

# FULL STACK TESTING WITH CYPRESS

Learn from industry experts and grow into a confident, industry-ready professional.

On-the-job Training

One-on-One Mentoring

100% Placement Assistance

Near Infopark

# Voleergo Academy – Powered By **Voleergo Solutions LLP**

Our career-oriented curriculum combines internships, mock interviews, soft skills development, and recognized IT certifications, equipping every learner with the skills and confidence needed to excel in top IT companies in Kochi, Kerala.

## Why Choose Voleergo

Short-Term & Long-Term Training (2–6 Months)

Online & Offline Learning Modes

Gen AI–Integrated Curriculum

Direct Support from Our Developers

One-to-One Mentoring with Industry Experts

Lifetime Placement Assistance

Live Project Exposure

Live Online & Regular Offline Classes

Placement Training



# IT Training & Internship Programs

Full Stack Development

Data Analytics

Software Testing

UI/UX Designing

AI & Data Science

# Course Outline



## Advanced SQL

- 01 Introduction to Databases
- 02 SQL Basics & Database
- 03 Working with Queries (DQL)
- 04 SQL Control Statements
- 05 Functions in SQL
- 06 Subqueries and Nested Queries
- 07 Working with Joins
- 08 Views
- 09 Stored Procedures

10 Triggers

11 Cursors

12 Indexing and Optimization

13 Backup and Restore

14 Advanced SQL Features

15 AI SQL Tools

## Software Testing

01 Introduction to Software Testing

02 Software Testing Life Cycle (STLC)

03 Agile Methodology

04 Scrum

05 Extreme Programming (XP)

**06** Comparison: Scrum vs Kanban

**07** Kanban Methodology

**08** Waterfall Methodology

**09** Types of Testing

**10** Test Planning & Execution

**11** Writing Test Scenarios and Test Cases

**12** Defect/Bug Lifecycle

**13** Test Execution & Reporting

**14** Jira for Bug Tracking

## Cypress Automation

**01** Introduction to Cypress and Test Automation

**02** Installation and configuration of Cypress

**03** Understanding folder structure in Cypress

04 Cypress Basics and Core Concepts

05 Writing and Organizing Tests in Cypress

06 Cypress - Basic Commands and Locators

07 Cypress - Assertions

08 Handling Waits and Timeouts

09 Page Object Model (POM)

10 Advanced Cypress Concepts

11 Cypress test runner

12 Test Data Management in Cypress

13 Cypress for API Testing

14 Handling Authentication and Authorization

15 Cypress Advanced Features

16 Continuous Integration (CI) with Cypress

17 Best Practices for Cypress Test Automation

## API Testing/JMeter

01 Introduction to API Testing

02 API Testing Tools

03 Getting Started with Postman

04 Setting up environment in Postman

05 Sending Request in Postman

06 Writing Test in Postman

07 Creating collection in Postman

08 Assertions and Validations

09 Advanced Postman Features

10 Postman Automation & CI/CD Integration

11 Getting Started with JMeter

12 HTTP Request Testing

13 Assertions in JMeter

14 Listeners and Result Analysis

15 Advanced JMeter Concepts

16 Data-Driven Testing

17 JMeter Performance Testing

18 JMeter Plugins and Reporting

19 CI/CD Integration



# Tools & Technologies

JavaScript / TypeScript

Postman (API Testing)

Apache JMeter (Performance Testing)

Git / GitHub

# Certifications That Build Your Future





# Career Opportunities

Full Stack Test Engineer

Automation Test Engineer

QA Automation Engineer

Performance Test Engineer

SDET (Software Development Engineer  
in Test)

# Join Our Team




**Voleergo Academy LLP**

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