



## FULL STACK JAVA DEVELOPER

100% Job Guarantee Program

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WEB  
[www.parinithatechnologies.in](http://www.parinithatechnologies.in)



# About Parinitha Technologies

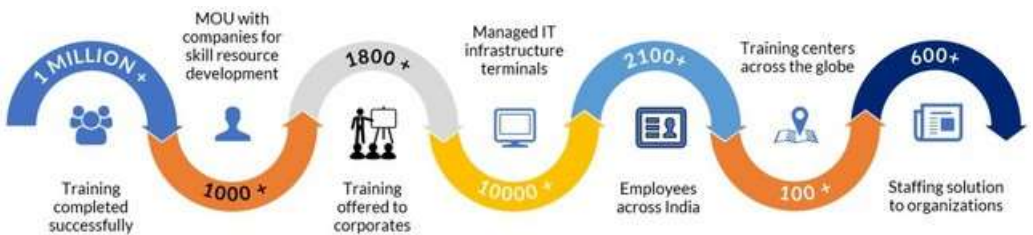
**The main motto of Parinitha Technologies Institute is to provide the best professional education to our students and to turn them into knowledgeable and successful IT professionals & 100% Job assistance is assured.**

**We make every effort to prepare our students to face the challenges of today's rapidly evolving IT marketplace. Our training manuals and exercise materials are very effective in enhancing students knowledge and skills base.**

**Students can take any of our courses separately or combine several of them to achieve higher levels of proficiency in information technology**

[Know More](#)

## Experience Summary



# OVERVIEW



## Who can take up?

Freshers / Experienced / Diploma / Graduates / Post graduates in any stream



## Duration

**500 Hrs**  
(2 Hrs/Day 12 Months, 4 Hrs/Day 6 Months or 8Hrs/Day 3 Months)



500 Hrs  
of online training



150 Hrs of LIVE mentoring  
& doubt clarification sessions



100+  
lab assignments

## Course Overview

Master fundamentals in core Java

Learn to code server side and create dynamic web pages using advanced Java

Master fundamentals in general purpose programming & scripting language – Python

Learn to design interactions, functional web pages using HTML, CSS and JavaScript

Understand the process of designing, managing & handling structured data in MySQL

Integrate third party APIs using Springs and Hibernate

Understand end to end process of building code, hosting and maintaining it

3 hours of the classroom session on weekdays

Doubt Clarification session

2 hours of hands-on coding on weekdays

Talks from industry experts

Case Studies solved on every module

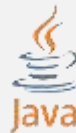
Mock interviews at regular intervals

Daily Assignments

Weekly Assessments

## A DAY/WEEK WITH US

### TOOLS & TECH



# LEARNING TRACK

01

## Learn Core Java

Be a master in language fundamentals & competitive programming

02

## Learn Advanced Java

Learn to code on the server-side and create dynamic web pages

03

## Learn Python

Get a wide range of opportunities to create your career in different specializations like Artificial Intelligence, Deep Learning, etc

04

## Learn HTML /CSS/ Javascript

Master to design, style & interact with the web pages.

05

## Learn MySQL

Understand the process of designing, managing, and handling structured data.

06

## Learn Springs & Hibernate

Learn to integrate different third party APIs in your application

07

## Build Project

Understand the complete process of building code, integrating modules, hosting an application, and maintaining it.

08

## Practice Aptitude

Build your logical and reasoning skill to crack the interviews

09

## Learn Interview Etiquette

Learn a set of manners that is accepted in a profession.

# DETAILED SYLLABUS

## Core Java

- ÿ Language Fundamentals
- ÿ Data Types
- ÿ Introduction Object orientation
- ÿ Incrementation and decrementation
- ÿ Pattern Programming
- ÿ Arrays
- ÿ Strings
- ÿ String tokenizer
- ÿ Methods
- ÿ Method overloading
- ÿ Constructor
- ÿ Encapsulation
- ÿ Static
- ÿ Inheritance
- ÿ Polymorphism
- ÿ Access specifiers
- ÿ Aggregation and Composition
- ÿ Abstraction
- ÿ Interface
- ÿ Exception Handling
- ÿ Multi-Threading
- ÿ Producer-Consumer
- ÿ Collection
- ÿ Maps
- ÿ Boxing & Auto Boxing
- ÿ File Handling

- ÿ Enum
- ÿ Annotations

## JDBC

- ÿ Introduction to JDBC
- ÿ Communication with backend and database
- ÿ Key Interfaces
- ÿ Steps for installing MySQL Connector, Property File
- ÿ Update Query
- ÿ Batch File
- ÿ Dynamic queries
- ÿ Transaction & Acid properties
- ÿ Store procedure
- ÿ In procedure
- ÿ In-Out procedure
- ÿ Meta-Data of Result Set

## Servlets, JSP & JSTL

- ÿ Introduction to Servlets
- ÿ Difference between Web-Based and Distributed Application
- ÿ Difference between Static and Dynamic response
- ÿ Control flow of web.xml
- ÿ Service methods

# DETAILED SYLLABUS

- ✓ doGet and doPost method
- ✓ welcome file list
- ✓ set and getAttribute in Request Dispatcher
- ✓ Forward() and Include() in Request Dispatcher
- ✓ Send Redirect
- ✓ Difference between Request Dispatcher and Send Redirect
- ✓ Session management in java
- ✓ Cookies in java
- ✓ Servlet context and Servlet Config
- ✓ Life Cycle of a servlet
- ✓ Calling servlet using annotation
- ✓ Filters
- ✓ Filter Chaining
- ✓ Introduction to JSP
- ✓ Working of JSP Engine
- ✓ JSP Tags
- ✓ Implicit Objects of JSP
- ✓ Handling Exception in JSP
- ✓ JSTL Tags

## Hibernate

- ✓ Introduction to Hibernate
- ✓ Benefits of Hibernate
- ✓ Explanation of Hibernate.cfg.xml File

- ✓ The relation between hibernate and JDBC
- ✓ Program to Update Multiple lines (using HQL)
- ✓ CRUD Operations
- ✓ Writing SQL Queries in Hibernate
- ✓ Introduction to Mapping
- ✓ 1:1 Mapping
- ✓ Property tag in 1:1 Mapping
- ✓ Unidirectional and Bidirectional in 1:1 Mapping
- ✓ Many-to-One Mapping
- ✓ Multiple Programs using 1:1 Mapping and Many-to-One Mapping
- ✓ Many-to-One Mapping (bi-direction)
- ✓ Many-to-Many Mapping Programs Using Joinable Lazy Loading and Eager Loading
- ✓ Lifecycle of Hibernate
- ✓ Difference between get and load

## Spring

- ✓ Feature of Spring, Spring Architecture, Inversion of Control

# DETAILED SYLLABUS

- ÿ Dependency Injection (Constructor Injection, Setter Injection)
- ÿ Bean Scope, Bean Lifecycle, IoC (annotation approach)
- ÿ Constructor Injection, Setter Injection, Field Injection (annotation approach)
- ÿ Bean Configuration using Java Code
- ÿ Spring MVC Architecture, First MVC code
- ÿ Configuration of Spring MVC
- ÿ Control Flow of Spring MVC, Handler Mapping
- ÿ RequestMapping
- ÿ Data Transfer between Controller & View
- ÿ Request Param
- ÿ Spring MVC Form Tag Library
- ÿ Spring Validation

## HTML/CSS

- ÿ Introduction to CSS3, Basic Selectors
- ÿ Working with Sizes, Colors and Files, Styling Text
- ÿ Web Fonts, Gradients without Images
- ÿ Advanced Selectors, Lists, and Navigation Menus

- ÿ Exploring Generated Content
- ÿ Transforms and Transitions
- ÿ Animating Elements with Keyframes
- ÿ Styling Tables
- ÿ Elements Positioning, Working with Layouts
- ÿ Multi-Column Layouts with CSS3
- ÿ Dealing with Cross Browser Layouts
- ÿ Media Queries, Print CSS3

## BOOTSTRAP

- ÿ Introduction to Bootstrap framework
- ÿ Bootstrap CSS
- ÿ Bootstrap Layout Components
- ÿ Bootstrap JavaScript Plugins
- ÿ Using Bootstrap

## MYSQL

- ÿ ER Diagrams
- ÿ Constraints
- ÿ Creating Database and Tables, Inserting Data, CRUD Commands

# DETAILED SYLLABUS

- ÿ CRUD, Basic queries Refining our
- ÿ Selections- Like Single row Functions
- ÿ Aggregate Functions Group by,
- ÿ Having, order by clauses Sub Queries.
- ÿ Joins Set Operators Normalization
- ÿ Views, Index, Export, and Import using
- ÿ Scripts.
- ÿ Stored procedures, Triggers
- ÿ
- ÿ
- ÿ

## JAVASCRIPT

- ÿ Introduction to web development and
- ÿ JavaScript
- ÿ JavaScript Essentials
- ÿ DOM Scripting

# SAMPLE CERTIFICATE



## Student Testimonials



**Santhosh Akula**  
Software developer

I had an excellent experience at Parinitha Technologies. The trainers were knowledgeable & trained me from basics, and the curriculum was well-structured and relevant to current industry standards. The hands-on training and real-world applications greatly enhanced my learning. I highly recommend this institute to anyone looking to advance their skills and career. Thank you for showing me a great path.



**B SRIKANTH**  
Cybersecurity

I had got place at a package of 7lpa as an fresher. I took cybersecurity. All the trainers are providing the full and transparency and providing the good knowledge and has good guidance from their side



**Shishira Ramesh**  
Full stack Engineer

I had an wonderful experience in this technology. 😊  
The trainer's are very good intractors here. They are also very good in explaining and clearing with our doubts.. so yea I had very good experience in parinitha technology.

### Get in Touch

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