

Advanced Certification Program in

SOFTWARE TESTING

(with 110% Job Guarantee)

Learn about software testing and get hands-on practice on manual as well as automation testing

Recruiters are always looking for someone with the right analytical and logical thinking skills. Hence, an Expert Course on "Aptitude Skills" worth INR 3000/- is included in this course!

 **443**
HOURS

Invest just
18 to 20 Hours per week!

Begin your Software testing career with us!



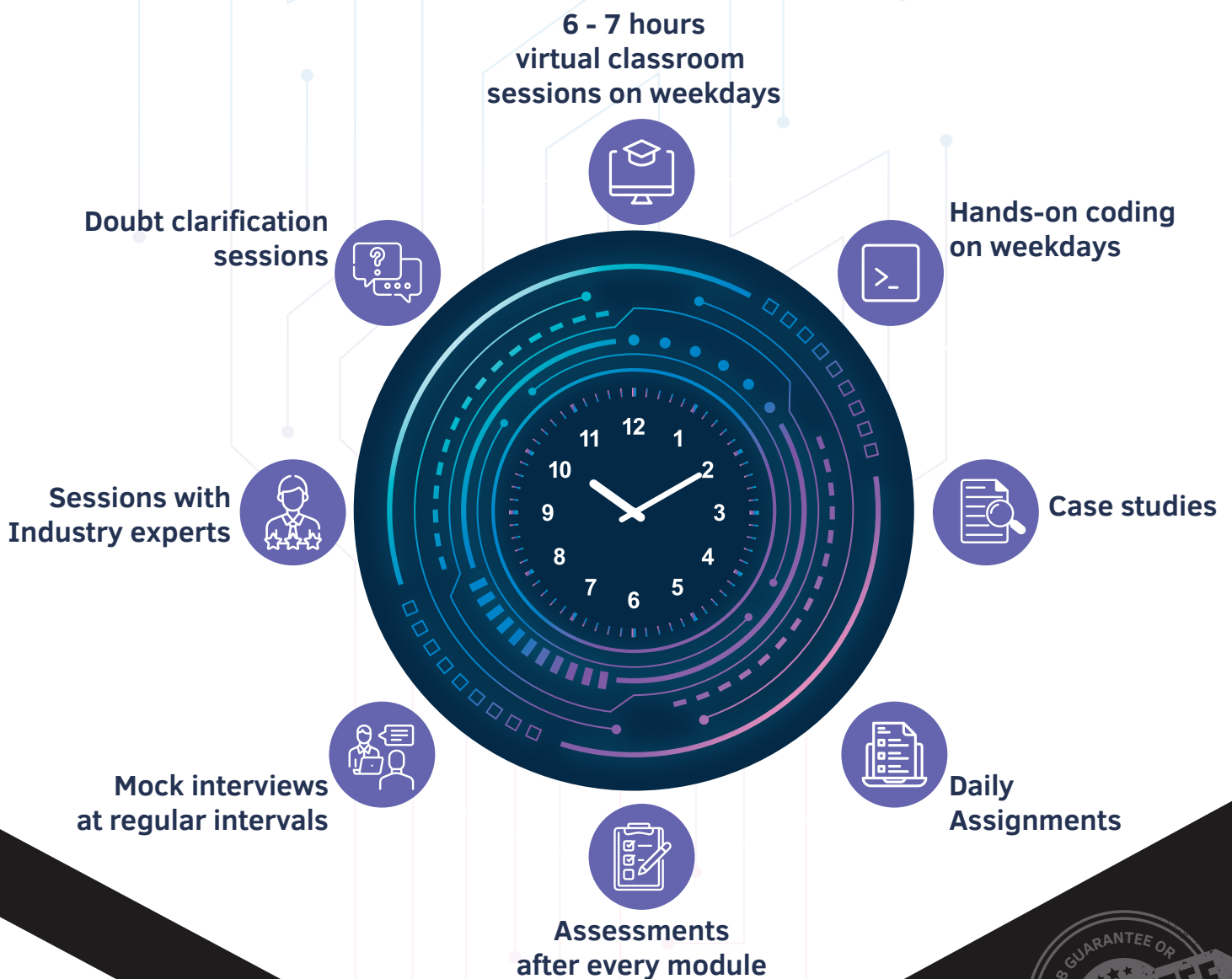
1800 120 1193
www.edubridgeindia.com

ABOUT THE PROGRAM:

The course is designed for learners to learn and develop real-time use-cases with trending technologies of software testing. The course covers technologies like Core Java, Database & SQL, Pseudo Code, Selenium, Cucumber, Gherkins, etc. This will enhance learners' skills to build a fully functional and dynamic web application.

The course also covers aptitude skills and soft skills that will enhance logical thinking and develop confidence of learners.

This program is driven by highly qualified trainers who will guide the learners through the concepts and assignments.



WHAT WILL YOU LEARN?

- Learn basics of testing and their types
- Write test cases for the manual testing applications
- Understand how to install and use Selenium WebDriver to automate a web application
- Use of different testing tools such as Maven, Jenkins, JIRA, ALM, etc

MODULES

Know about
Gherkins

Introduction to
Software
Engineering

Security Testing

Programming
Foundation
with
Pseudo Code

Testing
Concepts

Use Cases and
Use Case Level
Test Cases

DBMS/SQL

Core Java 8 &
Tools for V&V
Automation
Testing

Defect Reporting
and Defect Life
Cycle
Management

Performance
Testing

Overview of API
Programming &
API Testing

TDM & TEM
TDD & BDD

Introduction
to Agile

Test Automation
& Advanced
Selenium

Working of
Cucumber



CURRICULUM:

Programming Foundation with Pseudo Code

- Program development with Pseudocode
- Good Programming Practices
- Algorithm Analysis and Design
- Sorting and Searching Techniques
- Exception Handling

Introduction to Software Engineering

- Introduction to Software Engineering
- Software Development Life Cycle (SDLC)
- SDLC Models
- Software Operations and Maintenance
- Introduction to Requirements Phase
- Introduction to Design Phase
- Introduction to Construction Phase
- Introduction to Testing Phase
- Software Reviews
- Configuration Management Process

DBMS/SQL

- Getting Started with Database
- Basics of SQL
- Data Query Language
- Aggregate (Group) functions
- SQL (Single-Row) Functions
- Joins and Sub-queries
- Introduction to Data Modeling, E-R model and Normalization
- Database Objects
- Set Operators
- Data Manipulation Language
- Transaction Control Language
- Data Control Language

Testing Concepts

- Fundamentals of Testing
- Introduction to Requirements Engineering
- Evolution and Type of Requirements
- Types of Testing Techniques & Test Case Design
- Testing throughout the Software Life Cycle
- Software Testing Lifecycle
- Test Management & Test Case Execution
- Testing Metrics
- Tool Supporting for Testing

Core Java 8 & Development Tools for V&V Automation Testing

- Introduction to Java
- Eclipse 4.4 (Luna) as an IDE
- Language Fundamentals
- Classes and Objects
- Exploring Basic Java Class Libraries
- Inheritance and Polymorphism
- Abstract Classes and Interfaces
- Regular Expressions
- Exception Handling
- Array
- Collection
- File I/O
- Introduction to Junit 4 /Test NG
- Advanced Testing Concepts

Performance Testing

- Introduction to Performance Testing
- Types of Performance Testing
- Choose a tool (Jmeter)

Security Testing

- Introduction to Security Testing

TDM & TEM

- Test Data Management
- Test Environment Management

Use Cases and Use Case Level Test Cases

- Introduction to Use Cases

Defect Reporting and Defect Life Cycle Management

- Defect Free Defect Reporting
- Overview of Defect Tracking Tools
- Introduction to JIRA
- Hands-on JIRA

Introduction to Agile

- Agile Process Framework
- Agile Methods and Practices - SCRUM
- Agile Methods and Practices - Extreme Programming (XP),Lean Software Development & Kanban



- Introduction to Agile Testing
- Agile Testing Quadrants & Agile Test Planning

Overview of API Programming & API Testing

- Overview of API Programming & API Testing

Test Automation & Advanced Selenium

- Introduction to Automation
- Introduction to Selenium
- Working with Selenium IDE
- Selenium 2.0 – WebDriver
- Testing Web Applications Using Web Driver API
- Web Driver Test with XUnit
- Selenium WebDriver - Advanced
- Working with Page Object Model (POM)
- Working with Page Factory & Object Repository
- Selenium Frameworks

TDD & BDD

- Introduction to TDD (Test Driven Development)
- Introduction to BDD

Know about Gherkins

- Gherkin Language Basics
- Gherkin Language – Features, Scenario, Scenario Outline

Working of Cucumber

- Cucumber – Introduction
- Cucumber - Tags, Hooks and Background
- Selenium – Business readable UI automation with Cucumber

Project on Test Engineer

- Agile + Pseudo Live Project (PLP) with Cucumber

HIGHLIGHTS:

1 Dedicated Placement Manager

2 1:1 Career Mentoring

3 LinkedIn Profile Review

4 Access to EduBridge Job Portal

5 Career Fairs & Guest Lectures

6 Premium Resume Builder



CURRICULUM FOR APTITUDE SKILLS:

Quantitative - Number System

- Course Introduction
- Module Introduction
- Number System-Basic Calculations
- Number System-Divisibility Rule
- Number System-Power Cycle
- Number System-Remainder Cycle
- App-Based Problem Solving
- Number System - No. Of Zeros
- Number System-Hcf & Lcm
- Number System – Simplification
- Number System - Surds & Indices
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Percentage

- Percentage – Basics
- Percentage – Formula
- Percentage - Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Simple Interest & Compound Interest

- Simple And Compound Interest- Basic
- Simple And Compound Interest- Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Profit & Loss

- Profit & Loss - Basic
- Profit & Loss - Formula
- Profit & Loss - Problem Solving
- Ratio Proportions
- App-Based Problem Solving
- Partnership
- Ages
- Mixture Allegations

- Averages
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Time Speed & Distance

- Time Speed Distance- Basic & Formula
- Time Speed Distance- Problem Solving
- Problems On Trains- Basic & Formula
- Problems On Trains- Problem Solving
- App-Based Problem Solving
- Boats & Streams - Basic & Formula
- Boats & Streams - Problem Solving
- Clocks- Basics & Formula
- Clocks- Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Time Speed & Distance

- Time Speed Distance- Basic & Formula
- Time Speed Distance- Problem Solving
- Problems On Trains- Basic & Formula
- Problems On Trains- Problem Solving
- App-Based Problem Solving
- Boats & Streams - Basic & Formula
- Boats & Streams - Problem Solving
- Clocks- Basics & Formula
- Clocks- Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal



Quantitative - Time & Work

- Time & Work - Basic & Formula
- Time & Work - Problem Solving
- Pipes & Cistern - Formula & Problems
- App-Based Problem Solving
- Quiz- Student Portal

Quantitative - Permutation Combination & Probability

- Permutation & Combination -Basic
- Permutation & Combination -Formula & Types
- Permutation & Combination- Problem Solving
- Probability- Basic & Formula
- Probability- Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal

Logical Reasoning - Coding & Decoding

- Coding-Decoding - Concept & Types
- Coding-Decoding - Problems On Each Types
- Number Series
- Letter Series
- Alpha Numeric Series
- App-Based Problem Solving
- Calendars
- Direction Sense
- Blood Relations
- Analogy
- App-Based Problem Solving
- Quiz- Student Portal

Logical Reasoning - Data Arrangements

- Seating Arrangements - Basic & Types
- Seating Arrangements - Problems
- Puzzle- Basics & Types
- Puzzle - Problem Solving
- App-Based Problem Solving
- Quiz- Student Portal

Logical Reasoning - Data Interpretation

- Pie Charts
- Bar Graphs
- Line Graphs
- Caselets
- Mixed Graphs
- Tables

Analytical Reasoning - Syllogisms, Inductive & Deductive Reasoning

- Syllogisms
- Statements & Arguments
- Statements & Course Of Action
- Statements & Assumptions
- Statements & Conclusions
- App-Based Problem Solving
- Quiz- Student Portal

Analytical Reasoning - Visual Reasoning

- Dice & Cubes, Figure Counting
- Mirror Images & Water Images
- Series, Analogy, Classification
- Quiz- Student Portal
- Final Quiz- Student Portal



B.E. & B.Tech (Any Streams),
BCA & MCA, ENTC

B.Sc. & M.Sc. (IT, Telecom, Electrical,
Electronics, Communications)

Good communication
in English is a must

Laptop / Desktop
with webcam

ELIGIBILITY

Experienced learners
with 1 to 3 years from
IT / ISTQB certified
Non-IT working
professionals with
valid experience
certificates

Configuration
preferred:
8GB RAM with
500GB HDD

Internet speed -
more than 4MBPS


Secure Your Salary With **digit** Group's Total Protect Policy:

After looking at mass lay-offs during the pandemic, EduBridge has come up with an innovative offering where as an EduBridge Learner will be insured in an event of an unfortunate, loss of job / employment. Upon enrolling for the course, a learner can sign up for Secure Your Salary with Digit Group Total Protect Policy offering as well. Upon meeting certain basic conditions by the insurance partner, Digit Group, the learner will be able to avail of a salary of up to ₹1.2 lakhs* in an event of a job loss. This will give enough safety net for the individual to help him/her through the phase and not rush into joining the first job they find in a panic.

HOW TO APPLY:

Visit
www.edubridgeindia.com

Select the Course

Select the 
Secure My Salary with
Digit Group Total Protect Policy

It's an Add-on to your course before you checkout!

PAYMENT PLANS:

EduBridge understands that learners might need support while enrolling for high end programs and having different payment plans might help them go ahead with enrollment and not worry too much about affordability. Hence a learner will have 3 payment options to choose from. Learners can either enroll by making a full payment upfront or choose to convert that into No-cost EMIs over a period of several months. However, EduBridge also has the one-of-a-kind, Learn & Earn payment plan.

Learn & Earn is a unique payment offering by EduBridge where a learner enrolls for the course of their interest and avails the interest-free, payment plan for upto 15 months. EduBridge also provides an **Assured Scholarship of Rs.24,000/-*** with the 110% Money Back, Job Guarantee linked courses.

BENIFITS	PAY UPFRONT	WITH EMI	LEARN & EARN
	All benefits included with the course+	All benefits included with the course+	All benefits included with the course+
Secure Your Salary (DGTPP)	YES	YES	YES
Resume Creation	Automated Builder	Automated Builder	Customised Service & Automated Builer
Content Access	1 Year	1 Year	Life Time
MasterClass Access	3	3	All
Initial Payment	INR 49,000	INR 5,900	INR 2,000
#No Cost EMI	NA	YES	YES
EMI Tenure	NA	Up tp 9 Months	Up tp 15 Months
Actual Cost	INR 49,000	INR 49,000	INR 99,000
Assured Schlorship*	NA	NA	INR 24,000
Effective Cost	INR 49,000	INR 49,000	INR 77,000

#EMI are Interest Free

*T&C Apply

HOW TO APPLY:

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Click on the
Learn & Earn payment
option during checkout!

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