

TOSCA AUTOMATION

Certification Training



Best Training and Placements Institute

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About Next IT Career

Next IT Career Best Software Coaching Center in Hyderabad Corporate training is a function of human resource management that aims to provide the organization's employees with the knowledge and skills required to be successful. In turn, the growth of employees also contributes to the success of the business. In recent years, Its also seen as a long-term strategic assignment rather than a cost center for the organization. The majority of companies have embraced 'continual learning' in it to promote employee growth both professionally and personally and acquire a highly skilled workforce as a result.



Corporate Training



Classroom Training



Online Training

Why Choose Us?



**Training by
Certified Instructors**



Weekly Assignments



Project Training



Resume Preparation



Mock Interviews



**Interview cracking
tips**

TOSCA AUTOMATION WITH AGENTIC AI

Covered Applications & Integrations:

- Web Based applications
- Desktop Applications
- SAP Applications
- Data Base Automation
- API Automations

Integrations

- Tosca commander to Tosca Cloud Integration
- Tosca with QTest
- Tosca with Distributed Execution (DEX)
- Tosca with Elastic Grid execution
- Tosca with Jenkins

Certifications

Tosca Product Consultant Certificates (12 certifications) -

- AS1,
- AS2,
- TDS1,
- TDS2,
- AE1,
- API,
- Tosca Cloud.

Basics of Manual:

- Software Testing:
- What is Software testing? Types of Testing?
- What is manual testing?
- Difference between Manual & Automation Testing?

Tosca Commander Fundamentals

- What is Automation.
- What is Tricentis Tosca.
- Comparison of Tosca with Other automation tool. Introduction to Tosca.
- Overview of Tosca Commander & Tosca Model Based testing Tosca Commander features
- Tosca commander download & installation Tosca commander tool overview.
- Tosca commander License Activation
- Tosca Sections overview
- Tosca commander components
- Modular framework
 - a) Test management sections
 - 1) Requirement
 - 2) Issues
 - 3) Test Planning
- Test Automation sections
 - a) Modules
 - b) Test case
 - c) Test Case Design
 - d) Executor
 - e) Configurations
- Test Data Integrity
- Tosca Commander Project Overview:
- Project Settings

- Options Info
- About Tosca License
- Close options Dynamic Tab Tools
- API Testing Addon

Basics of Tosca Commander

- Tosca Project Creation:
- Types of Data Base
 - a) SQLite
 - b) MS SQL Server DB2
 - c) Oracle
- What is Single user repository?
- What is common user repository?
- Differences between common and single user repository?
- What is slim work space?
- Tosca Commander
- Handle Home, Ribbon and Record & Play.
- Multiuser activities:
 - a) Check-In All
 - b) Checkout
 - c) Check-out Tree
 - d) Update All
- Test Automation

- Requirement Sections
 - a) What is Frequency class and damage class.

Module Sections

- Types of Engines
 - a) Tbox
 - b) Classic
- Tosca Scanning
 - a) X-scan
 - 1) Basic View
 - 2) Advance View
- Tosca Engines:
 - a) Html
 - b) Vison AI
 - c) GUI
 - d) Non-GUI
 - e) SAP
 - f) Excel
- Tosca Scanning Mechanism:
- Identify by properties
 - 1) Representation
 - 2) Technical Transition
- Identify by Anchor
- Identify by Image
- Identify by Index

- Identify by parent
- Recommended Tosca Properties
 - a) Class name, id, tag, inner text, value

Test case Section Overview:

- Overview of Test case Sections Real-time workflow
- Recommend folder workflow.
- In-work, Ready for Approval, Approved.
- Test case recommended folder.
- Pre-condition Process
- Post-Condition Action modes
- Input
- Verify
- Waiton
- Select
- Constraint
- Buffer
- Data Types
- String
- Number
- Date
- Boolean

- Raw String
- Password
- Secret
- Test case Work States
- Planned
- In-Work
- Completed

Execution Section Overview:

- Overview of Execution Section
- Execution section hierarchy
- Execution List Folder Creation
- Execution List
- Execution Entry

Drag/Drop Actions:

- Modules to Test case
- Test case to Execution

Advanced features of Tosca Commander:

- Browser Operations:
- Open application
- Chrome and Edge and other browsers
- Launch Incognito Browsers

- Launch In-Private Browsers
- Open URL
- Tbox start Program
- Desktop-based application
- Open desktop application
- Open file
- Close Browser Operations
- Close particular tab
- Close windows
- Close specific tabs
- Close specific window Kill the browsers
- Use short cut way to close the browser
- Close desktop application.
- Test Configuration Parameters:
- Overview of TCP
- Syntax of TCP
- System designed TCP
- User Defined TCP
- Overwrite the Project level settings
- Name of the TCP and TCP value
- Different levels to create TCP

- Synchronization
- Default synchronization
- Default time
- Static wait
- Dynamic wait
- Wait using TCP
- Wait using Tbox wait
- Capture Screenshots & Document
- Tbox take screenshot
- Doku snapper
- Before and after screenshot
- How to capture screenshot for failure test case.
- Basic Window Operations
- Tbox take screenshot
- Send Keys
- Tbox Dialog
- Scrolling Behaviour
- Save As
- Tbox Window Operations
- Buffer Operations
- Tbox set Buffers

- Tbox Delete Buffer
- Tbox Name to Buffer
- Dynamic Buffer
- Array Operations
- Tbox array Operations
- Iterative Operations
- Configuration Parameters:
- Explicit Name
- Constraint Index
- Dynamic Expressions:
- Date
- Time Day Month Year
- Date Time
- Random Text
- Random Decimals
- Random Regular Expression
- Reusable Test Step Block
- Overview of RTB
- Purpose of RTB
- Create Library
- Overview of Library

- Business Parameters
- Conditions in Tosca:
- If &Else Condition
- While & Do Repetition
- Arithmetic Operations:
- Math ()
- CALC ()
- Handling Drop Downs:
- Scanning Dropdowns
- Handle Dynamic dropdowns
- Verify list item existence in dropdown
- Realtime: Select Dynamic dropdown list item.
- String Operations:
- String to lower
- String to upper
- Trim
- String length
- String replaces
- Number of occurrences
- String Replace

- Web Tables:
- How to handle Web tables
- Implementations of Web Tosca
- Scanning & Development
- Real time Example
- Handle static table
- Handle Dynamic tables
- Row Count
- Column Count, Result Count
- Excel Operation
- Standard Modules
- Create new excel
- Insert excel data
- Excel range manipulations
- Excel 1:1 Comparison
- PDF Comparison
- PDF 1:1 Comparison
- PDF Module Scanning
- PDF Test case Development
- Handling QR codes
- Handling Bar codes

- Click Operations:
- Click
- X, x method
- Click with JUMP
- Click with pixel method
- Click with percentile method
- Click with horizontal First
- Click with Vertical First
- Recovery Scenarios:
- Overview of Recovery Scenarios
- Create Recovery Scenario
- Clean-up Scenario
- Project level default settings
- TCP with Recovery Scenario
- TC Shell Operations (Command Prompt)
- Project Creation
- Login to Project
- Drag/drop operations
- Execution
- Take Report in Tosca.
- Data Driven Framework

- TCD Overview
- Attribute and Instances
- What is TCD Hierarchy
- How to create Attribute & Instances
- Manual and Automatic approach
- Excel Data design Framework
- Test Data Services(TDS):
 - TDS Overview
 - Tosca Server Setup
 - TDS Standard Modules
 - Access the Data from TDS like simultaneously.
 - Excel data
 - Excel Overview
 - Access data From Excel data
- Distributed Execution (DEX) & Jenkins
 - Overview of Distributed Execution DEX AOS Setup
 - Tosca Server Setup
 - Server setup
 - Agent setup
 - Configurations
 - Execution Scheduling

- What is Test mandate
- Example for Test Mandate & Test Event
- What is Jenkins
- How to Integrate Tosca with Jenkins
- Execute Test Event with Execution client
- How to schedule jobs using Jenkins.

Tosca Automation Recording Assistance (ARA)

- Manual
- Automation
- Exploratory Scenario.

Data Base testing

- DB Testing Overview
- DB Connection setup
- DB ODBC Data Source setup
- DB Example
- DB Standard Modules
- Example using DB
- Create a Data using SQL Query
- Insert Data using SQL Query
- Select Query

Tosca with SAP Project

- Introduction to SAP GUI & Fiori SAP Automation with Tosca
- SAP Login | Logon
- Set up SAP Environment
- Set up SAP Logon and installation
- Set up SAP IDES System
- Overview of SAP
- SAP Menu
- SAP Multiple Logon License
- Warning SAP Sub Toolbar
- SAP Tree View SAP Toolbar
- SAP Emulated Table Tree
- SAP Test case preparation and Execution
- SAP Status bar
- Project:
- Sales & Distribution
- VA01- Create a Sales Order
- VA02- Display Sales Order
- VA03-Display Sales Order
- VL01N-Create Outbound Delivery
- LT03-Create Transfer

- VF01- Create Billing Document
- VF03-Display Billing Document

Tosca with API

- API Testing Introduction
- Overview of API Testing Introduction
- What is API testing?
- Different layers in API
- API Manual Testing
- Overview of Tosca API
- Types of API
- Types of APIs
- Services
- Rest Services
- Soap Services
- What is XML and JSON Play load
- Leveraging Methods in API
- POST Method
- PUT Method
- GET Method
- DELETE Method
- Tosca API Scan Feature

- Record API's
- File URL
- Using Record API scan & Tosca for API tests
- Tosca API Scan both File and URL
- API Scan Result checking
- Tosca Export into test cases and modules
- PAI Modules Assigning the parameters
- API Automation Test cases via Tosca
- Execute API test case in Tosca.

Tosca Cloud

- Vision AI
- What is Vision AI
- Overview of Vision AI
- Create Vision AI modules
- Test Executions
- Recent Updates of VISION AI
- Agentic AI
- Overview of Agentic AI
- Tosca with Agentic AI
- Generate TQL Query
- Get the Test case Summary

- How Agentic Help in Tosca
- Agentic AI Generate test cases
- Co-pilot
- Overview of Co-pilot
- What is Co-pilot
- Uses and Use cases
- Generate test case
- Write TQL Query
- MCP
- Overview of MCP
- LLM Agentic AI
- Realtime Use cases.

Certification & Badges



Key points Training by certified instructor

- Beginner to Advance level training
- 100% hands-on practical training
- Certified and experienced trainers
- Real-time scenario & troubleshooting
- Live class + Recording sessions
- 100% certification clearance program
- Live Material and Recording
- Weekend doubts solving sessions
- 100% hands-on experience in multiple applications
- Troubleshooting on challenges
- Interview cracking tips on topic wise
- Resume Preparation
- Topic wise Interview guidance
- Weekly assignments
- Interview questions & Answers
- Document Industry level CV/Resume Preparation
- Mock Interviews

Our Other Courses

Trending Software Testing courses

Playwright Automation 

Selenium Automation 

Tocsa 

ETL Testing 

Performance Testing 

API Testing 

Load runner 

J-meter 

Neo load 

Manual Testing 

Most Trending Courses

Data Science 

Data Analytics 

Scrum Master 

Most Demand Courses

AWS DevOps 

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Python Full Stack 

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Our Recruitment Partners



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Our Infrastructure

