



# NEW HORIZON COLLEGE OF ENGINEERING

## **EVENT NAME: Guest Talk on “Oracle SQL & PL/SQL: Essential Concepts for Developers”**

Organized by  
Department of MCA

DATE: 25<sup>th</sup> February 2025

VENUE: B-308

### **BRIEF DESCRIPTION OF THE EVENT:**

The session, “Oracle SQL & PL/SQL: Essential Concepts for Developers” covered key SQL and PL/SQL concepts, including data retrieval, procedural programming, and optimization techniques. The session highlighted about best practices for efficient database development, provided participants with a fundamental understanding of SQL and PL/SQL, essential for database management and application development.

### **Topics Emphasized:**

- **Introduction to Oracle SQL & PL/SQL**

The session began with an overview of Oracle SQL and PL/SQL, explaining their roles in database management. SQL is used for querying and managing data, while PL/SQL extends SQL with procedural programming capabilities, allowing developers to implement business logic within the database.

- **SQL Fundamentals**

The speaker explained the different categories of SQL; Data Definition Language, Data Manipulation Language and Data Control Language and their roles in database management. Students learned about query optimization techniques, which help improve data retrieval efficiency. A detailed discussion on joins (INNER, LEFT, RIGHT, FULL) and subqueries provided insights into writing complex queries for effective data analysis.

- **Introduction to PL/SQL**

The speaker explained the PL/SQL block structure, consisting of three main sections: declaration, execution, and exception handling. Important control structures like IF-ELSE statements, loops, and CASE statements were discussed to demonstrate how PL/SQL enables procedural logic in database operations.

- **Stored Procedures, Functions, and Triggers**

The demonstration on how to create and execute stored procedures to encapsulate business logic was shown. The role of functions in returning specific values and improving code reusability was also discussed.

**Outcomes:** By the end of the session:

- Participants gained a strong understanding of database querying and procedural programming.
- Students learned optimization techniques, error handling, and efficient coding strategies.

The session equipped participants with essential database management and development skills.

### **ACTIVITIES CONDUCTED:**

- Hands-on Query Writing – Participants practiced writing SQL queries, including SELECT, JOIN, and subqueries, to retrieve and manipulate data efficiently.
- Q&A and Discussion: Participants engaged in a Q&A session, clarifying doubts on query optimization, PL/SQL best practices, and database performance. The discussion provided valuable insights into real-world applications.


**NO. OF PARTICIPANTS: 72**

**WINNERS (if any, for activities conducted): NA**

**GUEST DETAILS (Name, Designation, Organisation, Location) :**

Mr. Sivaguru K  
Software Engineer  
Capgemini  
Bangalore


# PHOTOGRAPHS OF THE EVENT:





Department of Master of Computer Applications


## Guest Talk


# Oracle SQL & PL/SQL: Essential Concepts for Developers

 25 February 2025

 02:30 PM - 04:30 PM

 1<sup>st</sup> Sem Students

 MCA Lab



**Mr. Sivaguru K**  
Software Engineer  
Capgemini, Bengaluru

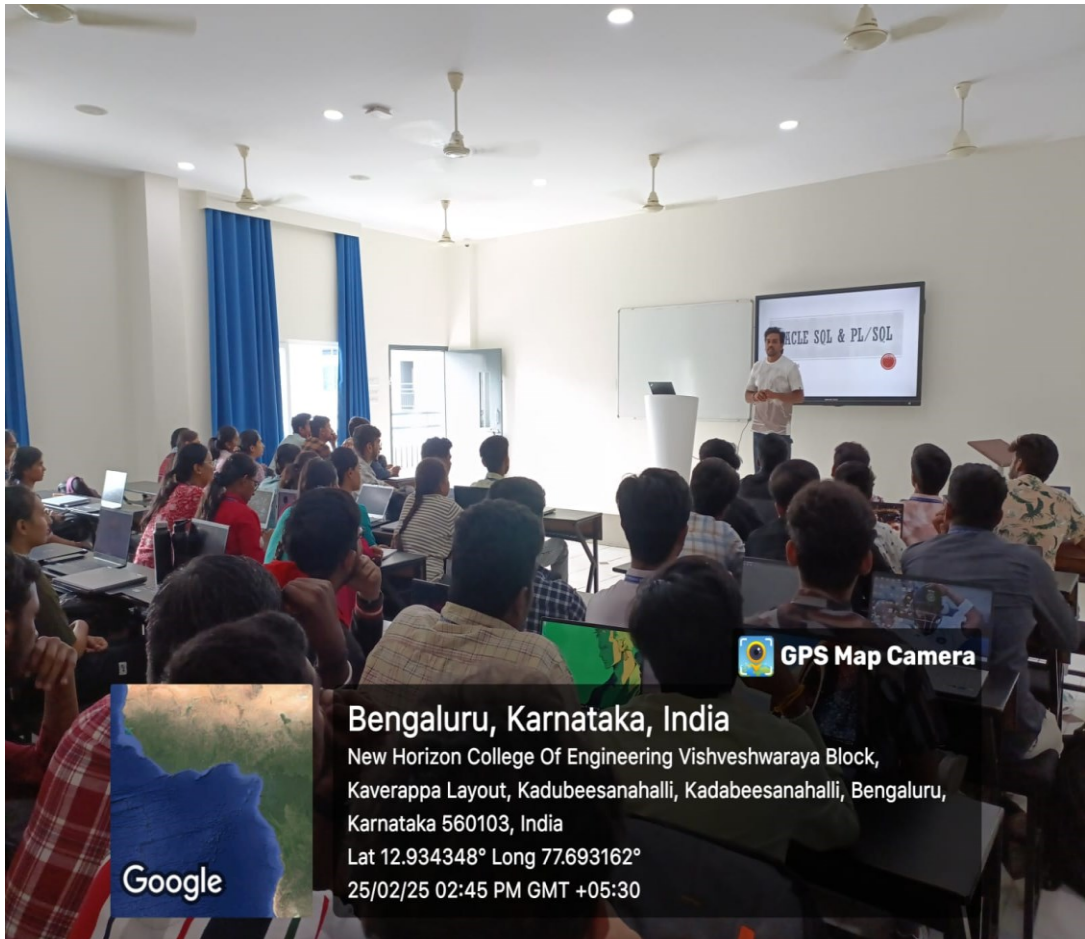
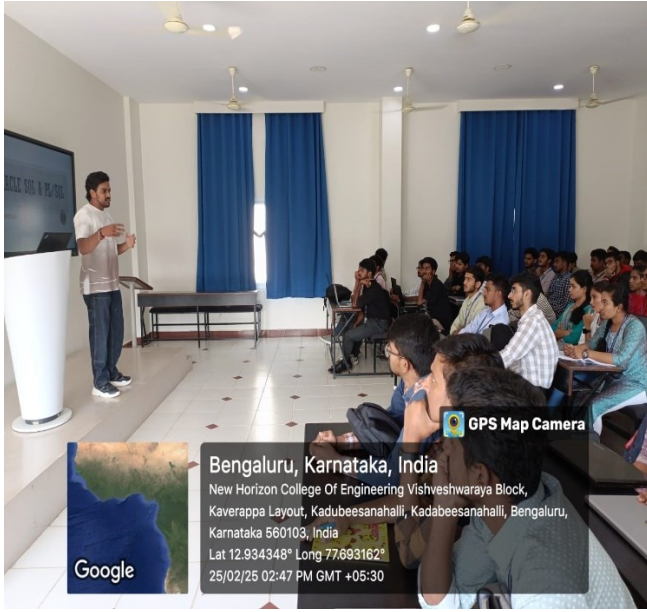
Faculty Coordinator

**Dr. B Nithya Ramesh**  
Associate Professor - MCA

Convenor

**Dr. Asha V**  
Professor & Head - MCA

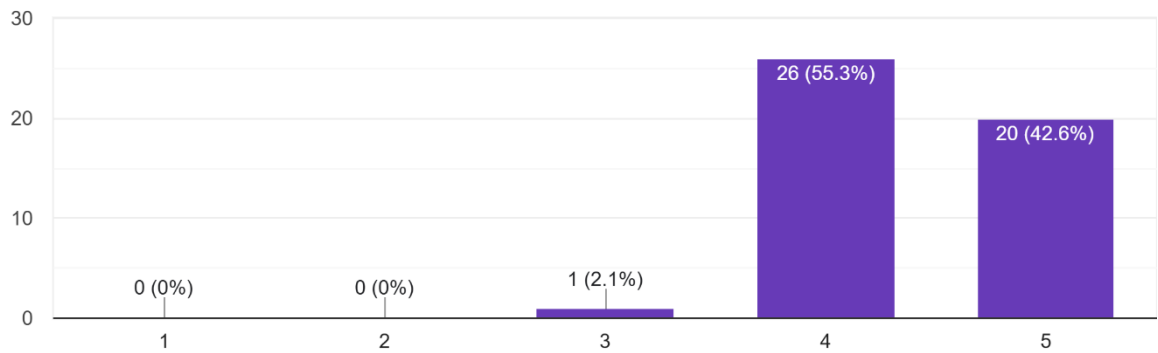




# FEEDBACK:

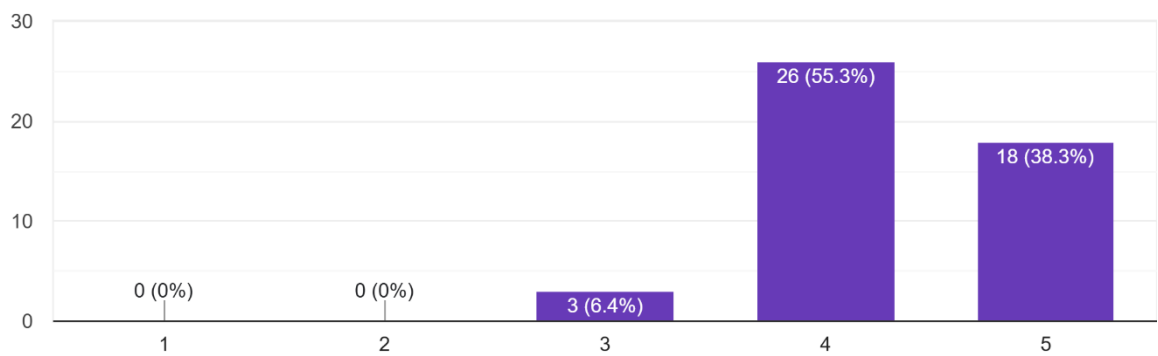
## Quality of the training content

47 responses



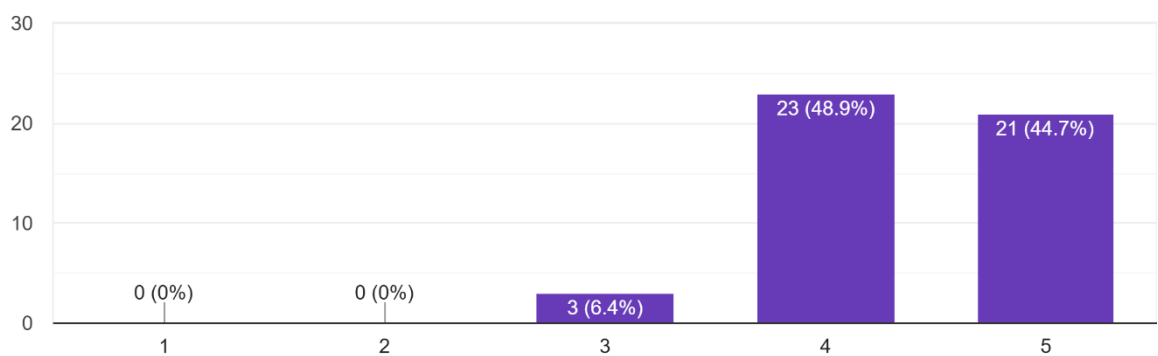
## Clarity of the presentation.

47 responses



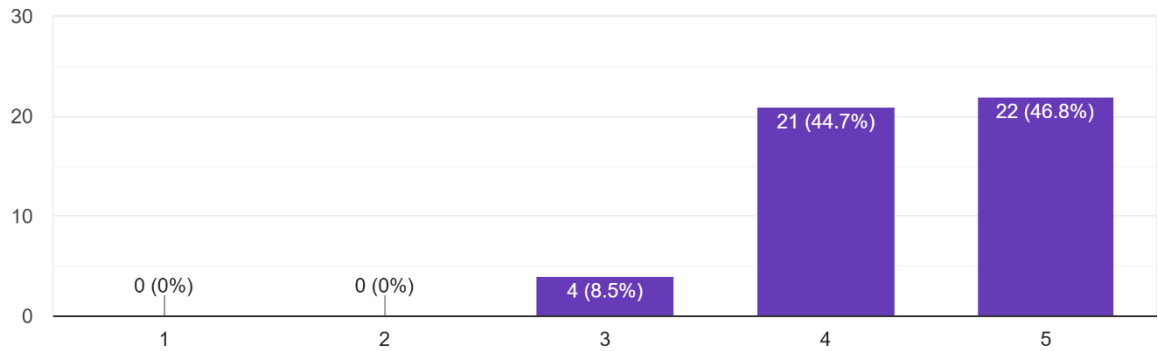
## Effectiveness of the examples depicted during the session.

47 responses



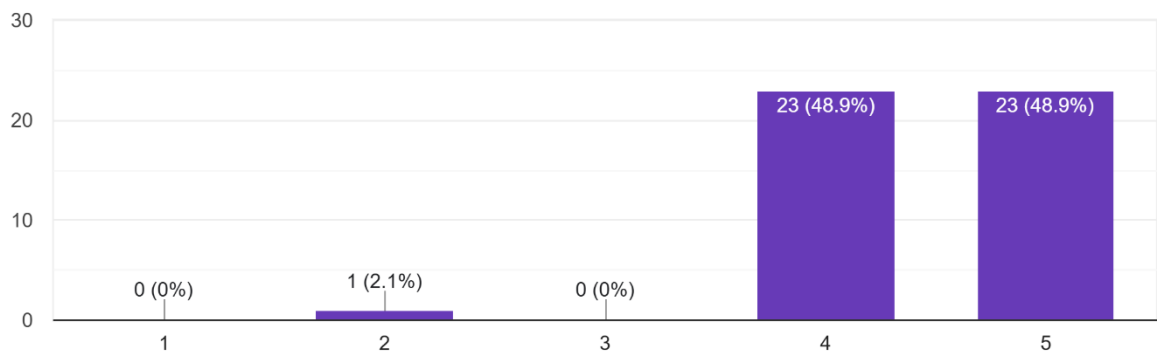
### Achievement level in understanding the topics

47 responses



### How relevant was the content of the session to your course or academic interests?

47 responses



**FACULTY COORDINATOR**

**Dr. B NITHYA RAMESH**

**HOD-MCA**

**Dr. ASHA V**





# NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## GUEST TALK - ORACLE SQL & PL/SQL: ESSENTIAL CONCEPTS FOR DEVELOPERS

A.Y. 2024-25

RESOURCE PERSON: Mr. Sivaguru K, Software Engineer, Capgemini, Bangalore

VENUE: B308

DATE: 25-02-2025

TIME: 2:30 PM to 4:30 PM

FACULTY COORDINATOR: Dr. B Nithya Ramesh

CONVENOR: Dr. V Asha

SERIAL NO	USN NO	NAME	SIGNATURES
1	INH24MCA103-T	SHASHANK M ARADHYA	@shashank.M
2	INH24MCA060-T	VISHWAS M	Vishwas M
3	INH24MCA146-T	SATHISH M	Sathish M
4	INH24MCA115-T	Thripethi M.V	Thripethi
5	INH24MCA128-T	VASHASWINI T.P	Vashaswini
6	INH24MCA131-T	RANJITHA	Ranjitha
7	INH24MCA036-T	Tegashwini Q.S.	Tegashwini
8	INH24MCA150-T	Nikitha P	Nikitha P
9	INH24MCA144-T	Lekshmi G	Lekshmi G
10	INH24MCA116-T	Meenakshi J. H	Meenakshi
11	INH24MCA133-T	Jyoti. N. Sarasambi	Jyoti
12	INH24MCA123-T	Vivek Raikair	Vivek Raikair
13	INH24MCA142-T	Venkatesh P	Venkatesh P
14	INH24MCA052-T	Yuvraj	Yuvraj
15	INH24MCA148-T	NEEL JOHNSON	Neel Johnson

16	INH24MCA-120-T	Panath Kumar P	Panath
17	INH24MCA-068T	Santhosh .N.	Santhosh .N.
18	INH24MCA-046-T	Sajeeraj .A	Sajeeraj .A
19	INH24MCA-040-T	Madhu Kumar . K	<del>Sujeeraj .A</del>
20	INH24MCA-049-T	Subramanya .G.H	Subramanya
21	INH24MCA-161-T	Teja CHANDRA KUMAR G.	Teja Chandra
22	INH24MCA130-T	Prajwal .N	Prajwal
23	INH24MCA153	Nitish Kumar	Nitish
24	INH24MCA003	P Delhi Babu	Babu
25	INH24MCA177	Nisukhi M .V	Nisukhi
26	INH24MCA018	Madhu G. N	Madhu
27	INH24MCA064	KIRAN .R	K.R.
28	INH24MCA182-T	Breetham B.S	Breetham
29	INH24MCA106-T	K.M. Sreyas	Sreyas
30	INH24MCA037-T	Jaganth Nair	Jaganth
31	INH24MCA047-T	Naradha singh	Naradha
32	INH24MCA178-T	Mahabal . S.K	Mahabal
33	INH24MCA157-T	M.N. Yashwanth .Kumar	Yashwanth
34	INH24MCA145-T	Manoj .G.L	Manoj
35	INH24MCA048-T	Naru . Ramana Reddy	Naru . Ramana Reddy
36	INH24MCA160-T	M - prajwal	prajwal
37	INH24MCA173-T	Maddi Manoj Kumar	Manoj Kumar
38	INH24MCA023-T	Breetham .K.M	Breetham .K.M
39	INH24MCA141-T	PIYUSH	Piyush
40	INH24MCA073-T	Vinay Kumar . K	Vinay Kumar
41	INH24MCA143-T	Venu . J	Venu
42	INH24MCA030-T	Ved . J (Vday . C)	Ved . J



11

43	INH24MCA010-T	Suyash Trivedi	<del>Suyash</del>
44	INH24MCA008-T	Sharfaraj Gumnalli	<del>R</del>
45	INH24MCA025-T	Zubair Alam	<del>Z</del>
46	INH24MCA105-T	Meghana.R	Meghana.R
47	<del>INH24MCA139-T</del>	Keerthana.G.R	<del>Keerthana</del>
48	INH24MCA104-T	Kavya G M	<del>Kavya</del>
49	INH24MCA159-T	Madhushree GR	<del>M</del>
50	INH24MCA020-T	Ko vineela	Vineela
51	INH24MCA109-T	MONICA B	Monica.B
52	INH24MCA005-T	Kaishma Singh	Singh
53	INH24MCA136-T	Ranjita S. Nigale	Ranjita
54	INH24MCA117-T	Nakshita Tandel	<del>Nakshita</del>
55	INH24MCA131-T	Kaishma GA	<del>Kaishma</del>
56	INH24MCA065-T	Lavanya K. L	<del>Lavanya</del>
57	INH24MCA086-T	Naymin B	S. Naymin
58	INH24MCA044-T	Kanika	Kanika
59	INH24MCA047-T	Nikhitha G S	Nikhitha
60	INH24MCA163-T	Prajwal B	<del>Prajwal</del>
61	INH24MCA110-T	Muthesh P Kulk	<del>Muthesh</del>
62	INH24MCA069-T	KARTHIC Y.M	<del>Karthic</del>
63	INH24MCA077-T	Bhargava N	<del>Bhargava</del>
64	INH24MCA040-T	MADHUKUMAR	<del>M</del>
65	<del>INH24MCA028-T</del>	Nitish Kumar	<del>Nitish</del>
66	INH24MCA028-T	Nitish Kumar	Nitish Kumar
67	INH24MCA116-T	Venugopal M	Venugopal.M
68	INH24MCA021-T	Vinay Kumar	<del>Vinay</del>
69	INH24MCA041-T	Vinay Kumar	Vinay

