WebSphere Application Server Course Content

1. **Introduction to servers.**

2. **Need of Servers to the Industry.**

3. **Introduction to java and j2ee technologies.**

4. **Differences between 6.0, 6.1 & 7.0**

5. **Installation overview.**

6. **Installation through GUI and Silent Mode.**

7. **Introduction to WAS Profiles.**

8. **Installing WAS Profiles.**

9. **Working with Application Server Profile.**

10. **Understanding differences between Dmgr, Application Server and Custom Profiles.**

11. **Need of Federation of Profiles to Dmgr.**

12. Understanding Node, Node Agent, Server and Cell.

13. Enabling Global security with LocalOS, Custom Registry and LDAP.

14. Installing DB2 database.

15. Configuring Websphere Application Server with DB2 database.

16. Installing Oracle database.

17. Configuring Websphere Application Server with Oracle database.

18. Understanding Data Sources and JDBC providers.

19. Introduction to WebServer.

20. Installing IHS Server.

21. Installing plugins.

22. Configuring IHS Server and WebSphere Application Server.

23. Accessing Applications through IHS Server.

24. Understanding architecture of Websphere Application Server.

25. Understanding request and response flow from Browser to Database.

26. Introduction to different types of Clusters.

27. Understanding Work Load Management (WLM).

28. Creating Clusters and Cluster Members on multiple nodes.

29. Need of Virtual Host.

30. Configuring Virtual Host.

31. Enabling SSL for Websphere Application Server.

32. Enabling SSL for IHS Server.

33. Deploying Applications

34. Trouble Shooting

35. Understanding Fix Packs

36. Shared Libraries

37. Configuring Websphere Variables

38. Troubleshooting (Log's & Logging Utilities)

39. Understanding differences between Windows and Linux environment

40. Working with Websphere on Linux Environment

41. Real Time scenarios & Major issues.

42. Introduction to WEBSPHERE PROCESS SERVER, WEBLOGIC &
    APACHE TOMCAT SERVER (If time permits)