

Testing Syllabus:

Manual Testing:

- SDLC
- Unit Testing Techniques
- Real Time Live Project
- Testing Techniques
- Module Distribution
- Testers Life Cycle
- Client Server Testing
- Build & Release
- Test Data Management
- More Testing Techniques
- Test Cases
- Test Case Design Techniques
- Traceability Matrix (RTM/FTM)
- STLC
- Regression / Retesting
- Defect Life Cycle / Defect Tracking
- Test Plan

CoreJava:

- Introduction
 - Basics of Java
 - Downloading & Installation of Java
 - Phases of Java Program
 - Downloading Editor
 - Sample Java Application
- Operators & Flow Control
 - if, if-else, else-if, switch, for
 - while, do-while
 - More Examples
- Java Classes
 - Variables
 - Methods
 - Constructors
 - Instance & Static blocks
- Arrays
 - Declaration / Implementation of Arrays.
 - Storage of Primitive & Object type
- OOPS
 - Class / Objects
 - Inheritance
 - Polymorphism
 - Abstraction
 - Encapsulation
- Packages
 - Pre-Defined & User Defined
 - Package & Import

- Package Implementation
- Modifiers
 - Access Modifiers
 - Other Modifiers
- Interface
 - Marker Interfaces
 - Adapter Classes
 - Examples on Interfaces
- Strings
 - String classes
 - String Buffer
 - String Builder
 - String Tokenizer
- Wrapper Classes
 - Datatypes & Wrapper Classes
 - Types of Wrapper Classes
 - Boxing & Autoboxing
- Nested / Inner Classes
 - Need for Inner classes
 - Normal, Method Local
 - Static, Anonymous
- Exception Handling
 - Exception & Exception Handling
 - Types of Exception
 - Exception Vs Error
 - Try-Catch, Finally, Throws, Throw
- Java IO
 - Byte & Character Oriented Streams
 - Reading & Writing Operations
 - Buffered Reader & Writer *
 - Serialization & Deserialization *
- Collection Framework
 - Arrays Vs Collections
 - Normal Collections & Generics
 - List, Sets, Maps
 - Cursors
 - Characteristics of each Collections
 - Comparable & Comparator
 - Sorting mechanism of Collection Objects
- Multithreading
 - Thread Info
 - Single / Multithreaded model
 - Life Cycle of Threads *
 - Creation of User threads
 - Thread naming / priority
 - Hook / Daemon threads

Automation Selenium Testing:

- Selenium WebDriver 3.X
 - Installation / Configuration of Selenium WebDriver

- Locators / Web Elements
- Handling Keyboard, Mouse Movements
- Perform Drag & Drop, Right click, context menu
- Ajax & Auto Suggestions
- Frames, Windows, JavaScript Executor
- Handling Pop Ups and multiple windows
- Browser Options
- Screen Shot / File Upload & Download
- Http components
- AutoIT / Sikuli tools
- Robot classes
- TestNG
 - Configuring & Downloading TestNG
 - Test & Annotations
 - Data Providers
 - Assertions
 - Listeners
- POI Excel Automation / Properties Files
- Ant / Maven
- Jenkins
- Git / Git Hub
- Extent Reports
- POM/PF (Hybrid Framework)