**Schedule for Spring Batch**

**Spring ( 5 Days)**

**Day – 1**

a. Introduction of Spring Framework

1. IoC Containers

**Day – 2**

1. Bean Definition and Life Cycle Methods.
2. Dependency Injection
3. Annotation Based Configuration
4. Java Based Configuration

**Day – 3**

1. Event Handling
2. AOP

**Day - 4**

1. JDBC Framework
2. Transaction Management

**Day - 5**

1. Web MVC Framework
2. Logging with SLF4j

**Spring Boot ( 3 Days)**

1. Tomcat Deployment
2. Beans and Dependency Injection
3. Application Properties
4. Building RESTful Web Services
5. Exception Handling
6. REST Template
7. Services Components
8. Consuming RESTful Web Services
9. Eureka Server

**Hibernate ( 2 Days)**

**Day - 1**

1. Introduction
2. Architecture
3. Environment
4. Configuration

**Day – 2**

1. Sessions
2. Object / Relational Mapping
3. Annotations

**Spring JPA and Web Services(1 Day)**

1. Introduction and one simple example to integrate Spring Application to Java Persistance API
2. Http Methods and Resource Naming Conventions
3. Http Status Codes

**Angular5 ( 3 Days)**

* 1. Introduction.
  2. Directives
  3. Data Binding
  4. Component Creation and Communication
  5. Modules
  6. Forms
  7. Pipes
  8. Services & Dependency Injection
  9. Routing
  10. Http Service Call and Rxjs Features

**One simple application using Spring, Hibernate and Angularjs to implement CRUD operations on database. (1 day)**

**Note:**

1. Above Schedule is prepared every day training is from 9am to 6pm with 1 hour in between ie., 8 hours, out of which 4 to 5 hours of theoretical and 3 to 4 hours hands on sessions.
2. Appropriate examples will be directly typed before them and will show to them after complete of each topic.
3. If could able to keep another 2 days as buffer time would be better