



IOQA

Syllabus

learn anytime. anyplace.



Live Sessions

Interactive and Informative
Classes to Give you Best
Learning Experience



World-Class Trainers

To Help you with
Real Time Challenges
& Provide Guidance



Online Support

Personalized Guidance
from Our Online
Support Team

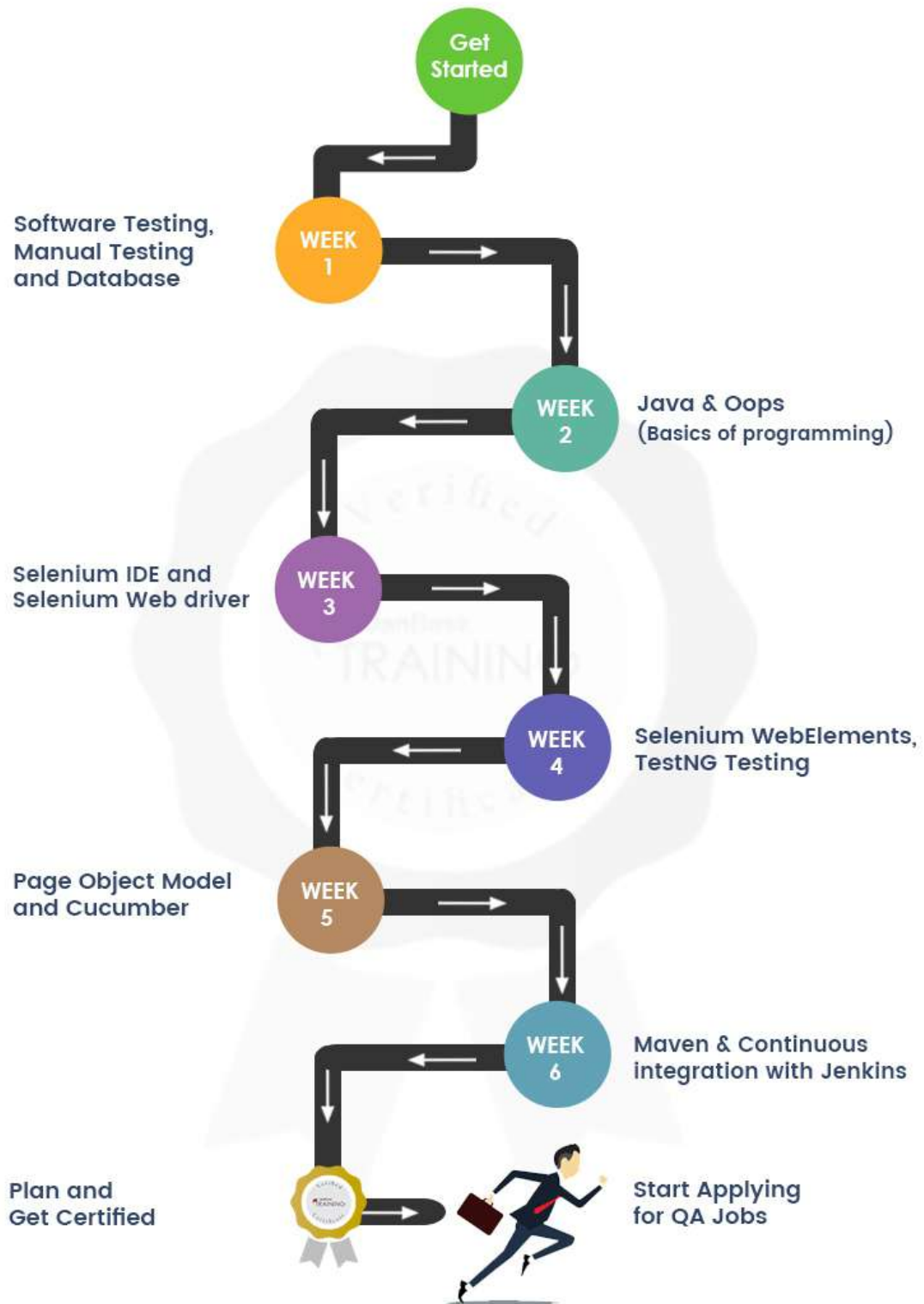


Flexible Schedule

Flexibility to Reschedule
Your Batch/Class at
Your Convenience



Course Road Map & Plan



JanBask Training, Where You Can 'Learn & Grow'



Software Testing, Manual Testing & Database

- What is Software Testing, Definitions?
- Why do we test software? Difference between errors, faults and failures
- Principles of Software Testing, Fundamental Test Process
- Why do software have bugs? How much testing is required?
- Difference between Priority, Severity? Difference validation, verification?
- SDLC Models(Waterfall, V Model, Iterative Model, Spiral, Agile)
- Software Test Phases/ Levels(Component Testing, System Testing, UAT)
- Functional Testing, Non-Functional Testing, BBT, WBT, Regression Testing.
- Static & Dynamic Testing
- Overview of the database.
- Database Verification and Validation
- Structured Query Language (SQL)
- Hands-on Assignment, Real Scenarios, Practice Tests on manual testing

Java & Oops (Basics of programming)

- Understanding Oops concept.
- Object, class, constructor
- Datatypes in Java
- Types of Variables in Java
- Basic Operators in Java
- Control Flow Statements
- Object-Oriented Programming Concepts
- Collections overview, and ArrayList
- Java Methods, Predefined Methods
- Java Constructor
- Exception Handling
- Fundamentals of Object Oriented Programming
- Inheritance, Polymorphism, Abstraction, and Encapsulation
- Overloading and Overriding Functions
- Access Modifiers
- Hands-on Assignment, Real Scenarios, MCQs, Practice Tests on Java & Oops



Selenium IDE & Selenium Web driver

- What is Automation testing
- Benefits of Automation Testing
- Various Automation Test Tools
- Selenium History, Version of Selenium
- Download and install Eclipse IDE.
- Selenium architecture, Driver executables, JSON Wire Protocol
- Basic automation script using Selenium in Chrome, Firefox
- Selenium Webdriver, Environment setup for Selenium WebDriver in Java IDE
- First Selenium Script, Prerequisite for scripting.
- WebDriver all methods, Check the element exists, displayed, checked
- WebElements, Types of WebElements
- Locators in Selenium, Types of Locators, How to locate a webelement in selenium
- Inspect elements, Perform user actions, All webdriver methods
- XPath Functions and Customisations
- End to End automation for textfield, link, image, button, checkbox, radio button, dropdown, html table
- Flash Application Testing using Selenium Web
- Hands-on Assignment, Real Scenarios, MCQs, Practice Tests on Selenium

Selenium WebElements, TestNG Testing

- Configure Eclipse with Selenium and TestNG
- New- Installation of TestNG
- Create First TestNG Program and Execute
- TestNG Annotations and Attributes
- Validating Tests with Assertions
- Creating, Grouping, Prioritizing Test Batches
- Creating multiple Tests
- Executing Test batches and generating Test Reports
- Data Driven, Parallel Testing
- Executing group of regression/sanity/smoke test cases using TestNG
- Running Parallel & Distributed tests
- Reports using TestNG and ReportNG
- Modular Driven Framework
- Keyword Driven Framework
- Data Driven Framework
- Hybrid Framework
- Hands-on Assignment, Real Scenarios, MCQs, Practice Tests on Selenium WebElements, TestNG Testing





Page Object Model, Cucumber

- What is the Page Object Model?
- Setting up a Test with POM
- Implementing the Login Page Class
- Implementing the Dashboard Page Class
- Writing a Test with Page Objects
- Enhance POM with PageFactory
- What is BDD and Cucumber?
- Preparing the Cucumber Environment
- Writing a Feature File in Gherkin
- Writing Step Definition Class
- Writing the TestRunner with Junit
- Selenium, Enhancing Feature Files with Data Tables, Parameterizing Data into Step
- Usage of Hooks in setting up tear down and setup Scripts
- Generating reports of cucumber
- Hands-on Assignment, Real Scenarios, MCQs, Practice Tests on cucumber

Maven & Continuous integration with Jenkins

- Importance of Maven in Framework development
- Installing and configuring Maven
- Understanding Terminologies of Maven
- Running tests in Maven
- Importing Maven Project into Eclipse
- What is POM.xml?
- Understanding POM.xml file and its dependencies
- Installing/Configuring Jenkins
- Scheduling Test Execution in Jenkins
- Auto mail configuration in Jenkins
- What is continuous integration?
- Continuous integration with JENKINS
- Hands-on Assignment, Real Scenarios, MCQs, Practice Tests on Maven and Jenkins





Get Your Course Completion Certification After the Successful Completion Of Your Live Class.....



JanBask Training, Where You Can 'Learn & Grow'

JanBask Training



Our Sole Aim is to Help People Expand their Capabilities and Grow in their Career.

Success requires Learning as fast as the world is changing hence all programs are based on strong theoretical and practical components, enables all our students to grab a tight command over the functional understanding, and they also have modules that offers glimpse of the best and the latest things happening right now within the industry.

It Is Our Commitment To Provide Our Students With Best, Nothing Less.



This unique blend empowers students to develop a broader understanding of the platform.

This experience of learning coupled with always on support of our competent team of counselors and trainers would help you readily prepare for your next job move, thus saving your productive time. We don't follow a teacher-centered but we're changing it to Student –Centered.

At JanBask Training you are the Priority.



Let's know – Who is going to Teach you!

Trainer's Profile

All the Trainers are Certified Leads of their respective domain or Sr. IT Project Managers. They are working professionals mostly from leading IT firms, so that you would get the latest and best trends followed in an industry along with real time experiences.

How Trainers are Trained here for you

They go through JanBask's rigorous selection procedure before on boarding, unlike traditional trainers, these professionals are tested for their passion for imparting knowledge, besides their technical knack.

Every trainer is then made to pursue a 20 hours mandatory induction program that helps them get familiar with JanBask learning Edge methodologies.

Hence, ensuring that every trainer brings their best and do their best to deliver the best knowledge in best possible manner.

Why Online Training?

Online training is valuable more convenient and cost-effective way than traditional education. It gives you more interaction and greater ability to concentrate.

Now, you can take online Training and even complete entire course while working, in-between jobs, or while taking time to raise a family.

It's flexible for this Busy world and also guaranteeing that you're learning the most up-to-date content.





Subscribe Us on YouTube
To View Our Demo Videos



info@JanBaskTraining.com
www.JanBaskTraining.com