Name of the event: Guest Lecture on Advance SQL 2012
Name of Speaker: Mrs. Kavita Sakharkar
Date: 29/02/2016
No. of Participants: 89

REPORT ON SEMINAR / GUEST LECTURE

Topic: Advance SQL SERVER 2012

Speaker Name: Mrs.Kavita Sakharkar

Target Audience: S.E.COMPUTER

Seminar Date: February 29th, 2016

Duration: 2 Hr.

Venue: Seminar Hall (Gr.)

Objectives: Session emphasis was more on applications in area of SQL SERVER 2012.

Content Covered:

A Guest Lecture by Mrs.Kavita Sakharkar,Sr.Software Developer, Bank of America, on Role of "Advance SQL 2012 SERVER" was delivered on February 29th ,2016 for the students of SE COMPUTER, Sem-IV.

She initiated her first lecture session with overview of basic commands in SQL and her emphasis was more on applications in area of SQL SERVER 2012. The session was made interactive by thought providing questions posed by Mrs. Kavita Sakharkar to the student audience for example what is difference between ORACLE and SQL Server. Types of languages used in RDBMS? For which convincing answers were given by the student audience.

Later speaker has narrated her version of answer as follows that the Queries are processed in order to help database created by users to do what users need it to do & to restore it. The captivated way of narration of answers by speaker has created an excitement among the students.

The session went on by addressing the various basic command of SQL server 2012.SQLKeys:PrimaryKey,UniqueKey,Foreign Key,Joins:Left Join or Left Outer Join, Right Join or Right Outer Join, Full Join, Union & Union All.

In addition to above discussion she further discussed
1) Different types of Triggers used in advance SQL 2012 for DDL, DML, and DCL
2) Commands for After Trigger in SQL 2012,
3) Various string functions,
4) Transaction in database and commands used for transaction.
5) Difference between Snapshot and Read
6) Dirty read problem, Phantom Read problem, lost update problem has been discussed.

She explained Query processing flows for banking systems:

- Grouping Sets
- Roll-up in SQL server
- Cubes in SQL server

She also discussed issues in Query processing and Deadlock processing for banking systems applications.

She concluded the session by presenting one real life example casing the target, by motivating the students to join research and explore the Query processing. She also suggested students to choose SQL 2012 server as their carrier option.

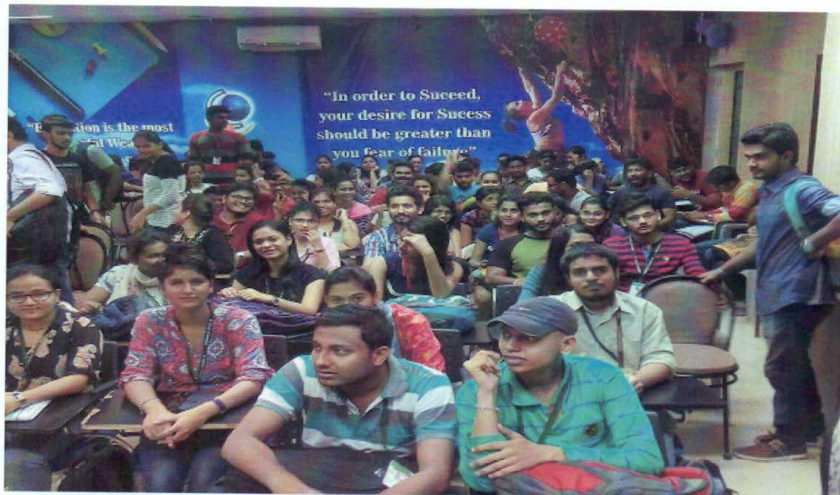The lecture has proven to be very inspiring and informative for the students.

Topic most liked by Student: Triggers and Transaction

Advance Queries on transaction.

Cubes examples.

Guest Lecture on Advanced AQL server

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