



**A TECHNICAL REPORT ON PEDAGOGY IMPLEMENTED**

**Student Presentations**

**MATRIX ALGEBRA AND CALCULUS**

**I-I SEM, BRANCH: CSM**

**DATE OF EXECUTION: 15/03/2022**

**AY: 2021-22**

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## **Activity -1**

**Name Of Activity: Student Presentations**

**Course: Matrix Algebra and Calculus**

**Name Of Topic: Higher order Differential Equations**

**Year/Branch: I B.Tech I Semester CSM**

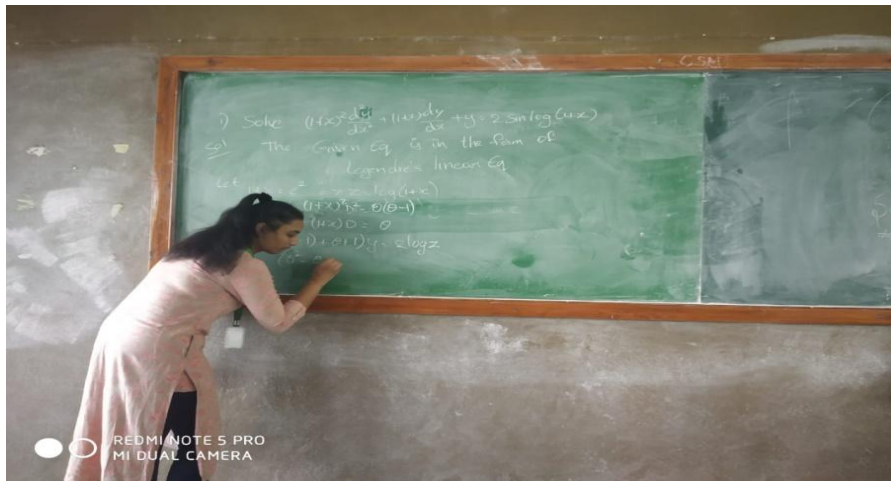
### **INTRODUCTION ON PEDAGOGY:**

Seminar activity is one of the tool work the students work in small groups to discuss assigned topics try to summarize their findings under the guidance of the lecturer. It also increases students ability to communicate interact with the audience and upholds self confidence in them. Before the seminars the students simulate and try to articulate real time real time audience and expected questions and probable responses they have to give. This makes them more proactive and research oriented.

### **IMPLEMENTATION:**

- **Divided the students into 10 groups.**
- **One of the student from Each group has explained**
- **Later I conducted viva.**

### **PROOFS:**



Student presentations



Student presentations

**RUBRICS:**

Introduction to topic	:	1 Mark
Delivery of the content	:	3 Mark
Presentation Skills	:	4 Mark
Q & A	:	1 Mark
Time Management	:	1 Mark

**OUTCOME:**

Students are able to learn the content confidently with effectively presentation.

**Suggestions given to Slow Learner:**

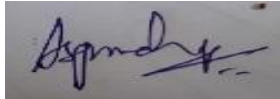
- Counseling given to student how to mingle with their classmates to share their points.
- Improve the confidence it will improve the knowledge
- Participate actively in the activities it will simplify the concepts

**CHALLENGES:**

- 1. Time management for each presentation
- 2. Slides preparation (copy paste)
- 3. Student communication abrupt

**STUDENT FEEDBACK:**

1. More active to participate in the activity
2. feels more satisfactory with outcome of activity



**Submitted by**

**HOD**

**Principal**

*M.Nagapavani*



**A TECHNICAL REPORT ON PEDAGOGY IMPLEMENTED**

**THINK PAIR SHARE**

**MATRIX ALGEBRA AND CALCULUS**

**I-I SEM, BRANCH: CSM**

**DATE OF EXECUTION: 20/03/2022**

**AY: 2021-22**

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## **ACTIVITY-2**

**Name Of Activity: Think Pair Share**

**Course: Matrix Algebra and Calculus**

**Name of Topic: Integrating factors in Differential equations**

**Year/Branch: I B.Tech I Semester CSM**

## **INTRODUCTION ON PEDAGOGY:**

Pair wise learning is collaborative learning strategy which helps the students to work together to give a solutions or answer to the assigned task. in this method a student thin an answer and share his ides with his pair . This method maximizes the learning levels of the students and increases the creativity.

## **IMPLEMENTATION:**

- Post a challenging question
- Student think quietly about it for a one/two minutes
- Every student pairs up with a partner
- They discuss the question for 5-10 minutes
- Finally the whole class engages in a discussion.
- Students raise their hands and share all the thoughts an ideas they've gathered.

**PROOFS:**



Fig. Students were sharing the ideas



**OUTCOME:**

This way, students were put into thinking mode, and then they share their thoughts with each other and arrive at the answer. This method helps them to remember these discussions at the time of exams and student can fare better in exams.

**Text books: Engineering mathematics-1****Suggestions given to Slow Learner:**

- Counseling given to student how to mingle with their classmates to share their points.
- Practice will improve the efficiency
- Be regular to the class so that there will be continuity

**CHALLENGES:**

1. Lack of time for effective execution and evaluation
2. Require support of another faculty.

**STUDENT FEEDBACK:**

1. More active to participate in the activity.
2. feels more satisfactory with outcome of activity.

Submitted by

HOD

Principal