

## **Workshop – Docker and Kubernetes**

**Duration:** 2 Days

### **Module 1: Introduction to Containers**

- What is Container?
- Difference between VM and Container

### **Module 2: Docker**

- What is Docker?
- Alternatives of Docker
- Creating and Deleting Containers
- Starting and Stopping Containers
- Basics of Dockerfile – To create image

### **Module 3: Kubernetes**

- Introduction to Kubernetes
- Kubernetes Architecture
- Managing Pods
- Managing Replica Sets and Deployments
- Deployment Strategies – Theory only
- Managing Services – ClusterIP
- Managing DaemonSet