

Oracle (SQL)

Duration : 13-05-2019 To : 17-05-2019

Session Start at 10:15 A.M.(Duration 75 Min.)

Lunch Break : 01:00 PM to 02:00 PM

Tea Break 11:30 A.M to 11:45 AM and 03:15 PM to 03:30 PM

DAY	SESSION	CONTENT	FACULTY
DAY 1	I	Fundamentals of Public Sector Ethics	Upendra Singh Rathore, Core Faculty (IS)
DAY 1	II	Introduction to RDBMS Concepts	Upendra Singh Rathore, Core Faculty (IS)
DAY 1	III & IV	Writing Basic SQL Statements	Sunil Kumar Khunteta, Core Faculty (IS)
DAY 2	I & II	Restricting and Sorting Data (Where clause, Character Strings and Dates and Comparison Operators)	Harish Mehndiratta, Core Faculty (IS)
DAY 2	III & IV	Selecting Data from Oracle Other Comparison Operators Using the (BETWEEN, IN, LIKE, IS NULL) Operator, Logical Operators, Using the (AND, OR, NOT) Operator, Rules of Precedence, ORDER BY Clause, Sorting in Descending Order, Sorting by Column Alias, Sorting by Multiple Columns	Upendra Singh Rathore, Core Faculty (IS)
DAY 3	I & II	Single Row Functions SQL Functions Two Types of SQL Functions Single Row Functions Character Functions Case Conversion Functions Character Manipulation Functions, Number Functions (ROUND, TRUNC MOD) Working with Dates Arithmetic with Dates Using Arithmetic Operators with Dates Date Functions Conversion Functions (TO_CHAR TO_NUMBER TO_DATE) Date Format, Special Functions (NVL DECODE) Nesting Functions	Sunil Kumar Khunteta, Core Faculty (IS)
DAY 3	III & IV	Displaying Data from Multiple Tables EQUIJOIN, NONEQUIJOIN OUTERJOIN SELFJOIN Aggregating Data Using Group Functions AVG SUM MIN MAX, COUNT GROUP BY and HAVING Clauses	Upendra Singh Rathore, Core Faculty (IS)
DAY 4	I & II	Subqueries Creating and Managing Tables CREATE TABLE ALTER TABLE DROP TABLE	Harish Mehndiratta, Core Faculty (IS)
DAY 4	III & IV	Manipulating Data INSERT UPDATE DELETE COMMIT ROLLBACK	Sunil Kumar Khunteta, Core Faculty (IS)
DAY 5	I & II	Including Constraints	Harish Mehndiratta, Core Faculty (IS)
DAY 5	III & IV	End-of-Course Assessment Evaluation & Valediction	Upendra Singh Rathore, Core Faculty (IS)