

**Course Plan**

***Hex 2551***

**Title of Training Program:** MySQL **Duration:** 40 Hrs. Date: 21/05/2019

**Training Program Details:**

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| **Objectives of Training Program**  To Understand and work with RDBMS concepts, DDL, DML, DQL, Joins and Subquery. |
| **Training Aids Required1**   * Operating system - Windows XP Professional * Hardware - Pentium 4, 2.4 GHZ, 40 GB HDD, and 2 GB RAM * MySQL Workbench and Server |
| **Pre-requisites for attending Training Program**  \* Basic knowledge in database |
| **Completion Criteria2**   * Completion of Hand on Exercise * Clearing the Assessment |
| **Methodology3**  \* PowerPoint Presentation |

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***Notes***

1. Hardware/Software required including Projector, software to be loaded on the machine, Presentation slides, Handouts with version number etc.
2. Completion Criteria: Specify if any tests have to be conducted. Indicate pass mark.
3. Methodology: Indicate whether the Training is a formal classroom Training, etc.
4. The outline of training program should give the name of each topic along with its duration in detail. If applicable breaks between sessions should also be documented. 15 minutes of the duration of the course should be reserved for accepting feedback.



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| **Outline of Training Program** | | |
| **Name of Topic** | **Duration** | |
| **Hours** | **Minutes** |
| Introduction to Database, Data models, Database keys, Database design | 02 | 00 |
| Normalization | 06 | 00 |
| ER diagram & Relationships | 06 | 00 |
| DDL Statement with Constraints | 04 | 00 |
| DML | 04 | 00 |
| DQL | 08 | 00 |
| Joins and Subquery | 08 | 00 |
| Datawarehousing, DataMining, OLTP, OLAP, Bigdata&Hadoop | 02 | 00 |