

## Cloud Computing – Salesforce (SaaS)

### Course details

Duration: 30 hours

Location: Pune

Course Outline:

- Introduction to Force.com
  - Designing Applications on Force.com Platform
  - Basic Application Design
  - Building Application on Force.com Platform
  - Introduction to Sample Application
  - Building Data Model
  - Data Base Concept
  - Introducing Application
  - Custom Apps
  - Custom Objects
  - Custom Fields
  - Custom Tabs
  - Page Layouts
- Introducing Business Logic
  - Object Relationship
  - Lookup Relationship
  - Master-Detail Relationship
  - Significance of Junction Object
  - Roll-up Summary Fields
  - Picklist Field and Field Dependencies
  - Record Types
  - Formula Fields
  - Validation Rules
  - Introducing Search Layouts
- Automate Business Process with Workflow
  - Creating Workflow Rules
  - Time Dependent Workflow Rule
  - Introducing Email Templates
  - Workflow Actions
  - Automate Business Process with Approval process
  - Multi step Approval Process
  - Skipping Steps in Approval Process
  - Monitoring Process
- Force.com Security

- Organization Level Security
- User Security
- Network based security
- Session Security
- Auditing Process
- Auditing Configuration Changes
- Force.com Security Framework
- Profile based Sharing
- Administrative permissions
- Component-based Security
- Record-based Sharing
- Introducing Sharing Rules & Role Hierarchy
- Introducing other Force.com concepts: Governing Limit
- Data Management
  - Introducing Reports
  - Introducing Dashboard
  - Custom Report Types
  - Data Management Tools
  - Introducing Data Loader
  - Insert, Update, Upsert, Delete data using Data Loader
- Customizing the Application.
  - VisualForce Pages
  - Introduction to Visualforce Pages
  - VisualForce Components
  - Form and Output Component
  - JavaScript in VisualForce
  - Introduction Apex Class
  - Apex Classes
  - Apex Data Objects
  - Collection
  - Loops
  - Exception Handling
  - Introducing Triggers
  - Explore Deployment Process
  - Force.com Platform IDE
  - Basic concepts of Ant Deployment Tool
- Application hands-on