



LITZ TECH

India Private Limited

Empowering Business Globally



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Trainers have
13+ years experience

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www.litztech.in

JAVA COURSE

WHY LITZ TECH?

Learn IT Zone is a pioneer in facilitating education using breakthrough technologies. With dedicated teams academic experts, the company has been on the forefront of heralding the next advancement in learning, thus becoming a distinctive player in bridging geographical and cultural borders, we are well connected with the networks of colleges and IT solutions. LITZ TECH INDIA PVT LTD recruits well performing students of Learn IT Zone that provides an effective career.

KEY FEATURES

- ➔ Train from professionals with industry experience
- ➔ Learn theoretical concepts and gain hands-on training simultaneously
- ➔ Real time Hands-On Practical Experience Training to imbibe corporate practices
- ➔ Get certified at the end of the training
- ➔ Receive placement support once the training is completed ➔

Getting exposure to latest technology up gradations.

- ➔ Advanced lab facility and most updated syllabus and materials will be provided with learning tools for easy learning
- ➔ You will have the access to contact the trainers at any time.

Course Syllabus

Core Java

Eclipse Installation

Java demo programme

Data types and type casting

Statements (conditional statements, looping statements, flow control statements, assignment statement)

Array

OOPS

Method and Method overloading

Constructor

Function

Inheritance

String methods (length(), substring(), equals())

Mutable strings using StringBuilder

Organizing classes into packages

import keyword

Built-in packages (java.util, java.io)

Exception handling: try, catch, finally

throw and throws

Custom exceptions

Interfaces (method signatures only)

Abstract class (abstract + concrete methods)

Method overriding

Runtime polymorphism (dynamic dispatch)

Access modifiers: public, private, protected, default

Static: variables, methods, blocks

Instance vs Static

Member inner class

Anonymous inner class

Static nested class

Collections: Array List, LinkedList, HashMap, HashSet

Iterators

Generics: Type-safe classes and methods

Multithreading: Thread, Runnable

Synchronization, Inter-thread communication

File Handling: File, file reader , File Writer, serialization

[ADVANCE JAVA](#)

[MySQL Queries](#)

- Installation and Configuration
- Select
- Insert
- Update
- Delete
- Joins
- Primary key
- Foreign key
- Order by
- Group by

JDBC

- Class loader
- Connection process
- SQL Queries handling in java
- Prepared statements
- Result set

SERVLET and JSP

Introduction to Servlet

Eclipse Setup & Configure Tomcat

Creating Web Project, Create Servlet & Web.xml

GET & POST Method

HttpServletRequest Request & HttpServletResponse Response Request

Dispatcher & sendRedirect HttpSession & Cookie

ServletConfig & ServletContext Servlet

Annotation Configuration

JSP Introduction JSP

to Servlet Conversion

JSP Tags

- Scriptlet
- Declaration
- Directive
- Expression

Implicit Object in JSP Exception

Handling in JSP JDBC in JSP

JSTL Introduction

- JSTL Core Tags
- JSTL Tutorial SQL Tags
- JSTL Tutorial Function Tags

Back Button Configuration

File Upload in Java Servlet

Mini project

Java 8 Features

- Functional interface
- Lambda expression
- Streams API
- Collection vs Java 8
- Map vs Flat map in Java 8
- IO stream Vs Stream API
- String Joiner
- Date formats updates

JAVA FRAMEWORKS

Java Spring

- Introduction to Spring
- Spring Core
- Spring IOC introduction and its configuration
- Introduction dependency injection
- Introduction to Maven and its configuration
- Application context
- Xml configuration
- Annotation based configuration
- Autowired annotation

Spring MVC

- Introduction to Spring MVC and its configuration
- Front controller or DispatcherServlet
- Controller and RequestMapping

Spring JDBC

Hibernate

- Introduction to Hibernate and its configuration.
- How to get data using Hibernate?
- Hibernate Mapping relations.
- Hibernate Caching
- Hibernate Query Languages.
- Hibernate uses in Project
- JPA ORM Implementation.

Rest API Spring

Security

Postman Application

JAVA SPRING BOOT FRAMEWORK

- Introduction to Spring Boot
- Spring Tool Suite (STS) IDE Configuration
- Creating web application using spring boot
- Application properties file
- Model and View
- Model object
- Spring Boot Data JPA
- Spring Boot MVC
- Spring Boot Data Rest

[Our Training Benefits](#)

Check out our innovative key features in training methodologies. Our flexible training mechanisms incorporate all techniques right from knowledge assessment till setting placement records.

- ➔ Gain knowledge from experienced professionals in the field.
- ➔ Learn both theoretical concepts and gain practical experience at the same time.
- ➔ Training that provides real-world, hands-on experience in order to teach proper workplace practices.
- ➔ Grab certification upon completion of training
- ➔ Receive placement assistance following completion of training
Being exposed to the most recent technological advancements.
- ➔ Learning tools will be provided along with the most up-to-date lab facilities, curriculum, and course materials
- ➔ You will be able to connect with the trainers at any time.