

INNOVATIONS IN TEACHING AND LEARNING

Subject: Advanced Data Structures and Algorithms

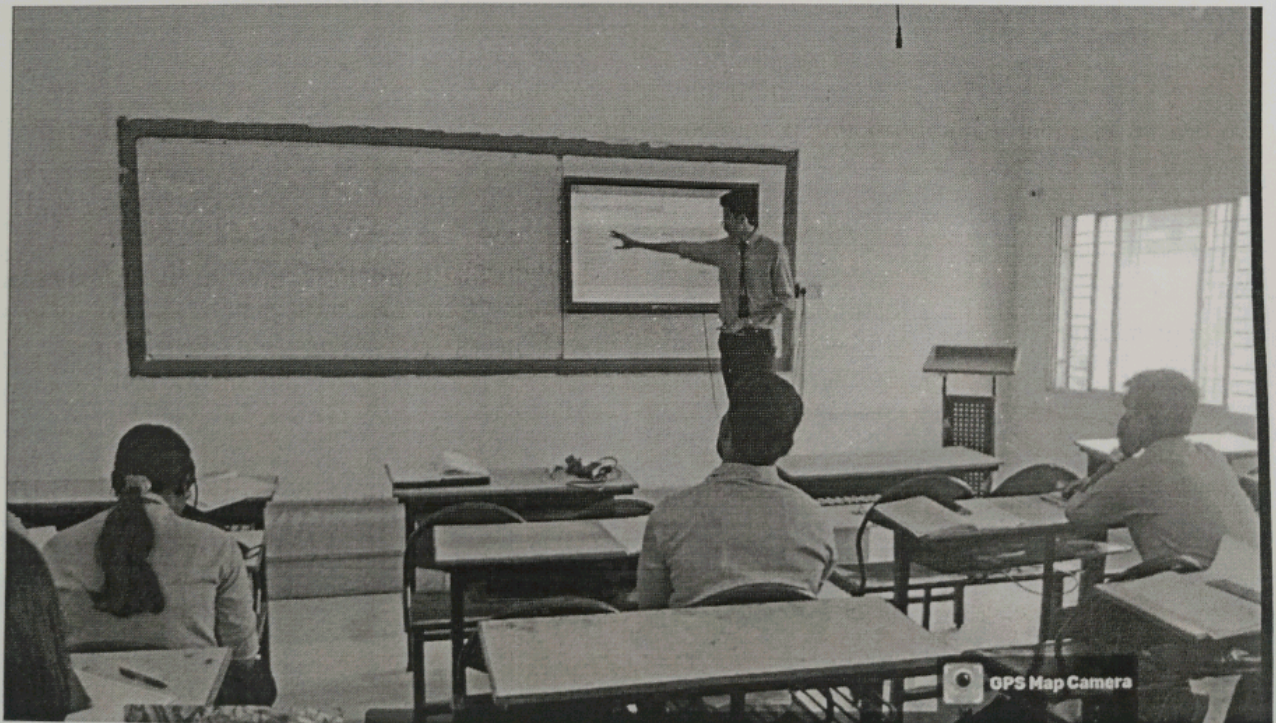
Class: S.Y. BTech E&TC

Topic: Presentation

NAME OF THE ACTIVITY: Presentation

Concept: Presentation

- I. **Objective(Goal):** Demonstrate Practical Application of Theoretical Concepts
- II. **Appropriateness (Relevance of Selected Method):** This method helps students to
 - a) To build strong problem-solving and coding skills.
 - b) Advanced data structures and algorithms are essential for competitive programming, technical interviews, and real-world software development
 - c) The presentation covers concepts beyond the basics, helping students deepen their knowledge and apply it effectively.
- III. **Effective Presentation (Implementation Details):**



IV. Results (Impact):

- A. This activity inculcates the habit of self learning among students and relate their coursework to current trends, technologies, and professional practices.
- B. Encouraged students to get theory knowledge with help of real time application.
- C. Students will be able to analyze and compare the performance of different algorithms.

D. Reproducibility and Reusability by Other Scholars for Further Development

Sr.No	Innovation Used by	Details of User	Purpose of Reproducibility and Reusability
1.	Mrs. B.S. Godge	JSPM RSCOE	- Student start participating in logical thinking, started discussion on logic of Pgm.

E. 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. Godge	JSPM RSCOE	2	3	3	- it enhances active individual participation.
External	Mrs. Aishwary Pathak	Bharti vid. Lavale	3	3	3	and enhances teamwork interactive & IA

Course Coordinator

Module Coordinator

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