**Cucumber Course Contents**

**Course Prerequisite:** Basic knowledge of Java

**BDD-Introduction**

* TDD Vs BDD
* QA role in BDD
* Advantages of BDD, Why it is so popular in recent time?

**Cucumber Basics**

* Why Cucumber?
* When Cucumber?

**Gherkin-Introduction**

* Overview

**Cucumber-Set up in Eclipse**

* Maven
* Cucumber-Junit /Junit
* Cucumber-java

**Cucumber-Junit Introduction**

* What is Junit?
* Configuration of Junit
* Junit test Example?
* Junit Test Runner?
* Junit Test Suite
* Running Junit test from Eclipse

**Cucumber Implementation**

* Annotations of cucumber
  + Given
  + When
  + Then
  + And
  + But
  + Scenario
* Cucumber Tags/Tagged Hooks
* Cucumber After/Before Hooks
* Comment in feature file

**Data driven testing with Cucumber**

* Cucumber Parameterization of test cases
* How to use Examples Keyword (Data Driven)
* How to use the Data tables Maps

**Report**

* Cucumber Report

**Continuous Integration (Jenkins)**

* Jenkins Installation-configuration and execution of cucumber tests.
* Cucumber Report in Jenkins
* Integration with Extent Report. ( Optional )

**Demo**

* Cucumber with Selenium/Web services api