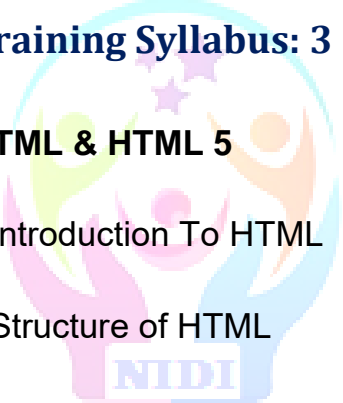Regd. Office: I-112/5, Hari Nagar Extn., Badarpur, New Delhi-110044

PHP with Web Development

PHP is a server-side scripting language, especially suited for the creation of dynamic web pages. This programming language offers web developers a large selection of instruments. PHP, which has become the basis for many web applications, allows easy insertion in HTML code and connection to Databases. PHP is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

Training Syllabus: 3 Months

HTML & HTML 5

• Introduction To HTML

• Structure of HTML

• Attributes & Values

• Comments, Header Tags

• Image Tag

• Link Tags (Text & Image)

• Marquee Tag

• List Tag (Ordered & Unordered)

• Table Tag

• Form Tags

• Audio, Video Tags

• About Iframe

• Embedding of Google Maps, YouTube videos

• BlockLevel and Inline Elements

• DIV Tag

• Header, Footer, Nav

• Section, Article, Aside

• New Form Elements

CSS

• Document Testing

• About CSS Selectors

• About CSS Properties

• Background Properties

• Box Properties

• Border Properties

• Positioning Properties
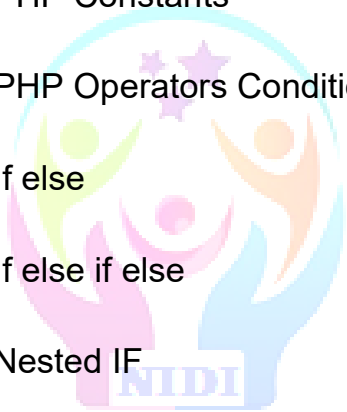
• CSS Menu Design

• CSS Animation

An Overview of Mobile Responsive Design using Bootstrap CSS.

PHP Language

• Installation of PHP

• PHP delimiters

• Variable initialization with PHP

• PHP Data types

• PHP Constants

• PHP Operators Conditional Statement

• If else

• If else if else

• Nested IF

• Switch Case

• Jump Statements (Break, Continue, Exit)

• Looping

• For loop

• While loop

• Do while loop

• Nested Loop

Introduction to ARRAY

• How to use an important programming construct: arrays

• Numerically Indexed arrays

• Non-Numerically Indexed arrays (Associative Array)

• Multidimensional arrays

• Array sorting

JavaScript

• Introduction to JavaScript

• Variable , Operators , Conditions

• Looping and Array

• Introduction to functions

• Popup Boxes (Alert ,Confirm ,Prompt)• Introduction to functions

• Form Handling

• DOM Manipulation

• Pre- defined functions

• Introduction to Objects

• What is property and methods

• String, Math, Navigator, Date, Array, Window Objects

• Introductions to object based technology
• Class, object, property, inheritance

• Client Side Validation (Regular Expression)

An overview of jQuery

MySQL Database

• Relational Database Concept and technology

• Web Database Design

• Web Database Architecture

• Creating a MySQL Database

• Creating Database Tables

• Column Data Types

• Implementing Insert/Delete/Update and select Query

• Aggregate Functions

• Having and Group by Clause

• Joining Table

• Implementing Primary key, Unique Key, Composite key, foreign key, default constraint etc.

• Joining Table

• Dropping Tables and Databases

• Introduction to Phpmyadmin

Framework & CMS:
1. Overview of wordpress (PHP CMS).
2. MVC Framework (CodeIgniter)

Project:
Creating a Dynamic Web Application

Advance topics, mandatory for industry purpose.

Web Hosting
Overview of web hosting.

Deployment
Project deployment on live server.