**Techno India NJR Institute of Technology**

**Department of Computer Science and Engineering**



**TRAINING MODULE**

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

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