**Techno India NJR Institute of Technology**

**ADBMS - STRUCTURED QUERY LANGUAGE (MySQL) TRAINING**

**Total Time: 1 Months**

**Module 1**

SQL and Relational Databases

* Introduction to SQL and Relational Databases
* Information and Data Models
* Types of Relationships
* Mapping Entities to Tables
* Relational Model Concepts

**Module 2**

Relational Model Constraints and Data Objects

* Relational Model Constraints Introduction
* Relational Model Constraints Advanced

**Module 3**

Data Definition Language (DDL) and Data Manipulation Language (DML)

* CREATE TABLE statement
* INSERT statement
* SELECT statement
* UPDATE and DELETE statements

**Module 4**

Advanced SQL

* String Patterns, Ranges, and Sets
* Sorting Result Sets
* Grouping Result Sets

**Module 5**

Working with multiple tables

* Join Overview
* Inner Join
* Outer Join