



Sub Committee for Curriculum Development

Course Name: Introduction to Java Enterprise Framework

(UG/PG): UG

Number of Credits: 02

Level: 02

Learning Objective(s):

- Provide concise definitions for the features and technologies used in creating Java enterprise framework.
- Understand development model of Java Enterprise Architecture big picture, and its components.
- Create step-by-step J2EE Web applications.
- Acquire hands-on experience in developing applications.

Pedagogy:

- Lectures
- Class Discussion
- Lab Session

Pre-learning:

- Understanding of Java SE

Course Outline:

S.No	Topic	Hours
1.	Java EE:- Introduction, Concept , application development in JEE, Components of JEE Multi-Tiered Architecture, EJB Container, Container Architecture, Container services	06
2.	Java Data Base Connectivity API (JDBC): Introduction to JDBC , Database Drivers in JDBC,API Classes, Connectivity With MySql data bases.	10
3.	Web Apps:- Web Application development using JEE. Web container, deploying web application in web container.	4
4	Servlets :- Introduction , life cycles , Servlet API, ServletContext, ServletConfig Interface, ServletRequestDispatcher interface, Servlet Mapping	10
Total		30

Books Recommended

- Java Server Programming:Java ee6(j2ee 1.6) black book by Kogent Learning Solutions Inc. Obdy New Delhi / Dreamtech Press / 2012 .
- SCWCD study companion java ee 5 (exam 310-083 and 310-084) 2nd, by Lyons,Charles ,New Delhi / Bpb / 2009
- Java Server Programming (j2ee 1.4)Black Book 2007 platinum Ed,By Kogent Solutions Inc. Obdy, New Delhi / Dreamtech Press / 2007.

Suggested Evaluation Methods:

- On line Test
- Lab Examination
- Viva
- Mini Project

Parallel/Similar courses the existing curriculum:

S.No.	Name of the Course	Institute where it was offered

Name of Member	Mr. Shrikant Mapari	Vidya Patkar			
Designation	Asst. Professor	Asst. Professor			
Org. / Inst.	SICSR	SICSR			
Signature					

Name of the Expert:

Signature:

Date: