# TIBCO COURSE CONTENT

- EAI CONCEPTS
  - a. Introduction to Integration and EAI tools
  - b. EAI tools in the market
  - c. What is TIBCO?
- TIBCO
  - a. TIBCO Runtime Agent (TRA)
  - b. How TIBCO supports EAI
- TIBCO BUSINESS WORKS
  - a. Introduction to Business works
  - b. Installation of TIBCO
  - c. Overview of TIBCO designer and Tester Utility
  - d. Working with palettes with complex Transformations.
  - e. FILE
  - f. XML
  - g. PARSE
  - h. HTTP
  - i. JDBC
  - j. SOAP
  - k. WSDL
  - l. XML tools
  - m. XML activities
  - n. GENERAL Configuration palette
  - o. JMS palette
  - p. Java palette
  - q. Transaction palette
  - r. Creating Alias Library
  - s. Overview of Grouping and its usage
  - t. Overview and usage of various variables in TIBCO BW
  - u. Xpath formula builder

- WEB SERVICES
    - a. Introduction to Web services and SOAP
    - b. WebServies implementation in Tibco BW using
    - c. SOAP Palette / Service Palette
- TIBCO EMS
    - a. Introduction & Architecture of JMS
    - b. Overview of EMS
    - c. Message mode
    - d. Topics / Queues
    - e. Difference between Topics & Queues
    - f. Creation of topics/queues
    - g. Bridging topics
    - h. Persistence and non persistence
    - i. Durable/non durable
    - j. EMS Examples
    - k. Creating Bridges
    - l. Granting previllage, etc
    - m. Routes & Fault Tolerance
- TIBCO ADAPTERS
    - a. ADB Adapter with example
    - b. MQ Adapter with example
- TIBCO RENDEZVOUS
    - a. Introduction to Rendezvous
    - b. Rendezvous Architecture
    - c. Types of messaging
    - d. Reliable messaging & certified messaging
    - e. Rendezvous Examples
    - f. Publish/subscribe, Point to Point, multicast messaging
    - g. Distributed Queue
    - h. Fault Tolerance
    - i. Virtual circuits
    - j. Rendezvous routing Demon (rvrd)
    - k. Rendezvous Agent (rva)

- TIBCO ADMINISTRATOR
    - a. Introduction to TIBCO Administrator
    - b. Creating & deploying ear files
    - c. Creation of domain
    - d. How to add a machine in a domain
    - e. Creating user and roles
    - f. How to grant roles to the User.
    - g. Creating Applications
    - h. How to deploy EAR file
    - i. How to start/stop the process