Certification in Hibernate

Syllabus

Duration: 60 Hours

1. Basics of Hibernate
- **Hibernate Introduction**
- **Hibernate Architecture**
- **Understanding First Hibernate application**

2. Hibernate with IDE
- **Hibernate in Eclipse**
- **Hibernate in MyEclipse**

3. Hibernate Application
- **Hibernate with annotation**
- **Hibernate Web application**
- **Hibernate Generator classes**
- **Hibernate Dialects**

4. Hibernate Logging
- **Hibernate with Log4j 1**
- **Hibernate with Log4j 2**

5. Inheritance Mapping
- **Table Per Hierarchy**
- **Table Per Hierarchy using Annotation**
- **Table Per Concrete**
- **Table Per Concreteusing Annotation**
- **Table Per Subclass**
- **Table Per Subclass using Annotation**

6. Collection Mapping
- **Mapping List**
- **One-to-many by List using XML**
- **Many to Many by List using XML**
- **One To Many by List using Annotation**
- **Mapping Bag**
- **One-to-many by Bag**
- **Mapping Set**
- **One-to-many by Set**

- **Mapping Map**
- **Many-to-many by Map**
- **Bidirectional**
- **Lazy Collection**

7. Component Mapping

8. Association Mapping
- **One-to-one using Primary Key**
- **One-to-one using Foreign Key**

9. Hibernate Caching

First Level Cache
Second Level Cache

10. HTML
- **Introduction to HTML**
- **HTML Tags**
- **Creating Forms**
- **Creating tables**
- **Managing home page**

11. CSS
- **Introduction to CSS**
- **Three ways to use CSS**
- **CSS Properties**
- **Designing website**
- **Working with Templates**

12. JAVA SCRIPT
- **Introduction to Javascript**
- **Three ways to use Javascript**
- **Working with events**
- **Client-side Validation**

13. Project Work

14. Placement Assistance Sessions
- **Mock Interviews**
- **GDs**
- **Preplacement Talks**

- **Industry Exposer Sessions**

15.Internship