



Department of Civil Engineering

Academic Year: 2021 - 2022 (Odd Semester)

Degree, Semester & Branch: VII semester B.E E.C.E – A&B, Mechanical – A&B

Course Code & Title: OEN751 & Green Building Design

Name of the Faculty member: Mr.J.Ramprashath

Innovative Practice Description

Unit / Topic: Unit I / Environmental Implications of Buildings / Waste Disposal

- **Course Outcome:** CO1
- **Topic Learning Outcome:** TLO1
- **Activity Chosen:** One Minute Paper
- **Justification:**

Solid Waste Disposal involves various process like incineration, composting anaerobic digestion, etc. Hence, I wanted to assess the level of understanding of the students on this particular topic.

- **Time Allotted for the Activity:** 1 minute.
- **Details of the Implementation:**
 - One Minute Paper is a very commonly used classroom assessment technique. It really does take about a minute and, while usually used at the end of class, it can be used at the end of any topic discussion.
 - I asked all students to take a piece of paper and made them to write in their own words about the topic at the end of the lecture.
- **CO – PO / PSO mapping:**

CO	PO1	PO5	PO7
CO1	3	2	3

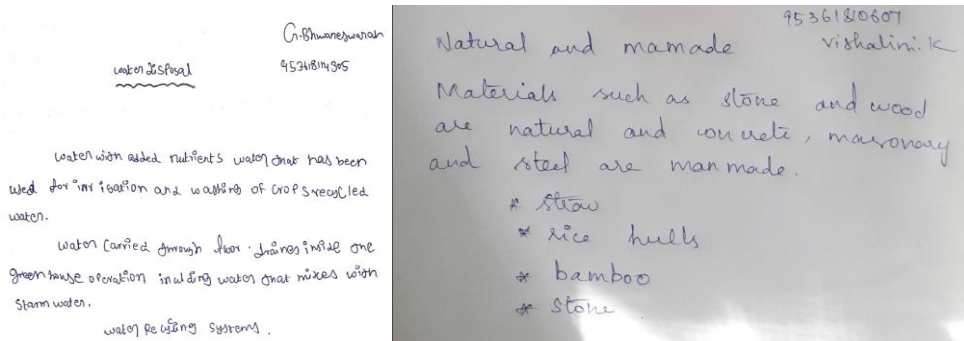
(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO1	PO5
Justification for correlation	By understanding the importance of various solid waste disposal methods, the students will be able to provide solutions for complex solid waste management problems by applying the knowledge on methods of solid waste disposal.	Analysis of complex solid waste disposal problems can be carried out with the help of natural and engineering sciences related to various methods of the same.
	PO7	

	<p>Knowledge on waste disposal techniques is very much essential for arriving at suitable solutions for various environmental and sustainability related problems.</p>
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• **Images / Screenshot of the practice:**



• **Reflective Critique:**

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

The students felt easy to remember and recollect the concepts involved in the given topic which will make them to attend the questions under this topic in Internal Assessment Test.

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

- i. One Minute Paper is an effective way of involving all students in class simultaneously.
- ii. It prompts students to reflect on the day's lesson and provides the instructor with useful feedback.

❖ **Challenges faced in implementation:**

Initially, I have planned the activity for 1 minute but students have taken 2 to 3 minutes to write the answers.

References:

- ❖ Sustainable Building Design Manual. Vol 1 and 2, Teri, New Delhi, 2004.