

DEPARTMENT OF INFORMATION TECHNOLOGY



Report On: Database Connectivity

- **Held on:** 11th October, 2023.
- **Time:** 9:30 am to 10:30 am
- **Venue:** B-63, 6th floor, RGIT.

ABIT RGIT organized an experience "database connectivity" for the peers of 2nd year under the guidance of Mr.Murtaza Burhani.

Database Connectivity refers to the methods and tools to establish a connection between an application and a database. Essential for performing operations such as querying, updating and managing the data stored within the database.

The event started by introducing Mr.Murtaza Burhani. The speaker gave brief foundation of databases, database management system and query languages and also some dominant languages. Further, the installation and setup of VS Code, installation of database application was completed.

Key concepts and components involved in database connectivity such as Database management system, Connecting String, Drivers, Connection Pooling and ORM(Object-Relational Mapping) were introduced.

As most seemingly SQL(Structured Query Language) is used far and wide, with the help of SQL, the speaker conveyed the ways of how can a database can be connected to applications with various computing languages such as Python, JAVA, C# also introducing the basics of these languages.

Students very well understood the abstraction of database connectivity and the atmosphere was a mix of interactions, question asking, doubt solving. Thus, the session ended on a positive note with a Vote of Thanks towards the zealous speaker.





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