



राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान, पटना  
National Institute of Electronics & Information Technology, Patna

**Name of The Course:** Industrial Training & Internship in Full Stack Web Development.(4 weeks)

**Duration :** 40hrs

**Fee (in Rs.):** Rs 1983 /-

**Eligibility:** Diploma/B.Sc./B.Tech or Any Graduate (Completed or pursuing).

### Syllabus

#### **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**

Php loops

### **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,

### **6. Handling Html Form with PHP -5hrs**

Handling Form data, How to post the form data using GET And POST Method

### **7. Session and Cookie -5hrs**

PHP Session and cookie

### **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.