



RAMCO INSTITUTE OF TECHNOLOGY

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Department of Civil Engineering

Academic Year 2022– 2023 (Odd Semester)

Degree, Semester & Branch: VII Semester B.E Civil Engineering

Course Code & Title: EN8591 & Municipal Solid Waste Management

Name of the Faculty member(s): Mrs.R.Kalaimani

Innovative Practice Description

- **Course Outcome:** CO2
- **Activity Chosen:** Visible Quiz
- **Justification:**

The concepts related to the Reduction, Reuse and Recycling are very important. In order to assess the understanding level of the students, visible quiz activity was conducted.

- **Time Allotted for the Activity:** 10 minutes

- **Details of the Implementation:**

- Initially, 20 questions covering the reduction, reuse and recycling solid waste was taken and prepared in a power point presentation.
- The students were split into a group of two members (class strength: 17). 07 groups were formed and each member of the group were given with a card containing A, B, C, D.
- Each group was provided with a paper to write down the answer for each question.
- Once the question is displayed one by one. The group member should raise the correct option card for the question.
- The other member will write the team answer in the paper given. Finally, the paper was interchanged with the group and discussed the correct answers.

- **CO – PO / PSO mapping:**

CO	PO 6	PO 7	PO10	PO12
2	2	2	1	2

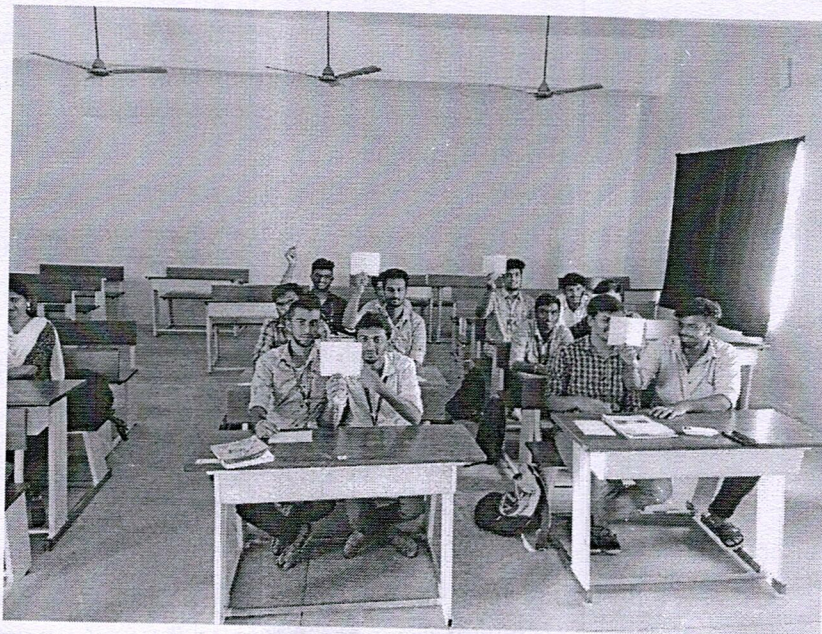
(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO7	PSO4	PSO2	PSO3
Justification for correlation	Demonstrate the knowledge gained in on-site processing which is the most	Knowledge on 3R principle enhance communication skill and deliver effective oral presentation.	: Use appropriate skills to prevent waste and conserve natural resources	Students are provided with enough knowledge to give sustainable solutions for waste reduction, storage and recycling.

	<p>effective and sustainable way to achieve resource recovery challenges such as sustainable development.</p>			
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• **Images / Screenshot of the practice:**



• **Reflective Critique:**

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

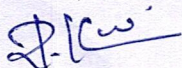
The students felt easy to remember and recollect the concepts as well as pictures involved in the given topic which will make them study in the examination

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


- This activity helped the students to quickly recap the reduce, reuse and recycling.
- Visible quiz is a team-based activity which supports collaborative learning through which the concepts will be made clear.

• **Challenges faced in implementation:**

- This activity was planned for 10 minutes but it took 15 minutes for completing the discussion.
- The highest mark obtained by the group is 14/20.


 Name of the Faculty member
 Form No. AC 10c

Rev.No.01


 HoD/ Incharge
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 Effective Date: 02.08.2021