Training Program

Oracle DBA Certification Training

1.2 Million Learners

1-1 Personlized Mentorship

60% Average Salary Hike

About **Program**

Learning Format
Online / Offline

Trainer
Industry Professionals

Career Services
By Croma Campus

Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

What Make Us **Tick**

Career-oriented Sessions
Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory

Profile Building
Craft a resume and LinkedIn profile and make an impression on top employers

Mock Interview Preparation
Prepare with mock interviews including most asked questions by top employers

1:1 Mentoring Sessions
Get 1:1 guidance at every step in your career transition to respective Technology

Dedicated Job Portal Access
Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal

Guaranteed interviews
Get job interviews with 400+ hiring partners including promising startups and top MNCs

Oracle DBA 12C **Training Curriculum**

✅ Architecture Overview

- Introduction
  - What are Databases?
  - Why do you need Databases?
  - Major Databases and Database Vendors
  - Relational Databases
  - The Oracle 12c RDBMS and related products
  - Role and responsibilities of Oracle DBA
- Oracle Database Architecture
  - Database and Instance
  - Memory Structures – SGA, PGA
  - Background Processes
  - Server Processes
  - Database Files
  - Physical & Logical Structures

✅ SQL Fundamentals

- Learn SQL SELECT Statement
- Restricting and Sorting Data
- Single-row and Multiple-row Functions
- Using Single-Row Functions to Customize Output
- Using Conversion Functions and Conditional Expressions
- Reporting Aggregated Data Using the Group Functions
- Introduction to Joins and its Types
- Displaying Data from Multiple Tables Using Joins
- Introduction to Subqueries, Single Row & Multiple Row Subqueries
- Using Subqueries to Solve Queries
- Using the SET Operators
- Using ORDER BY clause in set operations
- Introduction to DML (Data Manipulation Language)
- Managing Tables using DML statements
- Introduction to DDL (Data Definition Language)
- Introduction to Data Dictionary Views
- Introduction to Data Dictionary
- Describe the Data Dictionary Structure
- Using and querying the Data Dictionary views
- Overview of sequences, synonyms, indexes
- Creating Sequences, Synonyms, Indexes

- Introduction to Views
- Creating Views
- Managing Schema Objects
- Retrieving Data by Using Subqueries
- Controlling User Access
- Manipulating Data
- Managing Data in Different Time Zones

✅ Installing Oracle 12c Database Server

- Oracle Software Installation Basics
  - Planning Your Installation
  - Configuring Oracle Linux with Oracle RDBMS Pre-Install RPM
  - Operating System Groups and Users
  - Environment Variables
  - Configuring the Oracle Software Owner Environment
  - Using Oracle Universal Installer (OUI)
  - Installation Option: Silent Mode
- Installing Oracle Database 12c
  - System Requirements for Oracle Database
  - Creating Operating System Groups and Users
  - Types of Installations

✅ Creating Oracle Databases using DBCA

- Creating Oracle Database
  - Planning the Database
  - Creating Database
  - Silent
  - Command line
- Starting & Stopping Database
  - Startup & Shutdown modes
  - Starting & Stopping the database
  - Read-only & Restricted modes
- Create Oracle Databases using DBCA
  - Planning the Database Storage Structure
  - Types of Databases (based on workload)
  - Choosing the Appropriate Character Set
  - Understanding How Character Sets are Used

- Setting the NLS_LANG Initialization Parameter
- Using the Database Configuration Assistant (DBCA)

✅ Oracle Database Management Tools

- Introducing Oracle Database Management Tools
- Using SQL*Plus
- Using SQL Developer
- Logging in to Oracle Enterprise Manager Database Express
- Using the Enterprise Manager Database Express Home Page
- Understanding the Enterprise Manager Cloud Control Framework
- Using Enterprise Manager Cloud Control

✅ Oracle Database Files Management

- Parameters & Parameter Files
  - Initialization Parameters
  - Static and Dynamic parameters
  - Parameter Files
  - Text & Server Parameter Files
  - System & Session Level Parameters
  - Changing Parameter values
- Managing Data Files & Tablespaces
  - Tablespace and Data Files Concepts
  - Blocks, Extents, Segments
  - Understanding Space Management
  - Creating & Managing Tablespaces
  - Big file Tablespaces
  - Tablespace Quotas
  - Configuring Multi-Block Support
- Managing Temporary Tablespaces
  - Understanding Temporary Tablespaces
  - Managing Temporary Tablespaces
  - Temporary Tablespace Groups
  - Managing Control Files
  - Understanding Control Files
  - Multiplexing Control Files
  - Backing up Control Files

- Redo Log Files & Archiving
  - Online & Archived Redo Log Files
  - Managing Online Redo Log Files
  - Fast Recovery Area (FRA)
  - Configuring Database Archive mode
- Oracle Managed Files (OMF)
  - OMF Concepts and Use
  - File Naming Conventions using OMF
  - Creating Tablespaces with OMF

✅ Database Storage Structure Management

- Managing Data Storage
  - Learn about Data Storage
  - Database Block contents
  - Exploring database structure
  - Create a new Tablespace
  - Managing Tablespace
  - Displaying Tablespace Data
  - Using OMF
- Managing Diagnostic data
  - Diagnostic files
  - Automatic Diagnostic Repository (ADR)
  - Viewing Diagnostic data
- Managing Undo Data
  - Transactions and Undo Data
  - Managing Undo data
  - Storing Undo Information
  - Creating Undo Tablespaces
  - Comparing Undo Data and Redo Data
  - Configuring Undo Retention
  - Guaranteeing Undo Retention
  - Changing an Undo tablespace to a Fixed Size
- Moving Data
  - Moving Data: General Architecture
  - Oracle Data Pump
  - SQL*Loader
  - External Tables

Database Instance Management

- Initialization Parameter Files
- Starting an Oracle Database Instance
- Shutting Down an Oracle Database Instance
- Viewing Log Files
- Using Trace Files
- Using the Dynamic Performance Views
- Data Dictionary

Oracle Network Environment Configuration

- Oracle Net Services Overview
- Oracle Net Listener Overview
- Establishing Oracle Network Connections
- Connecting to a Server
- Tools for Configuring and Managing the Oracle Network
- Using the Listener Control Utility
- Using Oracle Net Configuration Assistant
- Using Oracle Net Manager

Administering User Security and Database Links

- User Administration
  - Creating Users Accounts
  - Account management
  - Schema, Session, Killing Sessions
  - Using profiles to implement complex passwords and resource limits
- Privileges & Roles
  - Understanding Privileges
  - Managing Privileges
  - Understanding Roles
  - Managing Roles
- Database Links
  - Distributed Databases
  - Creating Database Links
  - Managing Database Links

Data Concurrency and Space Management

- Data Concurrency Management
  - Overview of Locks

- Locking Mechanism
- Data Concurrency
- DML Locks
- Enqueue Mechanism
- Lock Conflicts
- Space Management
  - Space Management Overview
  - Block Space Management
  - Row Chaining and Migration
  - Free Space Management Within Segments
  - Types of Segments
  - Allocating Extents
  - Allocating Space
  - Creating Tables Without Segments

✅ Database Auditing Implementation in Oracle DBA 12c

- Separation of Responsibilities
- Database Security
- Monitoring for Compliance
- Standard Database Auditing
- Unified Audit Data Trail
- Separation for Duties for Audit Administration
- Configuring the Audit Trail
- Specifying Audit Options

✅ Backup and Recovery Concepts in Oracle DBA 12c

- Backup and Recovery Basics
  - Categories of Failures
  - Flashback Technology
  - Understanding Instance Recovery
  - Phases of Instance Recovery
  - Tuning Instance Recovery
  - Using the MTTR Advisor
  - Comparing Complete and Incomplete Recovery
  - Oracle Data Protection Solutions
- Backup and Recovery Configuration
  - Configuring for Recoverability
  - Configuring the Fast Recovery Area

- Multiplexing the Control File
- Online Redo Log File
- Multiplexing the Online Redo Log File
- Archived Redo Log Files
- Archiver Process
- Archived Redo Log File Naming and Destinations
- Performing Database Backups
  - Backup Solutions Overview
  - Oracle Secure Backup (overview)
  - User Managed Backup (overview)
  - Backup Terminology and Types of Backups
  - Using Recovery Manager (RMAN)
  - Configuring Backup Settings
  - Oracle-Suggested Backup
  - Backing Up the Control File to a Trace File
- Performing Database Recovery
  - Data Recovery Advisor
  - Loss of a Control File
  - Loss of a Redo Log File
  - Loss of a Datafile in NOARCHIVELOG Mode
  - Loss of a Noncritical Datafile in ARCHIVELOG Mode
  - Loss of a System-Critical Datafile in ARCHIVELOG Mode

Database Maintenance and Performance Basics

- Performing Database Maintenance
  - Database Maintenance (overview)
  - Viewing the Alert History
  - Terminology
  - Automatic Workload Repository (AWR)
  - Statistic Levels
  - Automatic Database Diagnostic Monitor (ADDM)
  - Advisory Framework
  - Enterprise Manager and Advisors
- Managing Performance
  - Performance Monitoring
  - Tuning Activities
  - Performance Planning

✅ ORACLE Multitenant Architecture

- Multitenant Architecture
- Pluggable Databases (PDB) & Container Database (CDB)
- Creating & Managing CDBs & PDBs
- Users, Roles, Privileges in CDB
- Parameters in CDB
- Backup, Recovery of CDBs & PDBs

✅ Miscellaneous Concepts

- Flashback Technologies
  - Oracle Flashback Technologies
  - Flashback Database
  - Flashback Table
  - Flashback Drop Table
- Oracle Data Pump
  - Concepts of Logical backups & Refresh
  - Data Pump Exports & Imports
- Transportable Tablespaces
  - Concepts of Transportable Tablespaces
  - Transporting Tablespaces across Databases
- Database Cloning
  - Cloning Concepts and Considerations
  - Cloning Techniques
  - Cloning Oracle Home and Database
  - Manual Cloning
  - Cloning using RMAN
- Data Guard
  - Overview of Data Guard
  - Benefits of Implementing Data Guard
  - Standby Database Concepts
  - Implementing Physical Standby database
- Database Patching
  - Patching Concepts
  - Interim Patches, CPU, PSU patches
  - Patch Sets
  - Downloading & Analysing Patches
  - Applying Patches

- Database Upgrade
  - Understanding the upgrade process
  - Upgrade methods
  - Upgrading Oracle11g to Oracle 12c

✅ Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- Oracle DBA 12c Interview Questions and Answers
- Resume Building Guide
- Attempt for Oracle DBA Global Certification Exam
- Start applying for Job

e-Learning through LMS

Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features Learning Management System

Live Sessions with Class recordings

Get study material with Assignments.

Track your curriculum covered.

Track your class wise attendance

Share your feedback for Trainer & Training

Get your Training Certificate from LMS

Training **Certification**

Earn Your **Certificate**

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.

Croma Campus! **Reviews**

"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot."
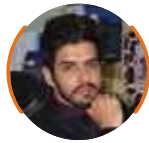
" *By The* ***Students*** *For The* ***Students*** „

Your Success Is **Our Story**

Bharat
" I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. „
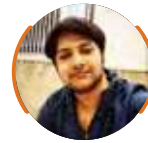
Ankit
" It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. „

Nitesh
" Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. „

Shams Khan
" Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. „

G 4.2/5
1030+ Google Reviews

4.8/5
1224+ Sulekha Reviews

4.6/5
1034+ Urbanpro Reviews

Jd 4.3/5
1294+ Just Dial Reviews

f 4.5/5
1390+ Facebook Reviews

Meet Our Team

Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.

Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.

Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

Glimpse Of **Our Office**

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.

About **Croma Campus**

" **Our Mission is to Build Nation through Education & Beyond Limitation.** **"**

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are Affiliated With Different Partners

ISO
MSME
N·S·D·C National Skill Development Corporation — Transforming the skill landscape
GST
startupindia
Ministry Of Corporate Affairs Government of India
PMKVY

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REACH US:

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