

# AUTOMATION PHASE:

- Selenium Introduction
  - Complete Installation
  - Configuring and Running test cases on all browsers
  - Locators and identifying object
  - Automating sign-in process for google
- 
- **practise xpath techniques**
  - Advance techniques for selenium
    - ❖ Working on ecommerce website(All possible scenarios)
    - ❖ Generating logic to pass array to add product into cart
    - ❖ Handling dynamic xpaths
- 
- **Practise sheet**
  - Testng(Framework 1)
  - Maven(Framework 2)
  - Jenkins(Framework 3)
  - Testng Reports For Jenkins(Framework 4)
  - Log4j(Framework 5)
  - SunNxt (Automation scenarios)

# API Testing

- Postman Tool
- Rapid API
- RestAssured Library
- RestApi Setup
- Validating Responses for API  
(Multiple api test(zomato,ola,twitter,google docs,github))
- Handling OAuth v1 and v2 authentication method
- Serialization and Deserializtion using POJO classes
- Validating jira api
- Validating trello api
- Generating reports using newman
- Log4j framework
- Jenkins and Testng
- Working on Nodejs

# Appium

- Getting Started with appium
- Installing and configuration
- Appium studio introduction
- Appium first Program
- Native apps Automation
- Gesture controls for Appium
- Live Example on apps
- Maven project
- Integrating with Testng and Maven project
- Advanced concept with different apps
- SunNxt Automation scenario(Login,Signup)
- Working on Cucumber Framework

# Report Generation

- Newman
- TestNg