

Day - 1

- **Understanding DevOps**

- Understanding the software consumption trends
- Trends of software consumption in Past
- Software Development Model in past
- Trends of software consumption in Present day
- Software Development Model in Present day
- Challenges associated
- Challenges for Large Organization

- **Problem that DevOps Solves**

- Organization Characteristics
- Integration Complexity
- Organization Pain
- Identifying Waste

- **What is DevOps?**

- Vision and Directions of DevOps
- Unify multiple platforms
- Automated BuildsDevOps is a Philosophy
- Business Benefits
- Non-Functional Benefits

- **Making a DevOps Transition**

- Change Culture
- Why?
- Change Organization
- Address Objections
- Understanding Stereotypes
- Myths about DevOps

- **Introducing DevOps Automation**

- Collaboration Tools
- Planning Tools
- Issue Tracking Tools
- Monitoring Tools
- Configuration Management Tools
- Dev Environment Tools
- Source Control Tools
- Build Automation Tools
- Packaging Management Tools
- Continuous Integration Tools
- Continuous Delivery Tools
- Rep Management Tools

- **DevOps Best Practices in DevOps**

- Agile Development
- Test Driven Development
- Continuous Integration
- Continuous Delivery
- Continuous Deployment
- Microservices and Container world