

**Note:** Visualforce, Apex and Triggers are explained with real-time business uses cases(i.e. will be picking form my current project and explained)

10% of course content is customized as per student needs.

### **Sales force Course Content**

SFDC Admin

1.Introduction to cloud computing

2.Cloud Types

3.Salesforce Products

4.Communities

Customer Communites

Partner Communites

Employee Communites

Community user creation

Community registration

5.Manage User

Roles

Profiles

User Creation

Permission Sets

Groups

Queues

6.Applications&Objects&Tabs

7.Fields&Relation

Standard Fields

Custom Fields

Master-Detail

Lookup

Junction Object

Rollup Summary

Validations

Formulas

8.Layouts

Search Layouts

Page layouts

Mini pageLAYOUT

Console layouts

Record Types

Field level security

9.Security Model

Field level

OWD(Organization wide default)

Role Hierarchies

Sharing Rules

Manual Sharing Rules

Object level

Profile

Permission Set

Field level

Profile level

pagelayout

Permission set

10.Work Flows

Work Flow Actions

Task Creation

Field Update

Email alert - Email Templates

Outbound Message

Time Dependent work flow actions

11.Approval Process

Introduction to approval processing

Dynamic Approval Process

Multi Level Approval Process

Parallel Approval Process

Approval Actions

Rejection Actions

12.Process Builder

13.Data Migration (Legacy System)

Migration using Dataloader

Migration using workbench

14.Reports & Dashboard

Standard & Custom Reports

Report Types

Tabular

Summary

Matrix

Dashboard

Creating dashboard

Adding dashboard to home page

15.Discussion of Salesforce Sales Cloud and Service Cloud Process

## *SFDC Development*

### Visualforce

#### 1.Create VF page

#### 2.apex:PageBlock

- Pageblocksection

- pageblocksectionitem

- pageblockbutton

#### 3.Input Components

- apex:inputtext

- apex:inputfield

- apex:Inputsecret

- apex:inputtextarea

- apex:inputcheckbox

- apex:selectoption

- apex:selectradio

- apex:inputfile

#### 4.Output Components

- apex:outputtext

- apex:outputlabel

- apex:outputfield

#### 5.List Views

- apex:pageblocktable

- apex:datatable

- apex:repeat

#### 6.Action Componenets

- apex:actionsupport

- apex:actionfunction

- apex:actionstatus

- apex:actionregion

- apex:actionpooling

#### 7.JS in VF page

- Internal & External JS

- Validations

### Apex

#### 1.OOPS Concepts

#### 2.Class

- Variables

- Methods

- Excpetions handling

### 3. Wrapper Class

### 4. Collections

List

Set

Map

### 5. SOQL & SOSL

Parent-child soql

Child-parent soql

Dynamic soql

### 6. DML Operations

### 7. Batch Apex

Start Method

Execute Method

Finish Method

Database.Batchable context

Database.Stateful

Database.QueryLocator

Database.Allow callouts

Triggering email from finish methods

Invoking batch class from another batch class

### 8. Schedule Apex

Governing Limits

### 9. Email Services

Single Email Message

Mass Email Message

Governing Limits

### 10. Triggers

Events

Context variables

Trigger.new

Trigger.old

Trigger.newmap

Trigger.oldmap

Validation rules with triggers

Workflow action with triggers

Delete Triggers

### 11. Extensions

Standard controllers

Custom Controllers

Standard set controllers

12. Custom Setting

List

Hierarchical

13. Apex based approval processing

14. Apex Test Class

15. Data Migration using Import wizard and data loader

16. Code Deployment using Change-sets and Force.com IDE

17. Sales force Communities

18. Sales force lightning design system

19. Lightning AURA framework.