

REGIONAL CAPACITY BUILDING & KNOWLEDGE INSTITUTE, RANCHI

INDIAN AUDIT AND ACCOUNTS DEPARTMENT

Oracle

अवधि : 30.10.2023 to 08.11.2023 (10 दिन)

पाठ्यक्रम समन्वयक : श्री अरुण प्रकाश पाण्डेय, सहायक लेखापरीक्षा अधिकारी

सत्र का समय

I : 10.00 पू. से 11.15 पू. II : 11.30 पू. से 12.45 अप.
III : 02.00 अप. से 03.15 अप. IV : 03.30 अप. से 04.45 अप.

Day	Session No.	Topic	Faculty
30.10.2023 Monday		Inauguration	Principal Director
	Session I & II	Introductory to RDBMS, Oracle and Developer	Sh. Pravin Kumar/ CF
	Session III & IV	Creating tables, Modifying existing tables, Dropping of table	Shri A.P. Pandey/ CF
31.10.2023 Tuesday	Session I & II	Specifying integrity constraints, Altering table constraints, Creating table using sub queries	Sh. Rabindra Banerjee, AAO, O/o the PAG(A&E), Ranchi
	Session III & IV	Inserting data, deleting & updating of data with practice. Using of substitution variables	
01.11.2023 Wednesday	Session I & II	Query using where clause, SQL Operators (Arithmetical, Logical and Comparison) & ORDER BY clause, Group By Clause and Having clause	Shri A.P. Pandey/ CF
	Session III & IV	Querying multiple tables- Equi joins & Non-Equi Joins, Self joins and Natural Join Use of set operation- Union, Union all, Intersection & Minus	P K Gupta, Retd Supervisor
02.11.2023 Thursday	Session I & II	Oracle functions: Group Functions-AVG, SUM, MAX, COUNT, NULL Values	Shri A.P. Pandey/ CF
	Session III & IV	Practice Session on Oracle functions: Group Functions-AVG, SUM, MAX, COUNT, NULL Values	Shri A.P. Pandey/ CF & Sh. Pravin Kumar/ CF
03.11.2023 Friday	Session I & II	Creating Views Sub queries (Single Row & Multi Row sub-query) with practice	Faculty from NIC
	Session III & IV	Introduction to PL/SQL, Block, Programming Construct variables Using of loop ,for loops, while loops with practice	Faculty from NIC
04.11.2023 Saturday	Session I & II	Creating triggers and procedures Practice session on triggers and procedures	Faculty from NIC
	Session III & IV	Cursor Architecture, Cursor Management. Implicit & Explicit Cursor, declaring, opening, fetching and controlling Explicit Cursor, Explicit Cursor attribute Using of Buttons.	Faculty from NIC
06.11.2023 Monday	Session I & II	Developer- Forms and their Components-Block, Items, Canvases, Frames, Window and PL/SQL code blocks Creating forms with Data Block Wizard, Layout Wizard, Inserting, Updation, Deletion, Retrieval of Data (Query) through form, Master-detail Form, writing code in PL/SQL editor and their use, Using of Buttons, Triggers and built-ins. Working with list of Values & List items , Working with MENUS	P K Gupta, Retd Supervisor
	Session III & IV	Jharnet : Application control: Access matrix, Front – end security	Faculty from NIC
07.11.2023 Tuesday	Session I & II	Developer - Reports and their Layout, parameter form formatting, Master detail form, Report wizard, Using group functions, Matrix report., Form, writing code in PL/SQL editor and their use ,Working with MENUS	P K Gupta, Retd Supervisor

	Session III & IV	Jharnet :Application control: Access matrix, Front – end security Jharnet	Faculty from NIC
08.11.2023 Wednesday	Session I & II	Practice session	Shri A.P. Pandey/ CF & Sh. Pravin Kumar/ CF
	Session III & IV	Quiz & Evaluation	
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ARUN PRAKASH PANDEY
Course Coordinator