



(A Venture of Chandigarh ETC Services Pvt. Ltd.)

An ISO 9001:2015 Certified Organisation with Completely Online Management System

Website : www.citcchandigarh.com

Course Syllabus: Certificate in MySQL

Batch Name: Certificate in MySQL

Eligibility: 12th

Course Start: 1st of Every Month

Course Duration: 45 Hours

Courses / Modules Paper

Module 1

Paper 1
MySQL

MySQL

1: Introduction to MySQL Database

- 1.1 What is MySQL?
- 1.2 Database Queries
- 1.3 Download MySQL Database
- 1.4 MySQL Syntax Overview

2: Working with MySQL Database

- 2.1 Connect to MySQL Database
- 2.2 Create Database
- 2.3 Select Database
- 2.4 Drop Database

3: Working with Tables and Views

- 3.1 Create Table
- 3.2 Alter Table
- 3.3 Truncate Table
- 3.4 Drop Table
- 3.5 MySQL Views

4: MySQL Queries

- 4.1 MySQL Queries Overview
- 4.2 Insert Record
- 4.3 Update Record
- 4.4 Delete Record
- 4.5 Select Record

5: MySQL Clauses and Joins

- 5.1 WHERE Clause
- 5.2 DISTINCT Clause
- 5.3 FROM Clause
- 5.4 ORDER BY Clause
- 5.5 GROUP BY Clause
- 5.6 HAVING Clause
- 5.7 MySQL Joins
 - INNER JOIN
 - LEFT OUTER JOIN
 - RIGHT OUTER JOIN

6: MySQL Conditions

- 6.1 AND Condition
- 6.2 OR Condition
- 6.3 AND OR Condition
- 6.4 LIKE Condition
- 6.5 IN Condition
- 6.6 NOT Condition
- 6.7 IS NULL Condition
- 6.8 IS NOT Condition
- 6.9 BETWEEN Condition

7: MySQL Aggregate Function

- 7.1 count() Function
- 7.2 sum() Function
- 7.3 avg() Function
- 7.4 min() Function
- 7.5 max() Function
- 7.6 first() Function
- 7.7 last() Function

8: MySQL Transactions

- 8.1 Transactions Overview
- 8.2 Properties of Transactions
 - Atomicity
 - Consistency
 - Isolation
 - Durability
- 8.3 COMMIT and ROLLBACK Keywords

