

100%
Job Guarantee..



IT Training Placement Institute & Consultancy Pune

BENEFITS :

- Free SoftSkills Sessions
- Interviews: Mock Interviews,
- Interview Recordings,
- Individual Evaluation
- Personality Development Sessions
- Resume Building Sessions
- Naukri Profile SEO
- Sessions Video Recording
- Real time Projects
- Paid Internship Program
- 100% Placement Assurance



Devops Engineering

Linux :-

- ▶ Introduction to Linux Foundation
- ▶ Basic Commands of Linux
- ▶ Working with Files and Editors
- ▶ User Administrator in Linux
- ▶ Linux Security System
- ▶ Archiving and Filtering
- ▶ Job Scheduling
- ▶ Linux Package Management
- ▶ Partition and Volume Management
- ▶ Networking and Firewall
- ▶ SSH and SCP
- ▶ Process and Log Management
- ▶ Boot Procedure
- ▶ MariaDB Server
- ▶ http Service

Shell Scripting :-

- ▶ Basic Commands and File Handling
- ▶ Shell, Output and Input. Commands
- ▶ Variable (Set and Unset)
- ▶ Command Line Argument
- ▶ Condition, Loop and Function
- ▶ SED, AWK, SORT, TOP
- ▶ Hosting Services using Shell Scripting

AWS :-

- ▶ Introduction to AWS
- ▶ Foundation: IAM, Pricing Calculator
- ▶ Storage Services: S3, EBS, EFS
- ▶ Computing Services: EC2, ELB, Auto-Scaling, Workspace
- ▶ Networking Services: VPC, NAT, CloudFront, Route53
- ▶ Monitoring Services: CloudWatch, Xray
- ▶ Serverless Computing: Lambda, SAM
- ▶ Provisioning Services: CloudFormation
- ▶ Platform As Service: Elastic BeanStalk
- ▶ Database Services: RDS, DynamoDB
- ▶ Other Services: SQS, SNS

Devops :-

- ▶ Source Code Management Tools: GIT, GitHub, GitLab
- ▶ CI/CD Tools: Jenkins, Github Actions, Gitlab,
- ▶ BitBucket Pipelines
- ▶ Container Tools: ECS, Docker
- ▶ Orchestration Tools: Kubernetes, EKS, KOPS
- ▶ IAAC: Terraform, CloudFormation
- ▶ Configuration Management Tools: Ansible
- ▶ Monitoring Tools: Zabbix/ELK/DataDog
- ▶ Provisioning Services: CloudFormation
- ▶ Build Tool: Gradle/Maven, npm
- ▶ Artefact Management: Artifactory/Nexus,
- ▶ ECR
- ▶ Testing Tools: SonarQube, Junit, Selenium

JAVA Full Stack Developer :-

Core Java :-

- ▶ Introduction of Java
- ▶ Structure of Java
- ▶ Token-keywords, Identifiers
- ▶ Literals (Data), Types of Literals
- ▶ Variable and Data Type
- ▶ Operators
- ▶ Methods
- ▶ Constructor
- ▶ Type Casting
- ▶ What is Class & Object
- ▶ control Flow Statement
- ▶ Loop Statements

Advance Java :-

- ▶ OOPS Concept
- ▶ Interface
- ▶ String Handling
- ▶ Exception Handling,
- ▶ Type of Exception
- ▶ String
- ▶ Wropper Classes
- ▶ Array
- ▶ Collection
- ▶ Input and Output

Web Development :-

- ▶ HTML 5
- ▶ CSS
- ▶ Bootstrap
- ▶ Javascript
- ▶ Angular/React

Frame Work in Java :-

- ▶ Introduction to Spring Framework/spring
- ▶ Introduction to Spring boot Framework/Spring boot
- ▶ Introduction to Hibernate Framework/Only Hibernate
- ▶ Struts2 Framework

Syllabus of Testing Courses

01. Programming Fundamentals

Introduction to OS & Networking
Database Fundamentals & SQL
C Programming
OOPS Concepts

02. Software Testing

Manual Testing

Introduction to Software Applications
* What is Software Application
Testing Methodologies
* Black Box Testing
* White Box Testing
Test Design
* Test Scenarios, Test Cases
* Requirement Traceability Matrix
* Test Case Management: Tool
* Test Data & Creation Techniques
* Negative Testing
* Best Practices of Test Design
Test Execution
* Test Environment Setup
* Running Test Cases
* Logging Defects
* Retesting and Regression
* Challenges in Test Execution
* Test Closure Report
Defect Management
* What is a Defect?
* Defect Reporting
* Defect Severity & Levels
* Defect Priority & levels
* Defect Life Cycle
* Defect Tracking Tools
* Defect Prevention
Types of Non Functional Tests
Quality
* Software Quality Factors
* Quality Management Systems (DMS)
* Quality Assurance (QA) &
Quality Control (QC)
* Testing Metriss
Skills for a Professional Tester

Automation Tools

JIRA Contents

- * Introduction to jira
- * Use of Jira
- * How to install jira
- * Scrum & Sprint Concept
- * Structure of serum tevarn

- * Process flow of scrum & sprint
- * Scrum ceremonies
- * Agile scrum activities in jira
- * Test Management Activities in Jira
- Zephyr Squad Plugin installation]
- * Defect Reporting & Reports Generation

Selenium IDE

- Rerording a Selenium Test Case
- Running a Selenium Script
- Crealing Test Suil
- Synchronization
- Verification commands
- Debugging
- * Start, Breakpoint, Step
- Regular Expressions
- Overview of Automated testing
- * Automation Process
- * Types of Software Applications
- * Components of Software
- * One/Two/Three/Multi Tier
- Architecture
- * Application Domains, Models
- Software Development Life Cycle
- * Phases of SULL in detail
- * Project Team Organization Structure
- * Test Team Roles & Responsibilities
- * Various Application issues
- * Waterfall Model
- * Iterative Model
- * Spiral Model
- * Scope of Automation.
- * Selection of Automation Tool
- * Benefits of Automation
- * Selenium as Automation Tool
- Selenium as Automation Tool
- * Why Selenium
- * Selenium
- * Components [IDE, RC, Webdriver, Grid
- Selenium IDE Meru
- * Toolbar, Editor, Panes

03. Responsive Web Design & Core Java

- HTML 5
- C553
- Bootstrap
- Core Java

04. Advanced Selenium Webdriver

Introduction-WebDriver

- * Why WebDriver
- * End to End Automation Process
- * Integration-Elipse + WebDriver
- * Browser Handling for IE, Chrome, Firefox, HTMI Unit
- * Object Identification for different web elements using
 - * ID, Name, Class, LinkText, Tagname, XPath
 - * Customize Object repository
 - * Checkpoint Data, Image
 - * Synchronization Implicit, Explicit
 - * Performance-Page load time, Internal page navigation
 - * Mouse/Keyboard events handling
 - * Handling of Alerts and Pop Ups
 - * Handle Window handles
- * TestNG
 - * What is TestNG
 - * Installing TestNG
 - * TestNG Annotations
 - * Running a test using TestNG
 - * TestNG Report
 - * Skipping & Prioritizing Tests
 - * Parameterizing tests
- * Frameworks
 - * Data driven Framework
 - * Page Object Model

05. Introduction to Devops

- * What is DevOps?
- * Why DevOps is needed?
- * What is DevOps Transition/
- * DevOps Overview and its Components
- * Technical Challenges
- * Stages Of DevOps Lifecycle
- * Introduction In Deviüs tools

06. BDD with Cucumber

- * TDD/Behavior driven development/ Business driven development)
- * What is Cucumber?
- * Agile Model
- Introduction to Software Testing
 - * What is Software Testing?
 - * 'V'model in detail
 - * Verification Techniques
 - * Reviews, inspections, Walkthrough
 - * Validation
 - * Levels of Testing
- Software Testing Life Cycle
 - * Requirements Analysis
 - * Test Planning, Test Design
 - * Test Execution, Test Closure

* Economics of Testing

- * Integrale Cucumber with eclipse
- * Cucumber selenium java test-case
- * Cusumber feature file
- * JUnit test-runner class
- * Gherkin keywords
- * Step definitions
- * Cucumber options
- * Map in Data tables
- * Data-driven testing using Cucumber
- * Curumber tags
- * Cucumber hoola
- * Tagged hooks in cucumber
- * Execution order of hooks
- * Integrate maven with cucumber.
- * Execute cucumber tests from Jenkins

07. Python Programming"

08. API Testing Using Postman

- * What is an API?
- * What is API Testing
- * API Testing VS Unit Testing
- * What is Web Service
- * Difference between API and Web Service
- * Types of Web Services -REST & SOAP
- * API/Web service Testing challenges
- * API Testing process
- * RESTFUL Web Service
- * Using POSTMAN

09. Salesforce Testing

- * introduction to Cloud computing & CRM
- * What is Cloud Computing?
- * Overview of CRM
- * SaaS, Paas, Iaas
- * Excel based/Relational Salesforce Database
- * Relational Database and its relevance
- * Salesforce and Business Objects & Firds
- * introduction to Salesforce (SFDC)
- * SFDC Business Objects & functionality
- * Understanding Force.com
- * An insight into Standard Objects
- * Understanding Custom Objects
- * Introduction Lu Tabs, Standard & Custom Fields
- * Introduction tu Detail Page & Related Lists
- * Creating Test Suenarios