

REGIONAL TRAINING INSTITUTE, SHILLONG
INDIAN AUDIT & ACCOUNTS DEPARTMENT

COURSE TITLE : Introduction to Oracle-SQL (Onsite Training)
DURATION : 05 days w.e.f. 19 Sept 2022 to 23 Sept 2022.

TIMING:-

Session I 10:00 AM to 11:15 AM
Session II 11:30 AM to 12:45 PM
Session III 01:45 PM to 03:00 PM
Session IV 03:15 PM to 04:30 PM:

Tea Break:

11:15 AM to 11:30 AM
03:00 PM to 03:15 PM

Lunch Break

12:45 PM to 1:45 PM:

| Day | Session I | Session II | Session III | Session IV |
|---|--|---|--|---|
| Day 1 19-09-22 (Mon) | Inauguration and Course briefing by Principal Director. Entry Behaviour Assessment. Introduction to Oracle 11g. Overview of Oracle server and its various object types. Kiran Limbu, CF (IT) | What is SQL, Role of Sql, Type of Sql commands, Logging in & logging out into Oracle Server. Writing SQL statement, Executing SQL statement, Comparison of SQL & SQL* plus, some important editing and file SQL plus commands Kiran Limbu, CF (IT) | Data Type in Oracle Basic select statement. Different parts of the select statement. Using column aliases, Arithmetic operators, Concatenation operator Rothan L Gangte, CF (IT) | Order by clause, distinct, comparison operators(<= ,!=, in, like, between, is null) and logical operator (and, or, not), Character & Date string. Updating and deleting records Practice – Ex-1 Rothan L Gangte, CF (IT) |
| Day 2 20-09-22 (Tue) | Single row functions: character, Numeric, date functions, Conversion function including date format and date arithmetic. Kiran Limbu, CF (IT) | NVL and DECODE functions. Using aggregate functions, Group by and having clause. Kiran Limbu, CF (IT) | Practice – Ex-2 Kiran Limbu, CF (IT) | |
| Day 3 21-09-22 (Wed) | What is join? Different types; Equi join Non-Equi Join and outer join. Using group by and having clause with Join. | Sub-queries returned single value & multiple values; Using group by and having clause with the sub-queries | Practice – Ex-3 | |
| Faculty from O/o the PAG (Au), Assam | | | | |
| Day 4 22-09-22 (Thurs) | Create table, Create table with constraints Rothan L Gangte, CF (IT) | Adding Records. Viewing tables from data dictionary Rothan L Gangte, CF (IT) | Practice Ex-4 Rothan L Gangte, CF (IT) | |
| Day 5 23-09-22 (Fri) | Altering table structure, Altering constraints & viewing constraints from data dictionary. Rothan L Gangte, CF (IT) | Review of Grey Area Kiran Limbu, CF (IT) | Course End Test Rothan L Gangte, CF (IT) | Valediction Principal Director |

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