

SharePoint CourseContent

SECTION 1: GENERAL INTRODUCTION

- What is IIS
- IIS Website & Web Application
- What is Application Pool
- What is AppDomain
- What is ISAPI Filter / Extension
- Web Garden & Web Farm
- HTTPS and SSL
- Active Directory users and groups creation

SECTION 2: INTRODUCTION TO SHAREPOINT ONLINE

- What is SharePoint
- High Level Features
- Six Pillars of SharePoint Online
- Version History of SharePoint
- Role of SharePoint Server in LAN
- Components in SharePoint

SECTION 3: SHAREPOINT INSTALLATION AND ADMINISTRATION

- Hardware & Software Requirements
- Supported Browser
- Types of Installation
- Software's to be Installed
- Central Administration Site
- Managed Accounts

SECTION 4: SHAREPOINT SITE HIERARCHY

- SharePoint Site Hierarchy
- Web Application
- Site Collection
- Creating Site and Sub Site
- SharePoint site Home Page.

- Branding Site Look and Feel
- Save Site as Template
- Create Site from Template

SECTION 5: INTRODUCTION TO APPS SHAREPOINT 2013

- Overview of Apps
- Create Custom List
- Add Custom Columns
- Site Columns and Groups
- Sort and Filter List
- Create / Manage List View
- Content Type
- List Template
- Versioning of Data
- Metadata Navigation Settings
- List Throttling
- Retention Policy
- Target Audience

SECTION 6: BUILTIN APPS CONFIGURATION – LIST & LIBRARIES

- Predefined List Apps
- Predefined Library Apps.
- Editing Document properties Version Settings
- Check out, edit, and check in files
- Create folders and navigate between them
- Adding Documents
- Library as Template
- Content Approval
- Design Document Template

SECTION 7: SECURITY – USER GROUPS AND PERMISSIONS

- Authentication vs. Authorization
- Creating users and groups in Active Directory
- SharePoint Groups
- Creating Custom Permissions Groups
- Granting Permission to User/groups
- To Create a Custom Permission level
- > To bind Users/Groups and Permission Level
- Managing Permissions in Sub site

- Allow Users to create their own site
- Permissions for Lists / Libraries / ListItems

SECTION 8: ENTERPRISE CONTENT MANAGEMENT

- Term, Termsets& Keywords
- Managed Metadata Servic
- Enterprise Content Type
- Document sets
- Document ID Service and IDs
- In Place Record Management
- Record Center
- Configure Record Library as Template.

SECTION 9: WORKING WITH WEBPARTS

- Building a Simple Web Part
- Persisting Properties
- Editing Properties in Editor WebPart
- Developing Custom Editor WebPart
- Composite Web Part
- Visual Web Part
- Web Part Communication.
- Customizing pages/forms using Content Editor Webpart.

SECTION 10: WORKFLOW

- What is Workflow
- SharePoint Workflows
 - 3-State Workflow
 - Approval Workflow
- Custom Workflow

SECTION 11: SHAREPOINT DESIGNER

- Introduction to SharePoint Designer 2013
- Creating / Opening a site in SPD 2013
- Creating / Customizing Lists and Libraries
- Understand Master Pages
- Branding SharePoint 2010

SECTION 12: SANDBOXED SOLUTIONS

- What is Sandboxed Solution
- Comparing Farm Solution with Sandbox Solutions
- Benefits of using sandboxed solutions
- To enable sandboxed solutions by using Central Administration
- Create a Sandboxed Solution Project with a web part
- Build and Deploy the Sandboxed Solution
- Using Windows PowerShell for Administration Sandboxed Solutions.

SECTION 13: HIGH LEVEL ON

- Overview of PowerShell
- Server Object Model
 - Using Microsoft.SharePoint.DLL
 - Site Architecture and Object Overview
 - SPWebApplication, SPSite, SPWeb, SPList and more...
 - Sample Programs to understand the Object Model
- CAML
- Client side Object modal(CSOM)
- Javascript Object Modal(JSOM)
- Understanding of Rest Services
- Pnp Powershell
- Search

SECTION 14: EVOLUTION OF SHAREPOINT

- Comparison of 2010,2013,2016, Office 365
- Introduction to Office 365
- Microsoft Flow
- PowerApps
- PowerBI

SECTION 15: DATA MIGRATION

- Migrate from On-premise to Online
- Migration tool ShareGate
- Migration by Custom tools

SECTION 16: ADVANCED BRANDING

- Cascading style sheet in sharepoint
- Master Pages
- Page layouts

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