

# Advance Java

**DURATION - 75 Days**  
**SESSION - 1½ Hrs/Day**

## SYLLABUS

- 1. Vectors & Java Stack with example**
- 2. Reading & Writing files in Java**
- 3. Working with NON - Linear Data Structure:**
  - GRAPHS
  - TREES
- 4. Servlet:**
  - Life cycle & usage
- 5. JSP**
  - Life cycle & directives
  - Servlet v/s. JSP
- 6. CREATING API using SWINGS**
  - Create calculator API
- 7. EVENT HANDLING USING AWT**
- 8. Using APPLETS**
  - Playing audio
  - Animation
- 9. Working with JDBC**
  - Connecting to database
- 10. Java Networking**
  - Client – server CHAT
- 11. Synchronization in JAVA**
  - THREAD implementation
- 12. JAVA BEANS**
- 13. Session Management**
  - Cookies
- 14. Project work (Working with NETBEANS / E LIPSE / INTELLI J)**

