

KGISL INSTITUTE OF TECHNOLOGY

(Affiliated to ANNA University, Chennai and Approved by AICTE, New Delhi) Recognized by UGC, Accredited by NBA (B.Tech-IT)



KGiSL Campus, 365, Thudiyalur Road, Saravanampatti, Coimbatore – 641035

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Implementation details of Innovative Teaching Practices

| L | 8 |
|---------------------------------------|--|
| Year / Semester / Section: IV/ VII/ B | Degree & Branch: B.E. CSE |
| Course Code: MG8591 | Course Name: Principles of Management |
| Unit:2 | Topics Nature and Durness of Diapping |
| Activity Chosen: Think Pair Share | Topic: Nature and Purpose of Planning |
| | |

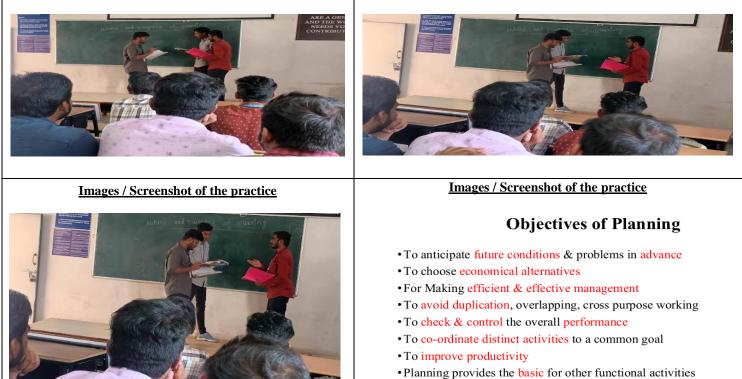
Details of the Implementation:

- The concept of Planning and purpose of planning for efficient working of an organization is explained in the classroom within 20 minutes.
- Based on the discussion, the faculty will ask the students to think about the given problem for 5 minutes individually without discussing with others in the class (Think)
- Next, pair up or make a group with others in the class and discuss their points with them for 5 minutes and also listen to their views (Pair).
- Finally share points with the entire class (Share).
- This assists the students in recalling the topic taught on that specific day, generating new ideas about the topic, and answering questions about the topic with ease.
- Faculty records their proceedings and measures students' progress before and after implementation.

| PO | PO8 | PO9 | PO10 | PSO3 | | |
|-----------|-----|-----|------|------|--|--|
| Relevance | 1 | 1 | 1 | 2 | | |
| | | | | | | |

Images / Screenshot of the practice

Images / Screenshot of the practice



Benefit of the practice: Think Pair Share helped the students to understand the concept of planning and its role for efficient working of an organization.



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Implementation details of Innovative Teaching Practices

| Year / Semester / Section: IV/VIII/A&B | Degree & Branch: B.E & CSE |
|--|---|
| Course Code:GE8076 | Course Name: Professional Ethics in Engineering |
| Unit: V | |
| Activity Chosen: Think-Pair-Share | Topic: Corporate Social Responsibility |
| | |

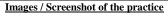
Details of the Implementation:

https://www.ritrjpm.ac.in/images/computer-science/Flipped-Classroom-PJ-DAA.pdf

- T : (Think) Teachers begin by asking a specific question about the text. Students "think" about what they know or have learned about the topic.
- P : (Pair) Each student should be paired with another student or a small group.
- S : (Share) Students share their thinking with their partner. Teachers expand the "share" into a wholeclass discussion.
- Step 1 (THINK) in this step, students were asked to define a concept or term in the topic Corporate Social Responsibility. Then, they were asked to think about its meaning and write down its use in society in a paper.
- In Step 2 (PAIR) students were asked to discuss with the individual sitting next to him or her about the terms and concepts identified in step1. The rationale in step 2 is to not only understand the concepts from each student's point of view but also learn from each other.
- Step 3 (SHARE) involved sharing the experience of learning the concept with the rest of the class. The rationale in step 3 is to understand the term or concept from a variety of perspectives.

| РО | PO6 | PO7 | PO8 | PO9 | PO10 | PO12 |
|-----------|-----|-----|-----|-----|------|------|
| Relevance | 3 | 3 | 3 | 1 | 1 | 3 |

Images / Screenshot of the practice







Benefit of the practice:

- Students can able to understand the details about Corporate Social Responsibility.
- Students can able to gain knowledge about the code of ethics are required to be a better software developer.
- This activity helps the students to know the importance of ethics during software development.



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Implementation details of Innovative Teaching Practices

| Year / Semester / Section: III/ V/ A&B | Degree & Branch: BE & CSE | |
|--|---|--|
| Course Code:OCE552 | Course Name: Geographic Information System | |
| Unit: II | Topic: vector data structures, raster vs vector | |
| Activity Chosen: Think Pair Share | models | |

Details of the Implementation:

- The concept of vector data structure which is useful for storing data that has discrete boundaries, such as country borders, land parcels, and streets is explained in the classroom within 20 minutes.
- Based on the discussion the faculty will ask the student to think about the given problem for 5 minutes individually without discussing with others in the class (Think)
- Next, pair up or make a group with others in the class and discuss their points with them for 5 minutes and also listen to their views (Pair).
- Finally share points with the entire class (Share).
- This assisted the students in recalling the topic taught on that specific day, generating new ideas about the topic, and answering questions about the topic with ease.
- Faculty records their proceedings and measures students progress before and after implementation.

| РО | PO1 | PO8 | PO9 | PO10 | PSO1 | |
|-------------------------------------|-----------------------|------------|-----|---------------|---------------------|--------------|
| Relevance | 2 | 1 | 1 | 1 | 1 | |
| Imag | es / Screenshot of th | e practice | | Images / Scre | eenshot of the prac | <u>etice</u> |
| Images / Screenshot of the practice | | | | | | |

Benefit of the practice:

Think Pair Share helped the students to understand the concept of vector models and the differentiation between vector and raster models .