

# Empower Excel Elevate

## 10 Weeks Program in SOFTWARE TESTING

Integrated with Top experts from MNCs



## ABOUT COMPANY

An Idea of learning and upskilling every single day for the hope of a better tomorrow.

LearnFlu is nothing but an Idea. An Idea of learning and upskilling every single day for the hope of a better tomorrow. LearnFlu is also a disease, which every being alive wishes to have. A disease of learning something new and interesting for the growth they desire

## SUCCESS



## WE OFFER

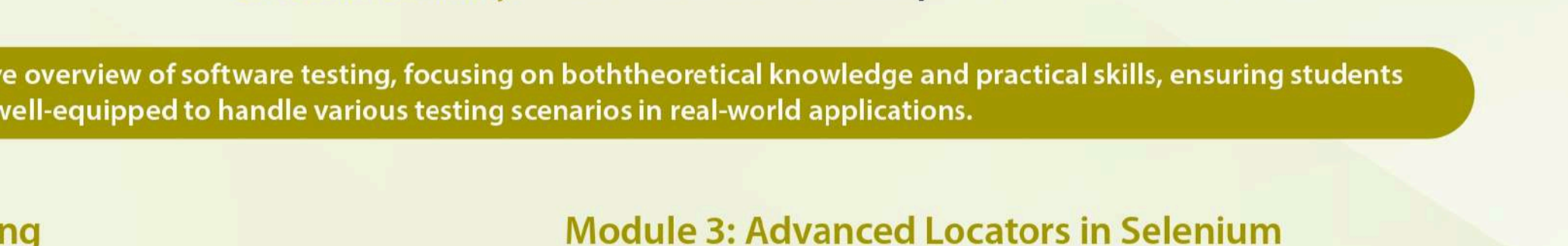


## PROGRAM HIGHLIGHTS

### WHY THIS PROGRAM IS YOUR BEST CHOICE

- 01 LIVE INTERACTIVE SESSIONS WITH INDUSTRY EXPERTS
- 02 MENTOR-DRIVEN SPRINT-BASED REAL-WORLD TEAM PROJECTS
- 03 LIVE MENTORSHIP
- 04 PERSONALISED MENTORSHIP AND CAREER GUIDANCE
- 05 CAREER ASSISTANCE
- 06 DOUBLE CERTIFICATION & CREDIT REPORT
- 07 PLACEMENT ASSISTANCE

## COURSE CURRICULUM



This curriculum offers a comprehensive overview of software testing, focusing on both theoretical knowledge and practical skills, ensuring students are well-equipped to handle various testing scenarios in real-world applications.

**Module 1: Overview of Software Testing**  
**Chapter 1: Introduction to Software Testing**  
 - Definition and importance of software testing  
 - Testing principles and objectives  
 - Types of testing (manual vs. automated)  
**Chapter 2: Software Development Life Cycle (SDLC)**  
 - Overview of SDLC models (Waterfall, Agile, etc.)  
 - Role of testing in SDLC  
 - Different phases of testing in SDLC  
**Chapter 3: Testing Levels and Types**  
 - Unit testing, integration testing, system testing, acceptance testing  
 - Functional vs. non-functional testing  
 - Test case design techniques (black-box, white-box, etc.)

**Module 2: Introduction to Selenium**  
**Chapter 1: What is Selenium?**  
 - Overview of Selenium and its components (Selenium: WebDriver, IDE, Grid)  
 - Setting up the Selenium environment  
 - Advantages of using Selenium for automation testing  
**Chapter 2: Selenium WebDriver Basics**  
 - Understanding WebDriver architecture  
 - Writing your first Selenium test script  
 - Navigating web pages and interacting with web elements  
**Chapter 3: Selenium IDE and Grid**  
 - Using Selenium IDE for record-and-playback testing  
 - Setting up Selenium Grid for parallel testing  
 - Remote testing with Selenium Grid

**Module 3: Advanced Locators in Selenium**  
**Chapter 1: Understanding Locators**  
 - Overview of locators in Selenium (ID, name, class, CSS, XPath)  
 - Choosing the right locator strategy  
**Chapter 2: Advanced Locator Techniques**  
 - Using XPath for dynamic elements  
 - CSS selectors for efficient element identification  
 - Handling iframes and pop-ups with locators  
**Chapter 3: Best Practices for Locators**  
 - Strategies for maintaining locator reliability  
 - Avoiding brittle locators in tests  
 - Performance considerations in locator strategies

**Module 4: Writing Automation Scripts**  
**Chapter 1: Test Script Development**  
 - Structuring your test scripts for maintainability  
 - Creating reusable functions and classes in tests  
 - Error handling and logging in Selenium tests  
**Chapter 2: Data-Driven Testing**  
 - Implementing data-driven testing using Excel and CSV files  
 - Using TestNG or JUnit for data-driven testing  
 - Parameterization of tests for different scenarios  
**Chapter 3: Integrating Selenium with Other Tools**  
 - Using Selenium with Maven for project management  
 - Integrating with Jenkins for continuous integration  
 - Reporting frameworks (e.g., ExtentReports) for test results

**Module 5: Integration Testing**  
**Chapter 1: Understanding Integration Testing**  
 - Definition and importance of integration testing  
 - Types of integration testing (big bang, incremental, etc.)  
 - Tools for integration testing (e.g., Postman, SoapUI)  
**Chapter 2: Designing Integration Tests**  
 - Identifying integration points and dependencies  
 - Writing integration test cases  
 - Best practices for effective integration testing  
**Chapter 3: Automated Integration Testing with Selenium**  
 - Combining Selenium with API testing  
 - Testing workflows across multiple services  
 - Real-world integration testing examples

**Module 6: Acceptance Testing**  
**Chapter 1: Introduction to Acceptance Testing**  
 - Definition and importance of acceptance testing  
 - Types of acceptance testing (user acceptance, operational acceptance)  
 - Role of stakeholders in acceptance testing  
**Chapter 2: Designing Acceptance Tests**  
 - Writing acceptance criteria and scenarios  
 - Using Behavior-Driven Development (BDD) for acceptance testing  
 - Tools for acceptance testing (Cucumber, SpecFlow)  
**Chapter 3: Automating Acceptance Tests**  
 - Integrating Selenium with BDD frameworks  
 - Writing acceptance tests with Cucumber  
 - Running acceptance tests in a CI/CD pipeline

**Module 7: Regression Testing**  
**Chapter 1: Understanding Regression Testing**  
 - Definition and importance of regression testing  
 - Types of regression testing (unit, partial, complete)  
 - When to perform regression testing  
**Chapter 2: Designing Regression Tests**  
 - Creating a regression test suite  
 - Prioritising test cases for regression testing  
 - Managing test cases in test management tools  
**Chapter 3: Automating Regression Testing with Selenium**  
 - Strategies for automating regression tests  
 - Maintaining and updating regression test suites  
 - Case studies of regression testing in real projects

**Module 8: Capstone Project and Review**  
**Chapter 1: Capstone Project Overview**  
 - Objectives and guidelines for the capstone project  
 - Selecting project topics involving testing strategies  
 - Team roles and project planning  
**Chapter 2: Project Implementation**  
 - Developing automated tests using learned concepts  
 - Integrating different testing types in the project  
 - Using version control for project management (e.g., Git)  
**Chapter 3: Presentations and Course Wrap-Up**  
 - Presenting capstone projects and demonstrating test automation  
 - Peer review and constructive feedback  
 - Summary of key concepts and future learning paths

## 2 Weeks Major Projects

## Jobs You Can Apply

- Manual Tester / QA Tester ₹6 – 10 LPA
- Automation Test Engineer , ₹6 – 12 LPA
- SDET (Software Development Engineer in Test), ₹8 – 20+ LPA
- Performance Tester , ₹6 – 12 LPA
- Mobile Application Tester , ₹5 – 10 LPA
- API Tester, ₹6 – 10 LPA.

## Projects

- E-Commerce Website Testing
- Banking or Finance App Testing
- Healthcare Management System Testing

## TOOL BOX



## MEET YOUR MENTOR



**Abhishek**  
 Company : Accolite digital  
 Experience : 5+ years

Abhishek is a seasoned mentor with over 5 years of invaluable experience in the field of software testing. Having served as a team lead in more than 2 multinational corporations, he possesses a wealth of knowledge and leadership skills. Abhishek's expertise is evident through the successful completion of 20+ high-profile projects during his tenure in two distinguished companies. His dedication and exceptional guidance have not only contributed to awards for his outstanding work. Abhishek is a reliable mentor, known for his proficiency in software testing and commitment to achieving excellence in every project.

## PLACEMENT SERVICES

- REACH YOUR DREAM JOB :**  
 AT LEARNFLU, WE ARE DEEPLY COMMITTED TO YOUR LEARNING JOURNEY AND DEDICATED TO YOUR CAREER SUCCESS. OUR COMPREHENSIVE PLACEMENT SERVICES ARE TAILORED TO EQUIP YOU WITH THE SKILLS, CONFIDENCE, AND CONNECTIONS NECESSARY TO SECURE YOUR DREAM TECH JOB
- RESUME PREPARATION :**  
 CRAFT A STANDOUT RESUME WITH EXPERT GUIDANCE TO EFFECTIVELY HIGHLIGHT YOUR SKILLS AND EXPERIENCE, ENSURING YOU CATCH THE ATTENTION OF RECRUITERS.
- SOFT SKILL PREPARATION :**  
 ELEVATE YOUR COMMUNICATION, TEAMWORK, AND LEADERSHIP ABILITIES WITH ENGAGING LIVE SESSIONS AND CUSTOMIZED FEEDBACK, DESIGNED TO HELP YOU EXCEL IN ANY PROFESSIONAL SETTING.
- HIRING PARTNERS AND CAREER PORTAL :**  
 GAIN ACCESS TO LEADING TECH COMPANIES THROUGH OUR EXTENSIVE NETWORK OF HIRING PARTNERS AND OUR EXCLUSIVE CAREER PORTAL, DESIGNED TO CONNECT YOU WITH YOUR IDEAL JOB OPPORTUNITIES.
- MENTORSHIP**  
 GAIN HANDS-ON EXPERIENCE THROUGH INTERNSHIPS AND MENTORED PROJECTS, EARNING AN INDUSTRY CERTIFICATE

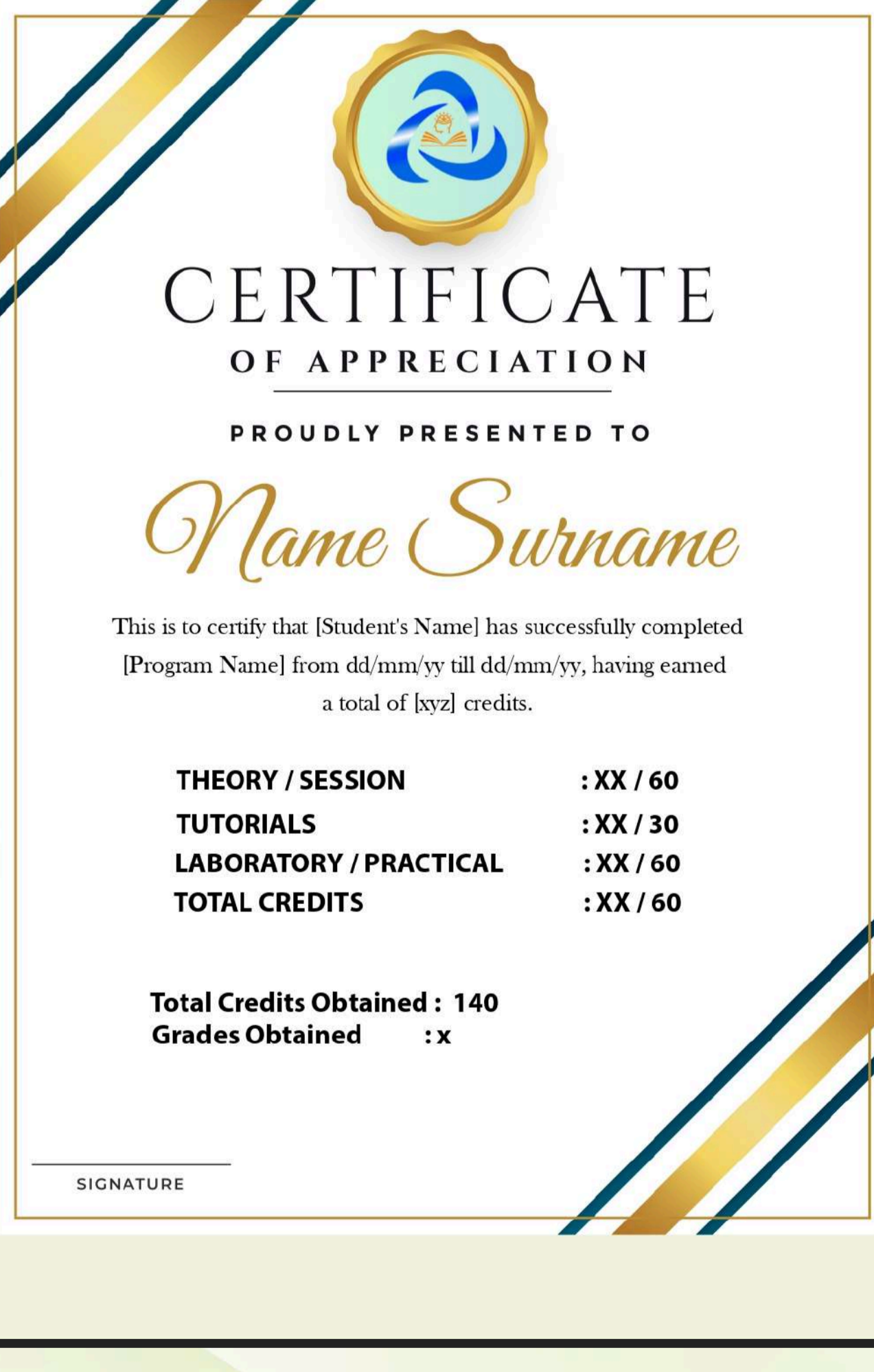
## ADDITIONAL SERVICES

- Linkedin optimization**  
 Optimizing your LinkedIn profile can greatly enhance your professional online presence and increase your
- Career Guidance**  
 Career guidance plays a vital role in helping individuals navigate the complex and often challenging world of work.
- Career Opportunities**  
 Career opportunities are essential as they provide pathways for personal and professional growth, financial stability, and the fulfillment of individual potential and aspirations.
- Hands-on experience**  
 The importance of hands-on experience, especially in the context of professional development and education, is very significant to land your first job.
- Personality Development**  
 Personality development is crucial as it enhances overall personal growth, fosters confidence, and improves interpersonal skills, leading to success in both personal and professional life.



## CREDIT VALIDATION REPORT

## COURSE COMPLETION CERTIFICATE



## INTERNSHIP COMPLETION CERTIFICATE



## STUDENTS REVIEWS

- Sravan ★★★★★**  
 Very good internship program. My mentors are teaching me more technical stuff. I also recommend my friends to do this internship.
- Vasavi ★★★★★**  
 This is the best internship provider with major projects with best experienced mentors.
- Sarvani ★★★★★**  
 This is the best internship and training provider company with 100% job assistance
- Raghu Roy ★★★★★**  
 This is the best internship provider with major projects with best experienced mentors.
- Aradhana ★★★★★**  
 Learnflu seamlessly merges education and technology, offering a dynamic platform for immersive learning experiences. With innovative tools and engaging content, Learnflu elevates the educational landscape."

- Kashish Yadav ★★★★★**  
 Very good internship program. My mentors are teaching me more technical stuff. I also recommend my friends to do this internship.
- Dinakaran ★★★★★**  
 Thank you so much learnflu for giving this wonderful opportunity and developed my knowledge.
- Aju Koshan ★★★★★**  
 I enrolled for web Data Analysis Program for April batch and yesterday was my induction session and session was so good and the mentor Syed Aleem have given very insightful information about this Internship & Training Programme and I am very much excited regarding the program
- Priya ★★★★★**  
 This is a very good learning platform which offers students training and internship program

## OUR ALUMNI WORKS AT



### CONTACT US

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