



**TECHNO INDIA UNIVERSITY**

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W E S T B E N G A L

**Database Management System  
(TIU-UCS-L315)**

**B.Tech (CSE), Semester-V**

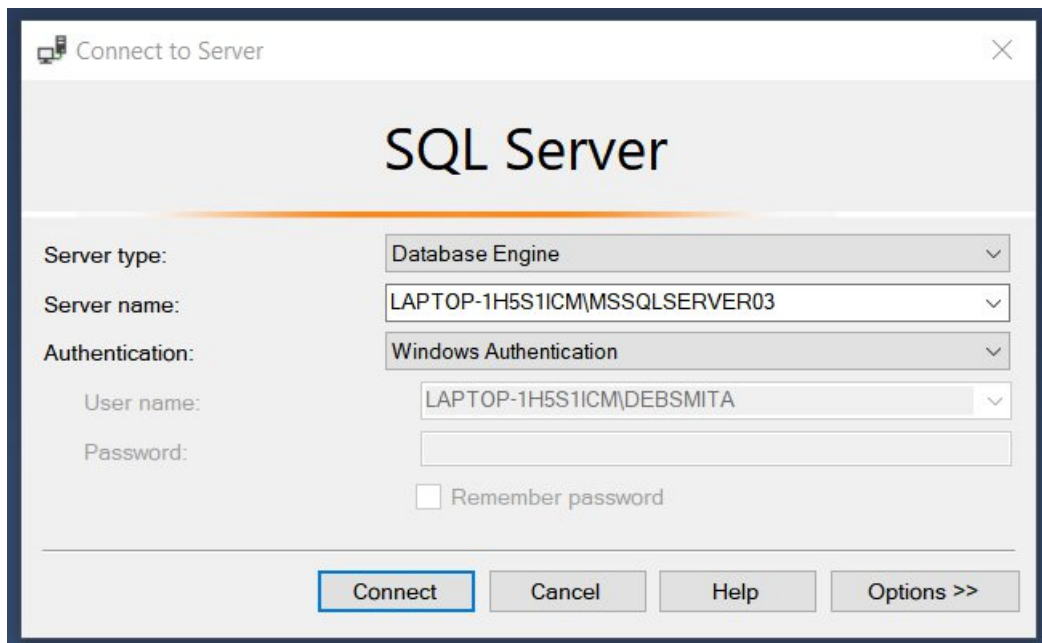
*Department of Computer Science & Engineering*

# DBMS Lab

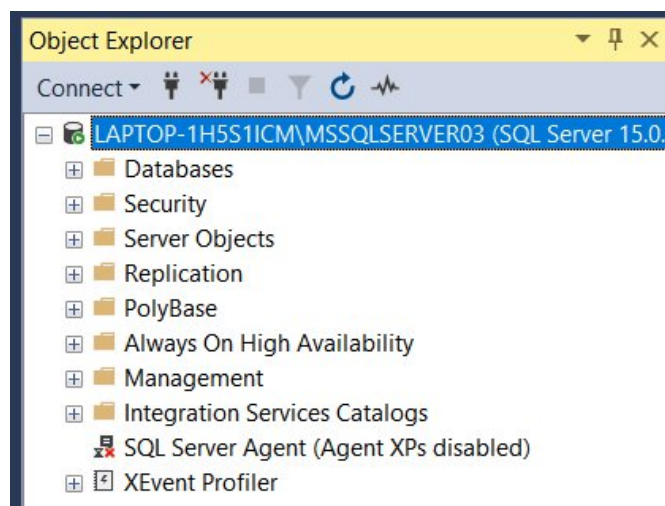
## Assignment No: 4

**Connect to the SQL Server Instance.**

Query:



Output Screenshot:



**1. Truncate data from all the five tables: Student, Department, Course, Batch, StudentStatus.**

**2. Create foreign key constraints on the following columns of Student table:**

- a. DeptId -- references to DeptId of Department with ON DELETE CASCADE option**
- b. CourseId -- references to CourseId of Course with ON UPDATE SET NULL option**
- c. BatchId -- references to BatchId of Batch**
- d. StatusId -- references to StatusId of Status**

**3. Insert 4 records in each of the four tables.**

- a. DeptId values: 101,102,103,104**
- b. CourseId values: 201,202,203,204**
- c. BatchId values: 301,302,303,304**
- d. StatusId values: 401,402,403,404**

**4. Insert 10 records in Student table.**

**5. Select records from Department and Student where DeptId = 101**

**6. Delete records from Department where DeptId = 101 and execute Select from Q.5**

**7. Select records from Course and Student where CourseId = 201**

**8. Update CourseId from 201 to 210 in Course table and execute Select from Q.7**

**9. Select records from Batch and Student where BatchId = 301**

**10. Delete records from Batch where BatchId = 301 and execute Select from Q.9**

**Result/ Conclusion:**

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All the queries has been executed and completed successfully.