

JSPM's  
Rajarshi Shahu College of Engineering, Pune  
Department of Electronics & Telecommunication Engineering

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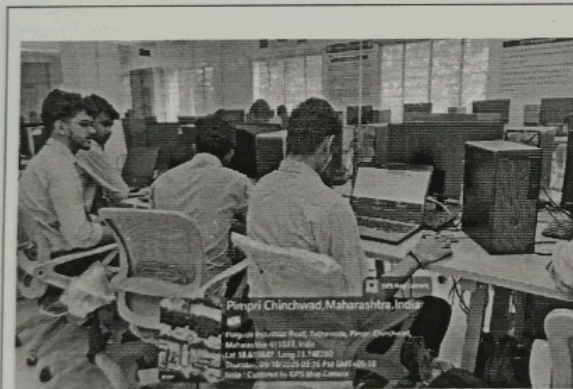
## INNOVATIONS IN TEACHING AND LEARNING

**Subject:** Advanced Data Structures and Algorithms

**Class:** S.Y. BTech E&TC

### **NAME OF THE ACTIVITY: Peer-Assisted Learning (PAL) Activity**

- I. **Objective( Goal):** To enhance students' understanding of programming concepts through collaborative and participative learning.
- II. **Appropriateness (Relevance of Selected Method):** This method helps students to
  - a) learn in a personalized way.
  - b) The advanced students strengthen their own understanding by helping others, while the weaker students get support and guidance in a friendly and comfortable environment.
  - c) It helps reduce the learning gap between students with different skill levels and motivates everyone to take part actively.
- III. **Effective Presentation (Implementation Details):**



### **IV. Results (Impact):**

As a result of the Peer-Assisted Learning activity, students showed better understanding of programming concepts.

The weak students gained confidence and were able to solve problems with the help of their peer mentors.

Advanced learners improved their communication, leadership, and problem-solving skills by guiding others.



## I. Reproducibility and Reusability by Other Scholars for Further Development

Sr.No	Innovation Used by	Details of User	Purpose of Reproducibility and Reusability
1.	Mrs. S.S. Godage	RSCOE	- all reduces preparation time & ensures continuous improvement.

## II. PEER REVIEW AND CRITIQUE

Category: Internal/External/Interdepartmental

Score: (1:Least 2: Moderate 3:Highly)

Question 1. Is this Innovative Teaching and Learning Methodology useful during content delivery?

Question 2. Did this innovation increase student motivation or participation?

Question 3. Will it show improvement in student learning?

Question 4. Suggestions for improvement in future iterations.

Category	Name of Peer	Organization	Q.1	Q.2	Q.3	Q.4 Suggestion/Critique
Internal	Mrs. S.S. Godage	RSCOE	3	3	3	- active participation - include more industry ex.
External	Mrs. Anishwari Pathak/Shitole	J2JT, Pune	3	3	3	- real world ex. - more engaging

*Dipak*  
Course Coordinator

*[Signature]*  
HOD E&TC  
**HEAD OF DEPARTMENT**  
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