



# JAVA, J2EE Training Module

## **Module 1: HTML/CSS & JAVA Script**

(HTML Tags, Table/Div, Forms, Input, CSS Syntax, CSS Comments, JavaScript Variables, Operators, JavaScript Functions)

**3 CLASSES** (3X2 hrs=6hrs)

Learning and Practice – 2 Classes

Case Study– 1 Class

“Case Study: Design User Interface for a log-in screen and inside page using HTML”

## **Module 2: Introduction & overviews of OOPS**

(Concept Of OOPs, Importance of Java, Operator, JVM, Class & Object, Constructor, Array, Method)

**2 CLASSES** (2X2 hrs=4hrs)

Learning and Practice – 1 Class

Case Study– 1 Class

“Case Study: Design a simple calculator with basic numeric operation.”

## **Module 3: Core Java**

(Polymorphism, Inheritance, Abstract Class, Interface, Package , Input / Output, Exception Handling, Threading)

**4 CLASSES** (4X2 hrs=8hrs)

Learning and Practice – 2 classes

Case Study– 2 Class

“Case Study: Design a Feedback Form”

## **Module 4: Advance Java**

(Applet, AWT, Event handling, Swing, JDBC, Servlet, RMI)

**4 CLASSES** (4X2hrs=8 hrs)

Learning and Practice - 3 classes

Case Study - 1 class

“Case Study: Image Uploading and resizing function development”

## **Module 5: Database Concept & Sql**

**5 CLASSES** (5X2hrs=10hrs)

learning and Practice -2 classes

Case Study - 3 classes

“Case Study: Events Calendar design”

## **Module 6: J2EE**

**3 CLASSES** (3X2hrs=6hrs)

Learning and Practice -3 classes

**Project Development in J2EE - 5 Classes** (5X2 Hrs= 10 Hrs)