

Annexure – I
Course Curriculum

CSW102B: ADVANCED DIPLOMA IN JAVA ENTERPRISE EDITION(JEE)

Module Duration: 420 Hours

Objective

The course is a 12 weeks full time course aimed at preparing fresh graduates for professional positions in the software and IT industry by developing advanced skills in cutting-edge technologies like JEE and web technology.

SINo.	Course Modules	Weeks
1	Core Java	4
2	JEE	4
3	Project	4

Core Java

Introduction to Java Platform, Data Types, Variables, Arrays, Operators, Control Statements, Java Classes and Objects, Methods, Inheritance, Packages and Interfaces, Exception Handling, Threads and Multi Threading, I/O, String Handling, Java.Lang, Collections, Network Programming

GUI Development

Java AWT, Text Fields, Buttons, Layout Managers, Event Handling, Applets, Graphics, JFC Swing, Swing Components

JEE

Intro to JEE 6, JDBC, JSP, Servlets, JNDI, EJB - Session Bean - Stateless, Stateful, Entity Bean, Introduction to Struts Framework, JSF, Hibernate, Spring.

Project

Students are required to develop a JEE application under the guidance of the faculty. Students can also take up relevant projects from the industry.