**Spring Framework Syllabus**

|  |  |
| --- | --- |
|  | Chapter – 1 |
|  | Why Choose Spring as Your Java Framework? |
|  | Spring Framework Architecture |
|  | Spring Framework Core Components |
|  | Spring Framework Web |
|  | Spring Framework Data Access |
|  | Miscellaneous Modules |
|  | Spring 5 Features |
|  | Chapter – 2 |
|  | Intro to Inversion of Control and Dependency Injection with Spring ? |
|  | Constructor Dependency Injection in Spring |
|  | What Is a Spring Bean? |
|  | Spring Bean Scopes |
|  | Spring Bean Annotations |
|  | Chapter – 3 |
|  | Guide to Spring @Autowired |
|  | Wiring in Spring: @Autowired, @Resource and @Inject |
|  | The Spring @Qualifier Annotation |
|  | Chapter – 4 |
|  | @Component vs @Repository and @Service in Spring |
|  | Properties with Spring and Spring Boot |
|  | Spring @Value |
|  | Spring Profiles |
|  | Chapter – 5 |
|  | Getting the Current ApplicationContext in Spring |
|  | Spring YAML Configuration |
|  | Chapter – 6 |
|  | Spring PostConstruct and PreDestroy Annotations (lifecycle) |
|  | Spring Core Annotations |
|  | Chapter – 7 |
|  | Introduction to Spring AOP |
|  | Spring @Component Annotation |
|  | The Spring ApplicationContext |
|  |  |