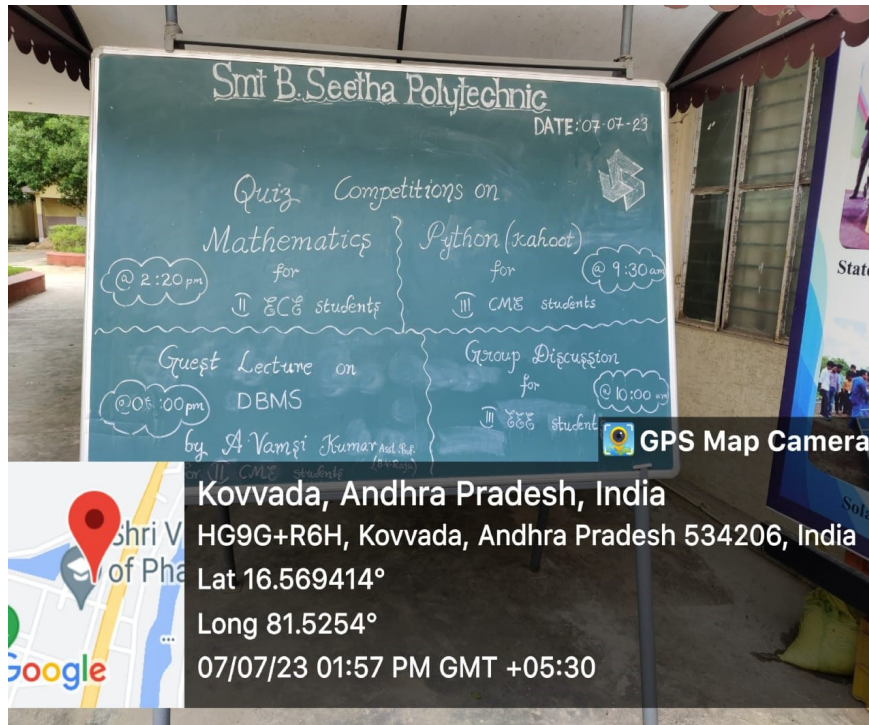


B V RAJU COLLEGE

VISHNUPUR :: BHIMAVARAM

DEPARTMENT OF COMPUTER SCIENCE

A. Satya Vamsi Kumar, Assistant Professor in Computer Science Dept., B V Raju College, delivered the guest lecture on SQL Commands to the students of Second year diploma students of Smt. B.Seetha Polytechnic College on 07-07-23.



During the guest lecture on SQL commands, II CME students were introduced to the fundamental concepts and practical applications of SQL. The lecture began with an overview of SQL's significance in managing and analyzing data, along with an exploration of different database systems supporting SQL. The essential Data Manipulation Language (DML) commands, including SELECT, INSERT, UPDATE, and DELETE, were covered in detail, with explanations of their syntax and practical examples showcasing their usage. The lecture delved into retrieving data using the SELECT statement, covering filtering, sorting, grouping, and joining techniques. Students also learned about modifying data by inserting new records, updating existing ones, and deleting specific data.



In addition to the DML commands, the guest lecture also covered Data Definition Language (DDL) and Data Control Language (DCL) commands. The lecture provided an overview of DDL commands such as CREATE, ALTER, and DROP, explaining their role in creating, modifying, and deleting database objects such as tables, indexes, and views. Furthermore, the session delved into DCL commands like GRANT and REVOKE, which are used to manage user permissions and security within the database system.



The session included interactive exercises and real-world scenarios, allowing students to apply their newfound knowledge. Throughout the lecture, students actively participated, asking questions and engaging in discussions to deepen their understanding of SQL concepts. By the end of the session, the students had gained a comprehensive understanding of SQL's essential components, including DML, DDL, and DCL commands, enabling them to effectively manipulate and control data within a database environment. Students were equipped with the necessary skills to navigate databases and utilize SQL commands effectively.

