



GETIN TECHNOLOGIES

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COURSE NAME: PROTRACTOR TRAINING

[Visit our website for Course Fees and Course Duration](#)

Placement Eligibility:

Eligible: Any Bachelor Degree, Any Master Degree, MBA

Not Eligible: Diploma

Class Mode:

Classroom | Online | Recorded Session | AI Session

If you have Completed Course, You want only Placements

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PROTRACTOR SYLLABUS

Introduction to Protractor and WebDriverJS

- What is Protractor?
- Why use Protractor for Angular testing?
- Installing Node.js and npm
- Installing Protractor
- Configuring a Protractor project
- Understanding WebDriverJS
- Basics of Selenium WebDriver

Protractor Basics

- Creating a basic Protractor test
- Understanding the structure of a Protractor test script
- Identifying elements using locators
- Common types of locators (CSS selectors, XPath, etc.)
- Clicking buttons and links
- Entering text into input fields
- Handling dropdowns and checkboxes

Asynchronous Execution in Protractor

- Callbacks, Promises, and async/await
- Handling promises in Protractor
- Dealing with asynchronous code in tests

Advanced Protractor Concepts

- Introduction to POM
- Organizing tests using page objects

- Handling Angular-specific elements and attributes
- Synchronization strategies for Angular applications

Configuration and Reporting

- Configuring Protractor for different environments
- Managing test configurations
- Generating test reports with Protractor
- Integrating Protractor with testing frameworks (Jasmine, Mocha)

Debugging and Troubleshooting

- Using browser developer tools
- Debugging Protractor scripts
- Identifying and fixing common Protractor issues
- Best practices for troubleshooting