

INDUSTRY READINESS TRAINING (2023 YOP)
COURSE TIME TABLE

TRACK 2

JAVA FULL-STACK - 80 HOURS

PART- 1 (40 HRS) - START & END DATE : 13 DEC - 04 JAN

TIMINGS: 7.00 - 9.00 PM (2 HOURS DAILY)

SESSION NO	DAY	DATE	TOPIC	DURATION
1	Mon	13-Dec	Core Java - 1	2 Hrs
2	Tue	14-Dec	Core Java - 2	2 Hrs
3	Wed	15-Dec	Core Java - 3	2 Hrs
4	Thu	16-Dec	Core Java - 4	2 Hrs
5	Fri	17-Dec	Core Java - 5	2 Hrs
6	Sat	18-Dec	Exceptions	2 Hrs
7	Mon	20-Dec	MySQL – DDL,DML Queries, Group Functions	2 Hrs
8	Tue	21-Dec	MySQL – Group By, Having Clauses, Joins,	2 Hrs
9	Wed	22-Dec	JDBC – Drivers Connectivity along with java- Retrieve, Insert, Update, Delete Queries along with JDBC drivers	2 Hrs
10	Thu	23-Dec	HTML5 Elements – Overview(Along with HTML4 elements),	2 Hrs
11	Fri	24-Dec	CSS3 – Overview	2 Hrs
12	Sat	25-Dec	JavaScript – Overview, comments, Variables, Control structures	2 Hrs
13	Mon	27-Dec	JavaScript – Arrays and Strings implementations, JavaScript Forms Integration	2 Hrs
14	Tue	28-Dec	JSP Basics, Creating Dynamic web content with JSP,	2 Hrs
15	Wed	29-Dec	Scripts- Overview, Declarations and Tomcat server overview- Login Applications	2 Hrs
16	Thu	30-Dec	Servlet – Need for server side programming, Servlet Life cycle – Init(), Service(), doGet(), doPost(), Destroy(), Hello World Applications, Web.xml Structure, Http Servlet Request, Http Servlet Response in Servlet.	2 Hrs
17	Fri	31-Dec	Introduction about Spring Framework, Inversion of Control,	2 Hrs
18	Sat	01-Jan	Beans Scope-Prototype, Request, Session, Global Session, Auto Wiring, Spring Annotations	2 Hrs
19	Mon	03-Jan	Spring MVC-Hello World Applications, With and Without Maven, Maven basics	2 Hrs
20	Tue	04-Jan	Spring Security Basics, Features, Authentication, Encryption, Login Form	2 Hrs
TOTAL				40 HRS