

RAMCO INSTITUTE OF TECHNOLOGY
Department of Computer Science and Engineering
Academic Year: 2020 - 20201 (Even Semester)

Degree, Semester & Branch: VI Semester B.E. CSE

Course Code & Title: CS8075 Data ware housing and Data Mining

Type of Activity: Collaborative Learning

Topic: Association rule in data mining

Date: 09.04.2021

Objectives:

O1: To enable the students to learn and explore about the Association rule in data mining

Justification for chosen the topic:

Association rule in data mining is an important concept in which students should have depth knowledge than they will be able to solve the problems

Steps in Collaborative Learning:

- **Plan**-About group size and composition
- **Introduce**-Time limits and decision making within the group all need to be discussed before the learning.
- **Monitor**- Once students have begun to work in their groups, it is job of the teacher to monitor and observe. Teacher should be available to answer questions and provide clarification as needed.
- **Process**- Giving time to reproduce their knowledge experience.

Activity Description:

Collaborative learning is an educational approach to teaching and learning that involves groups of students working together to solve a problem. Collaborative learning is based on the idea that learning is a naturally social act in which the participants talk among themselves. It is commonly illustrated when groups of students work together to search for understanding

Reflection critique

Post Implementation:

- The activity encouraged the students to give more ideas on Association rule
- It was a good experience for the students to learn concepts efficiently.

Observation Made:

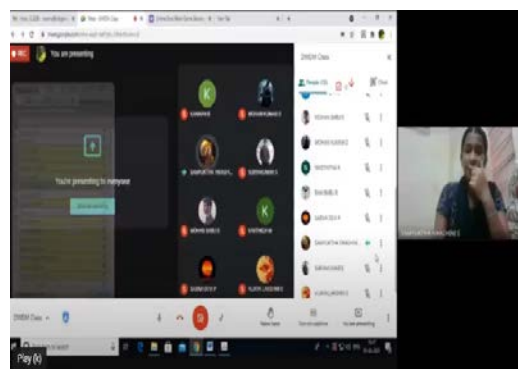
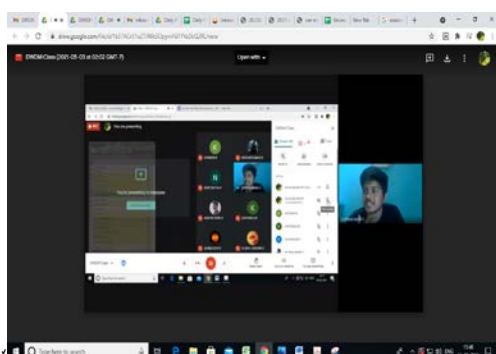
- Always the toppers only represent the concepts
- Some of the students finding difficulties in expressing the ideas inspire of knowing the concepts .

Steps taken for address the challenges

- Making the students to present the screen .
- Encourage the many students to represent the ideas.

Post implementation reflection

- All the students interestingly participated in the activity
- Enhances student satisfaction with the learning experience
- This activity forces students to think more clearly about the concept
- Students were encouraged to correlate the concepts



Relevance of Program Outcomes

Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
O1	3	3	3	3					3	3	3	

References:

1. <https://www.teachthought.com/pedagogy/20-collaborative-learning-tips-and-strategies/>
2. https://www.ritrjpm.ac.in/images/computer-science/28.CS8501_ColloborativeLearning.pdf

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