

V.S.R. Government Degree & P.G. College

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Grade**

(Affiliated to Krishna University)



Workshop on "Oracle, SQL.PL/SQL" on 10/11/2018 to 11/11/2018

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Introduction

From October 10, 2018, to October 11, 2018, the Department of Computer Science at VSRGDC,MOVVA conducted a 2-day workshop titled "Workshop on Oracle, SQL, PL/SQL." The primary objective of this comprehensive workshop was to provide students with in-depth knowledge and practical skills in Oracle database management, SQL (Structured Query Language), and PL/SQL (Procedural Language/Structured Query Language), essential for careers in computer science and database management.

Activity Details

- Nature of the Activity: 2-day Workshop
- Title of the Activity: Workshop on Oracle, SQL, PL/SQL
- Conducted Through: Department of Computer Science
- Lecturer: Department of Computer Science Faculty
- Resource Person: S. Kamalakar, VIT Women, Vijayawada
- Number of Students Participated: 100

Workshop Highlights

The 2-day Workshop on Oracle, SQL, and PL/SQL covered a wide range of topics, ensuring students gained comprehensive knowledge and practical experience in database management and query languages, including:

1. Introduction to Oracle: An overview of Oracle as a relational database management system, its significance, and its architecture.

2. SQL Fundamentals: A deep dive into SQL, covering database querying, data manipulation, and database design principles.
3. PL/SQL Programming: Understanding PL/SQL, Oracle's procedural extension of SQL, and learning to write and execute PL/SQL programs.
4. Database Design: Principles of database design, schema development, and normalization techniques.
5. Data Integrity and Security: Ensuring data integrity through constraints, and implementing security measures to protect the database.
6. Backup and Recovery: Strategies for data backup and recovery in Oracle databases.
7. Performance Tuning: Techniques for optimizing the performance of Oracle databases and SQL queries.
8. Hands-on Labs: Practical sessions and lab exercises, allowing students to apply their knowledge in real-world scenarios.

Participants' Feedback

The 2-day workshop received enthusiastic feedback from the 100 students who participated. They appreciated the comprehensive coverage of Oracle, SQL, and PL/SQL, and found the hands-on labs particularly valuable. S. Kamalakar's expertise and guidance were highly commended.



Conclusion

The Department of Computer Science successfully organized a 2-day Workshop on Oracle, SQL, and PL/SQL, providing students with comprehensive knowledge and hands-on experience in database management and query languages. This workshop equips students with critical skills essential for careers in database administration and computer science.

We extend our appreciation to the faculty members of the Department of Computer Science for their coordination and to S. Kamalakar from VIT Women, Vijayawada, for sharing his expertise in Oracle, SQL, and PL/SQL.




PRINCIPAL
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