Name of The Course: Industrial Training & Internship in Full Stack Web Development
Duration: 60hrs (6 weeks)
Fee (in Rs.): Rs 2974 /-

Eligibility: Diploma/B.Sc./B.Tech/ In Electronics, Electrical, Instrumentation Engineering, Computer Science, IT or its equivalent/BCA/MCA. (Completed or Pursuing)

Course Content

1. Basics of HTML – 5 hrs

Introduction, Basic Structure of HTML, Head Section and Elements of Head Section, Formatting Tags: Bold, Italic, Underline, Strikethrough, Div Tag, Anchor, Image Tag, Paragraphs, Comments, Tables, Lists: Ordered List , Unordered List ,html Forms.

2. Introduction of CSS-5 hrs

Introduction to CSS, Types of CSS, CSS Selectors: Universal Selector, ID selector, Tag Selector, Class Selector, Group Selector, CSS Properties: Back Ground properties, Box properties of css.

3. Introduction of **JavaScript -4 hours**
Introduction to Client Side Scripting Language, Variables in Java Script, Operators in JS, Conditions Statements, JS Popup Boxes, JS Events, Basic Form Validations in JavaScript.

3. Introduction to PHP-4hrs

Introduction of PHP, Basic Syntax, Defining variable and constant, PHP Data type, Operator and Expression.

4. Decisions and loop-4hrs

Making Decisions, Doing Repetitive task with looping, Mixing Decisions and looping with HTML.

5. Function and Array -6hrs

What is a function, Define a function, how to call a function in php, Anatomy of an Array, Creating index based and Associative array Accessing array, Element   Looping with

Index based array, Looping with associative array using foreach(), Some useful Library function.

6. Handling Html Form with PHP -5hrs

Handling Form data, How to post the form data using GET And POST Method, File Uploading and downloading.

7. Session and Cookie -5hrs

Introduction to Session Control, Session Functionality, What is a Cookie, Setting Cookies with PHP. work with Sessions, Deleting Cookies, Registering Session variables, Destroying the variables and Session.

8. Database Connectivity with MySql-7hrs

Introduction to RDBMS, Introduction to MySQL, Connection with MySql Database, performing basic database operation(DML) (Insert, Delete, Update, Select). How to save form data to database and how to fetch data from database using PHP.

9. Exception Handling-5hrs

Understanding Exception and error, Try, catch, throw. Error tracking and debugging.

10. One Mini Web project using the PHP With MySQL.-10hrs.