Department of Civil Engineering
Academic Year 2021– 2022 (Odd Semester)

Degree, Semester & Branch: IV semester B.E Civil Engineering
Course Code & Title: EN8591 & Municipal Solid Waste Management
Name of the Faculty member (s): Mrs.A.Leema Margret

Innovative Practice Description

Unit / Topic: Unit I / Classification of Solid Wastes

- **Course Outcome:** CO1
- **Topic Learning Outcome:** TLO1
- **Activity Chosen: One minute paper**
- **Justification:**

  The concepts related to source and type based classification is very important. In order to make the students more attentive one-minute paper activity was planned.
- **Time Allotted for the Activity:** 3 minutes
- **Details of the Implementation:**

  i. The 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..

  ii. I asked all students to take a piece of paper and made them to write classification of solid wastes whatever they remember related to given topic.

- **CO – PO / PSO mapping:**

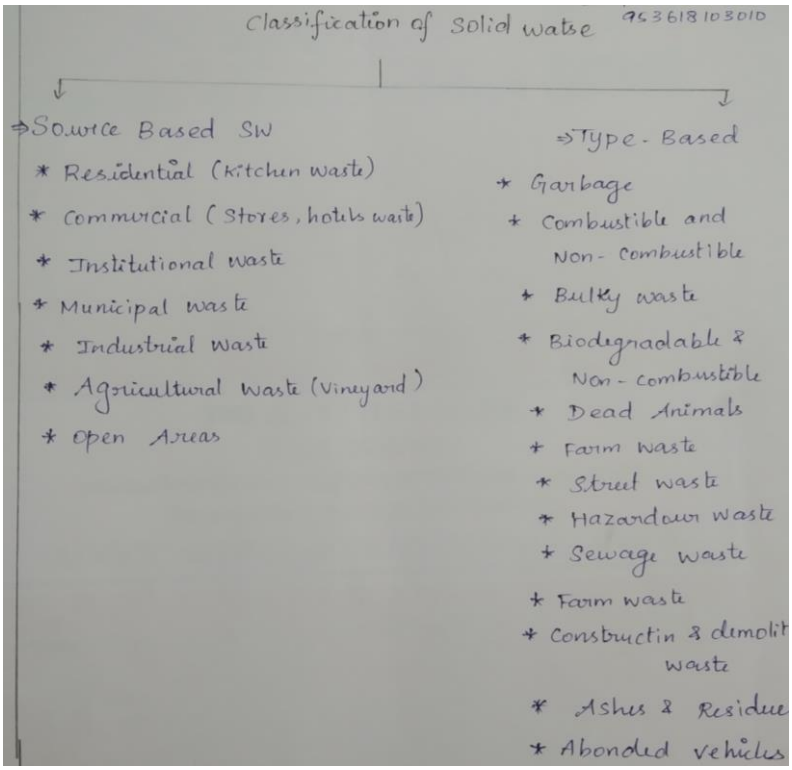
CO	PO6	PO7	PSO3
CO1	2	2	2

(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO6	PO7	PSO3
Justification for correlation	Under Solid waste management rule 2016, guidelines for waste management are followed for the protection of public health and safety	Sustainable waste management is important that enables a steady socioeconomic development and protects the environment and our health	Provide sustainable solutions for renewable energy and recycling technology

- **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. Minute papers activities are 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:***
    There was a time lapse as students took some more time to recollect the source and types based classification

References:

- ❖ **https://blendedtoolkit.wisc.edu/wp-content/uploads/2016/09/MInute-Paper.pdf**
- ❖ **https://nptel.ac.in/courses/120/108/120108005/**