

**Innovative Teaching Practice**

**Course Information:**

<b>Faculty Name</b>	: G.R.P.Kumari
<b>Course Name</b>	: Database Management Systems
<b>Class</b>	: II B.Tech I Semester
<b>Academic Year</b>	: 2023-2024
<b>Activity Name</b>	: Flipped Class Room
<b>Topic</b>	: Basic SQL arithmetic & logical operations

**Objective of the Activity:**

The objective of the flipped classroom is to enhance student engagement and understanding of basic SQL arithmetic and logical operations. Students will learn key concepts and syntax at home through videos and readings, allowing class time to be used for hands-on exercises, discussions, and problem-solving activities.



**Pre-Class Preparation:**

- Students received reading materials and video tutorials covering fundamental SQL concepts, including arithmetic operations (e.g., addition, subtraction) and logical operations (e.g., AND, OR, NOT).
- Each student prepared a set of practice queries that utilize both arithmetic and logical operations to discuss during the class activity.
- Students were encouraged to explore real-world scenarios where these operations could be applied in database queries.

**In-Class :**

- Share insights and clarify concepts from pre-class materials.
- Work in pairs or small groups to create and execute SQL queries using arithmetic and logical operations.
- Recap key concepts from pre-class materials and address any questions.

## Images / Screenshot of the practice

Mind Mapping Activity	Screenshot of the practice
<p><b>Activity on Flipped Class Room on the Topic Basic SQL arithmetic &amp; logical operations by 22NN1A1236</b></p>	 <p>Guntur, Andhra Pradesh, India 121-5-1133, Thurakapalem, Ratnagiri Nagar, Guntur, Andhra Pradesh 522006, India Lat 16.321339° Long 80.396875° 06/10/23 04:12 PM GMT +05:30</p>
<p><b>Activity on Flipped Class on the Topic Basic SQL arithmetic &amp; logical operations by 22NN1A12C8</b></p>	 <p>Guntur, Andhra Pradesh, India 121-5-1133, Thurakapalem, Ratnagiri Nagar, Guntur, Andhra Pradesh 522006, India Lat 16.321339° Long 80.396875° 06/10/23 03:21 PM GMT +05:30</p>

### Benefits of practice:

- **Enhanced Engagement:**

Students actively participate in discussions and activities, fostering a more interactive learning environment.

- **Personalized Learning:**

Students can learn at their own pace at home, revisiting materials as needed to reinforce understanding.

- **Increased Collaboration:**

Class time is dedicated to group work, promoting teamwork and peer learning.

Signature of Faculty Member

HOD