AEM 6.3 Basics and Advanced Training course Material:

Day 1:

   Installation and overview of Adobe AEM.

   Knowledge of AEM Consoles and configurations. (DAM, Tools, Users etc.)

Day 2:

   Overview of the Product and Platform architectures

   Overview of the OSGI Framework, JCR, REST, and Apache Sling Technologies.

   Sling resource resolver and practical implementation.

Day 3:

   Installing and utilizing CRXDE and CRXDE Lite, Author and publish instance setup

   Creating, Adding, and Managing Components using CRXDE lite.

   Taking input from Authors using Component and Design Dialogs. Understanding of properties.

   Classic UI: Overview of Sidekick and authoring features.

   Touch UI: Consoles and configurations.

Day 4:

   Creating and Managing Templates and associated page-rendering Components

   Defining and assigning a Design to a web site. (understanding of Design integration through slightly and library)

  Creation of sample component , apply design.

Day 5:

   Creation of AEM project in eclipse using archetype.

   Create prototype project utilizing the OSGI bundles and consuming classed defined in them.

Bundles states and console properties in bundle manager.

Integration of AEM and Eclipse, deployment of bundles and configuration manager.

Day 6:

AEM Components – Dialogs, Touch UI dialogs (Multifield).

Design integration.

Practical.

Day 7:

AEM build process.

Integration of AEM with Maven and Vault Integration.

AEM debug mode and debugging concepts/configurations in java.

Run-modes in AEM

Day 8:

Editable templates.

Creation of Editable templates, Initial vs Structure content.

POC on editable template.

Day 9:

Integrate Sightly in AEM, Syntax and implementation – Part -1

Sample component creation using slightly.

Day 10:

Integrate Sightly in AEM, Syntax and implementation – Part -2

Sample component creation using slightly.

Day 10:

USE API: WCMUsePojo Class – Usage and integration with components.

API methods and integration.

Day 11:

Sling Models in adobe AEM – Part - 1.

Annotation definition and integration in AEM.

Day 12:

Sling Models in adobe AEM – Part - 2.

Annotation definition and integration in AEM. (Practical)

Day 13:

Experience Fragment in Adobe AEM.

Integration with AEM (Practical).

Day 14:

Assets Integration in AEM. (DAM)

Organizing assets in folder

Managing renditions, versions, references.

Editing an existing metadata.

Day 15:

Walkthrough of basics of AEM services. (Flow)

Implementation of Sample AEM service.

Integration of AEM service in slightly, understand difference between service and components.

Understanding of Configuration factory and meta data in services.

Day 16:

REST based Web services walk through and implementation of sample REST based web services.

Walkthrough of POSTMAN plugin.

Day 17:

Debugging in AEM application. (Tools and methods to investigate and find root cause)

Understanding of replication agents and creation of users including system users.

Personalization basics.

Day 18:

Workflows in AEM.

Example workflow of creating custom workflow.

Schedulers in AEM.