DevOps is a culture which promotes collaboration between Development and Operations Team to deploy code to production faster in an automated & repeatable way. We are having course offering for DevOps and DevSecOps

*Prereqsite: Knowledge of Linux , Java and development life cycles*

**Introduction to DevOps and DevSecOps**

* What is DevOps and it History?
* DevOps definitions, Software Development Life Cycle and main objectives of the DevOps
* Prerequisites for DevOps
* Continuous Integration and Development.
* What is DevSecOps and its Importance?

**DevOps Tools (Jenkins, Git/GitHub, Tomcat Server ,Maven, Selenium, Docker and so on.)**

**Jenkins Framework**

* Introduction to Jenkins
* Jenkins Installation
* User Profile and Management
* Security and Plugins Management
* Builds Setup
* Integration with Git,  Maven, Tomcat etc

**Git/GitHub**

* What is SCM
* Types of SCM
* Installation and working with Git
* Creating account and working GitHub.
* Working with Repositories

**Build Automation**

* Introduction with Maven
* Maven structure and Phases
* Installation and integration of Maven with Jenkins
* Configuration
* jar/war project structure

**Tomcat Web Server**

* Installation and Configuration
* Tomcat integration with Jenkins
* App Deployment Methods

**Working with Docker**

* Introduction to Docker
* Docker Terminologies
* **Installation of Docker**
* Docker image creation and Docker hands-on
* Docker integration with Jenkins