

## Day - 1

- **DevOps Concept & Process**

- Need for DevOps
- DevOps Culture
- DevOps Tools

- **Configuration Management**

- What Is Configuration Management?
- Why You Need a Configuration Management Tool to Automate IT
- What Is Chef?
- Why Chef Might Be a Good Tool for Your Enterprise?
- Chef Development Tools

- **Become a Chef Programmer**

- Writing First Chef Recipe
- Chef and Its Terminology
- Chef Syntax and Examples
- Chef Resources, Actions and properties

- **Writing Cookbooks**

- Typography-
- Using Cookbooks
- Developing Your First Cookbook
- Creating the Index File
- Changing the Metadata
- Uploading the Cookbook
- Running the Cookbook
- Documentation in Chef
- Meta info in Chef

- **Chef Server**

- Setup Chef Server in Centos
- Chef Organization
- Config Chef Manage
- Working with Knife and configuration
- Using Chef Serve
- Uploading the Cookbook
- Chef ing Linux Nodes
- Chef ing Windows Nodes
- Running the Cookbook

## Day - 3

- **Chef Attributes**
- **Files Operations in Cookbook**
- **Templates Operations in Cookbook**
- **Notifications**
- **Cookbook Dependencies**
- **Recipe Inclusion**
- **Data Bags**

## Day - 3

- **Chef Environments**
- **Chef roles**
- **Chef Solo**
- **Push Jobs**
- **Chef Supermarket**
- **Chef Configurations Deep Dive**

## Day - 4

- **Chef Code Analysis using Foodcritic**
- **Chef Unit Testing ChefSpec**
- **Chef Integration Testing using TestKitchen**

## Day - 5

- **Fundamental of Ruby**
- **Chef in Windows**
- **Chef Automate Essentials**
- **Push Jobs Server**
- **InSpec**