



## Department of Artificial Intelligence and Data Science

Academic Year 2022 – 2023 (Even Semester)

Degree, Semester & Branch: B.Tech , IV & Artificial Intelligence and Data Science

Course Code & Title: AL3452 & Operating Systems

Name of the Faculty member (s): B.Revathi

### Innovative Practice Description

❖ **Unit / Topic:** Unit -2 / Process Management Life Cycle

❖ **Course Outcome:** CO 2

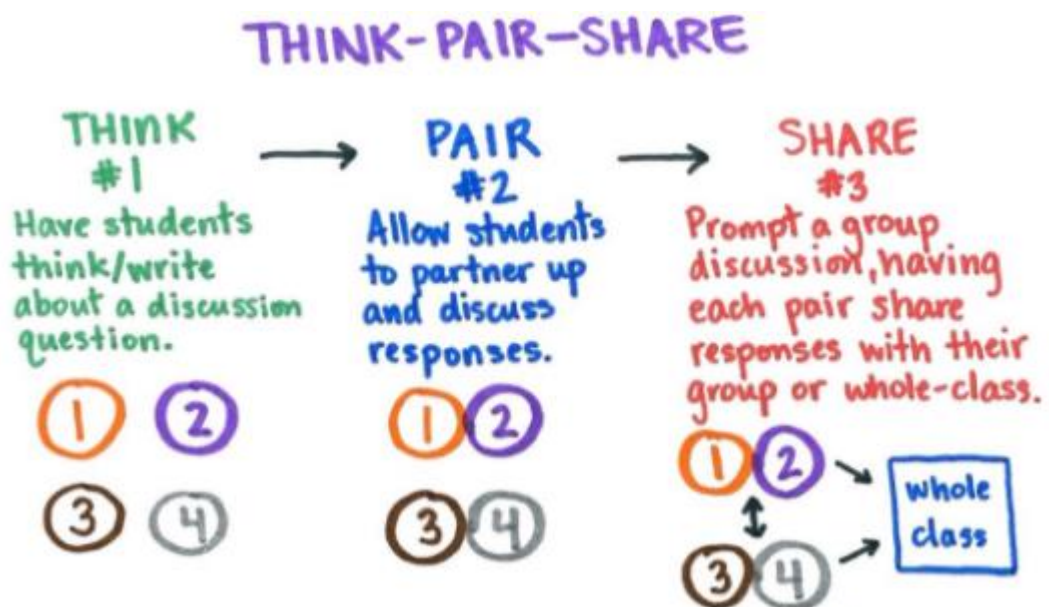
❖ **Topic Learning Outcome:** TLO8

(Describe the overview of Process Management)

❖ **Activity Chosen:** Think ,Pair & Share

❖ **Justification:**

- ❖ Think Pair & Share is a method that allows students to engage in individual and small- group thinking before they are asked to answer questions in front of the whole class. There are four steps to this method.
- ❖ **Step 1(5 minutes)**  
Groups of students listen to a question posed by the teacher.
- ❖ **Step 2: (10 minutes)**  
Individual students are given time to think and then write their responses.
- ❖ **Step 3: (20 minutes)**  
Pairs of students read and discuss their responses.
- ❖ **Step 4: (15 minutes)**  
A few students are called on by the teacher to share their thoughts and ideas with the whole class.





**Time Allotted for the Activity:** 50 minutes

• **Details of the Implementation:**

- Think-Pair-Share (Cooperating learning) innovative practice conducted for II AI & DS students, after explanation of the concept of Process Management Life cycle :fork(),exec(),wait() & close().
  - **Think:** The students to think about Process and system calls.
  - **Pair:** Make them as a pair or group and share the concepts of process management system calls with their team members.
  - **Share:** Finally one student from each group to explain the concept to whole class for further discussion. Mr.Veera Sheluck, Ms.Archana, II AI & DS shared their ideas and knowledge of how the system calls involved in process management to all students.

• **Images / Screenshot of the practice:**



• **Reflective Critique:**

❖ **Feedback of practice from students and other stakeholders:**

The students felt that this activity is very useful.

❖ **Benefit of the practice**(E.g.: Outcome attainment would have increased due to innovative practice over conventional practice)

The students can get more clarity in the particular topic by discussing and sharing their views with the other students in the class.

❖ **Challenges faced in implementation:**

Only one person selected from each group to share their answers in front of the class.



## References:

1. <https://www.readingrockets.org/strategies/think-pair-share>
2. <https://strategiesforspecialinterventions.weebly.com/think-pair-share.html>
3. <https://pendalearning.zendesk.com/hc/en-us/articles/233418767-Cooperative-Learning-Strategies-Think-Pair-Share>

