1.**Introduction to SharePoint**

* What is SharePoint
* History of SharePoint
* SharePoint terminologies
* Farm
* Web Application
* Site collection
* Sites
* web parts
* content types
* pages
* lists
* libraries
* The 6 pillars of SharePoint 2013/2016

**2. SharePoint 2013/2016 OOB Solutions**

* Creating site collections
* Creating sites
* Saving sites as template
* Creating sites based on templates
* Saving lists and libraries as template
* Creating lists and libraries based on templates
* SharePoint Security(Authentication &amp; Authorization)

**3. SharePoint Designer solutions**

* What is SharePoint designer
* How to create data sources using SharePoint designer
* How to build workflow using SharePoint designer
* How to create views and forms using SharePoint designer
* How to brand sites and master pages using SharePoint designer

**4. Workflow**

* What is Workflow
* OOB and Non-code custom workflows
* OOB workflows
* Workflow steps
* Workflow conditions
* Workflow actions
* Types of workflows
* List workflow
* Reusable workflows
* Site workflows

**5. InfoPath**

* What is InfoPath
* Types of InfoPath forms
* What are controls
* What are sections
* Validations, formatting and actions
* Adding rules, conditional formatting and validations
* Capturing user information
* Converting existing documents to InfoPath forms
* Creating data sources
* Creating views and sections
* Navigating from one view to another

**6. SharePoint and SQL server**

* Introduction to SQL Server
* Important database concepts
* Database
* Data types
* Tables
* Views
* T-SQL Statements
* SELECT, ALTER, DELETE and INSERET (CRUD)
* What is the relationship b/n SharePoint and SQL Server

**7. Introduction to SharePoint Development Environment (IDE)**

* Visual Studio
* C#
* Introduction to C# Language
* Data types,
* Variables,
* Operators,
* Casting;
* Control statements,
* Loops,
* Classes,
* Object,
* Members,
* Properties,
* Methods,
* Functions,
* Encapsulation,
* Inheritance,
* Polymorphism,
* .NET Framework
* ASP.NET

**8. SharePoint Solutions**

* Accessing SharePoint Objects using console applications
* Types of Solutions
* Farm
* Sandbox
* Creating Farm solutions
* Creating Sandbox solutions
* Developing solution
* Debugging Solution
* Packaging and Deploying Solution

**9. Web parts and Visual Web parts**

* What is the difference b/n web parts and Visual web parts
* Creating web parts
* Creating visual web parts

**10. Common Visual Studio solutions**

* Creating site columns
* Creating content types
* Creating List Definition
* Creating Lists
* Creating Site definition
* Custom workflows

**11. Event receiver**

* What are event receiver
* Types of event receiver
* Creating event receiver

**12. Accessing SharePoint Data using Server side APIs**

* Understanding the most common SharePoint Classes
* SPContext, SPSite, SPWeb and SPList
* Retrieving and Manipulating data using SPList, SPListItemCollection, SPListItem and Query
* LINQ
* CAML

**13. Business Connectivity Services(BCS)**

* External Content types
* Accessing External Data with using BCS
* 14. Business Intelligence
* SQL Server Integration Services (SSIS)
* SQL Server Analysis Services (SSAS)
* SQL Server Reporting Services (SSRS)

**15. Other related topics**

* XML
* HTML
* CSS
* Java Script
* Jquery
* PowerShell
* Command Prompt