

4291: Job Survival Course– 2 months

Eligibility

Must be at least one year experienced. Current employment certificate has to be produced.

Students with more 5 years of experience need not apply.

No of seats: 40 per batch

Course Timings:

- Faculty: Name: At the time of first session.
 - 2- years' experience in the software development industry
 - B-Tech – SV University
 - M-Tech – Pondicherry
 - MBA - IIM Lucknow
 - Currently teaching in IIIT-Hyderabad

Course Structure

Section I : Programming Concepts- Week 1:	
Object oriented programming	
Introduction To Java Programming Language(Data Types, Threads, Collections)	
Class Loader & GarbageCollection	
Assignments	
Section II: Java Script Language	
HTML/CSS	
Java Script Programming	
JQuery	
Assignments	
Section III: Java Script Language: Week 3	
Ajax Concepts	
JSON	
REST API	
Assignments	
Section IV - Introduction XML and XML processing – Week4	
XML Definition, editors & Why XML, Schema	
DOM Processor	
SAX Processor	
STAX Processor	
XSLT Basics	
Assignments	
Section V – Design Patterns – Week5	
Single Ton	
Factory	
Façade	
Section VI – Introduction to Cloud Computing	
Introduction to Cloud Computing	
Hands on Amazon EC2 Cloud	

Section VII – Build and Release Management – Week7	
JUnit, NGUnit	
SVN	
GIT	
Ant	
Maven	
Build and deploy a Web Application	
Section VIII – Spring Concepts	
AOP	
DOI	
Configuration	
Section VIII – Hibernate – Week8	
Hibernate(Relationships)	
Spring & Hibernate	
Spring JDBC Template	
Section VIII – Project 4 hours – Week 9	
Mini Project	

Course Fee:

Terms & Conditions:

Fee refunded, if not satisfied after the first class.

- Students has to bring their own Laptops. Theory 50% and Practice 50%
- A certificate of Course Participation at the end of the course
- Students dropping at the middle of the course will not be refunded
- Sessions will not be repeated. However help will be given to understand the exercises.
- Project is compulsory for course completion certificate.

Books distributed along with the course:

- Head First design patterns
- Spring framework
- Best Practices in Java