



GETIN TECHNOLOGIES

KOVILPATTI (HEAD OFFICE) - 8925831826 | VIRUDHUNAGAR - 8925831828
| TIRUNELVELI- 8925831821 | TUTICORIN - 8925831824 | COIMBATORE -
8925831822 | BANGALORE - 8925831823 | CHENNAI - 8925831821

COURSE NAME: CYPRESS 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

+91 8925831829

Training Partnership with

Placement Partnership with



RAMAUSSYS
ACADEMY



RAMAUSSYS
TECHNOLOGIES

Head Office Address: Door No: 971G/6, 1st Floor, Kalki Street, Manthithoppu Road,
Krishna Nagar, Kovilpatti - 628502.

GST No: 33ABAFG2025J1ZV **Website:** www.getintech.in **Email:** enquiry@getintech.in

CYPRESS COURSE SYLLABUS

Introduction to Cypress

- What is Cypress?
- Key features and advantages
- Installation and project setup

Writing Your First Test

- Setting up a basic test
- Interacting with elements
- Assertions and test structure

Advanced Test Writing

- Working with fixtures and data
- Handling asynchronous operations
- Using custom commands

Test Organization

- Test structure and organization
- Reducing test flakiness
- Code reusability and maintainability

Test Suites and Configuration

- Running test suites
- Configuring Cypress
- Environmental variables

UI Automation and Interaction

- Advanced element interactions
- Handling dropdowns, iframes, and pop-ups
- Keyboard and mouse actions

Data-Driven Testing

- Parameterized tests
- Data-driven testing with fixtures and CSV files
- Generating dynamic test data

Cypress Plugins and Extensions

- Installing and using plugins
- Developing custom commands and plugins
- Cypress Dashboard and parallelization

API Testing with Cypress

- Making API requests
- Validating responses
- Mocking and stubbing API calls

Test Execution and CI/CD Integration

- Running tests locally and in CI/CD pipelines
- Continuous Integration with Jenkins, CircleCI, or GitHub Actions
- Generating test reports and artifacts

Advanced Cypress Techniques

- Advanced usage of custom commands
- Performance testing with Cypress
- Accessibility testing with Axe

End-to-End Testing Strategies

- **Creating a testing strategy**
- **Testing different scenarios (happy path, edge cases, negative testing)**
- **Cross-browser testing**

Test Maintenance and Continuous Improvement

- **Handling test flakiness**
- **Regression testing strategies**
- **Test maintenance best practices**

