

**DURATION : 3 Months**

## 1.UNIX

- Introduction to unix
- History of unix
- Overview & different levels of run levels
- Introduction to shell
- Different types of shells
- Fundamentals of working on unix system
- Introduction to filesystems
- Working with files & directories
- File permissions
- I/O Redirection
- Working with VI editor
- Shell basics & its variables
- Using pipes & filters
- Process control & management
- Customizing user environment
- Unix utilities

## 2.SOLARIS

- Overview
- Installing the Solaris OS
- The System Boot Process
- Managing Local Disk Devices and Device Configuration
- Performing User Administration in the Solaris OS
- Configuring the Solaris Volume Manager Software
- Managing Swap Configuration
- Configuring NFS
- Configuring AutoFS

## 3.JAVA

- Enterprise Java Overview
- Java 2 Enterprise Edition

## 4.WEBLOGIC

- Weblogic Server Basics
- Weblogic Application Server Installation and configurations
- Application Deployment
- WLS and HTTP servers
- Weblogic Clustering
- Weblogic Performance Tuning
- Administration tools
- Weblogic Node manager
- Application Security
- Troubleshooting

## 5.WEBSHERE

- WAS product Family overview
- Architectural Overview
- Installation Concepts
- Administration Basics
- Working with Application Server
- Fix packs
- Application Install
- Managing the configuration files
- Managing Web Server with WAS
- Trouble Shooting
- Monitoring

## 6.APACHE

- Introduction to Apache (15-30 mins)
- Installation of Apache (30-60 mins)
- Configuration (~ 120 mins)
- Logging on Apache (30-60 mins)

- URL Handling on Apache (60-75 mins)
- Virtual Hosting on Apache (45-60 mins)
- Directory Indexing on Apache (5-15 mins)
- Apache Performance Tuning (45-60 mins)

## 7.JBOSS

- Java EE
- JBoss
- Installation
- Directory Structure
- Starting/Stopping
- Deployments
- Services
- Class Loading
- Database Connectivity
- Security
- Performance
- High Availability and Scalability