

INDUSTRY READINESS TRAINING (MCA 2022 YOP)
COURSE TIME TABLE (START & END DATE : 25 NOV - 17 DEC)

TRACK 2

JAVA PROGRAMMER - 40 HOURS

TIMINGS: 6.00 - 8.00 PM (2 HOURS)

| SESSION NO | DAY | DATE | TOPIC |
|------------|-----|--------|--|
| 1 | Thu | 25-Nov | Core Java - 1 |
| 2 | Fri | 26-Nov | Core Java - 2 |
| 3 | Sat | 27-Nov | Core Java - 3 |
| 4 | Mon | 29-Nov | Core Java - 4 |
| 5 | Tue | 30-Nov | Core Java - 5 |
| 6 | Wed | 01-Dec | Exceptions |
| 7 | Thu | 02-Dec | MySQL – DDL,DML Queries, Group Functions |
| 8 | Fri | 03-Dec | MySQL – Group By, Having Clauses, Joins, |
| 9 | Sat | 04-Dec | JDBC – Drivers Connectivity along with java- Retrieve, Insert, Update, Delete Queries along with JDBC drivers |
| 10 | Mon | 06-Dec | HTML5 Elements – Overview(Along with HTML4 elements), |
| 11 | Tue | 07-Dec | CSS3 – Overview |
| 12 | Wed | 08-Dec | JavaScript – Overview, comments, Variables, Control structures |
| 13 | Thu | 09-Dec | JavaScript – Arrays and Strings implementations, JavaScript Forms Integration |
| 14 | Fri | 10-Dec | JSP Basics, Creating Dynamic web content with JSP, |
| 15 | Sat | 11-Dec | Scripts- Overview, Declarations and Tomcat server overview- Login Applications |
| 16 | Mon | 13-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. |
| 17 | Tue | 14-Dec | Introduction about Spring Framework, Inversion of Control, |
| 18 | Wed | 15-Dec | Beans Scope-Prototype, Request, Session, Global Session, Auto Wiring, Spring Annotations |
| 19 | Thu | 16-Dec | Spring MVC-Hello World Applications, With and Without Maven, Maven basics |
| 20 | Fri | 17-Dec | Spring Security Basics, Features, Authentication, Encryption, Login Form |