**Day 1 & 2**

**Session 1: J2EE Overview**

* J2EE Container
* Packaging Web applications
* J2EE compliant web application
* Deployment tools.
* Web application life cycle
* Deploying web applications.
* Web Services Support

**Session 2,3,4**

* Servlets : Dynamic Content Generation
* Advantages of Servlets over CGI
* Servlet Life cycle
* Servlet API & Deployment
* Servlet Annotations
* The Servlet interface
* The HttpServlet,
  + HttpServletRequest,
  + HttpServletResponse
  + Exception Handling
* Servlet , DAO , POJO DB Layers
* Session
* Session Management
* Session Tracking with
  + Cookies
  + HttpSession
* Request Dispatcher
* Page Navigation
* Complete Case study Servlet Based

**Assignment** – Lab: Implement exception handling in Servlet. Use Java Servlets technology in designing and implementing an Air Ticket reservation system. Incorporate Sessions in the Air Ticket reservation system. Assignment – Reading:

***Know more about the HTTP protocol at www.w3c.org Assignment – Tutorial: Compare which way of session tracking is better Cookies or HttpSession.***

**Session 5:**

* Internationalization and Localization:
* Basics Read and set the locale by using the locale object
* Create and read Properties file
* Build a resource bundle for each locale and load a resource bundle in an application