



RAMCO INSTITUTE OF TECHNOLOGY

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Department of Civil Engineering

Academic Year: 2023 - 2024 (Odd Semester)

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

Course Code & Title: CE8702 & Railways, Airports, Docks and Harbour Engineering

Name of the Faculty member: Mrs.A.Leema Margret, AP/Civil

Innovative Practice Description

Unit / Topic: Unit - I / Railway Planning and Construction

- **Course Outcome:** CO1
- **Topic Learning Outcome:** TLO1
- **Activity Chosen:** Quick Write
- **Justification:**

Elements of permanent way is the major topic in the unit. By understanding the basic content the students will be able to study well the remaining content of the unit. Hence, to assess the understanding of students on the above topic, I decided to give 'Quick Write' technique on the above topic.

- **Time Allotted for the Activity:** 3 minutes.

- **Details of the Implementation:**

- Quick Write 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:**

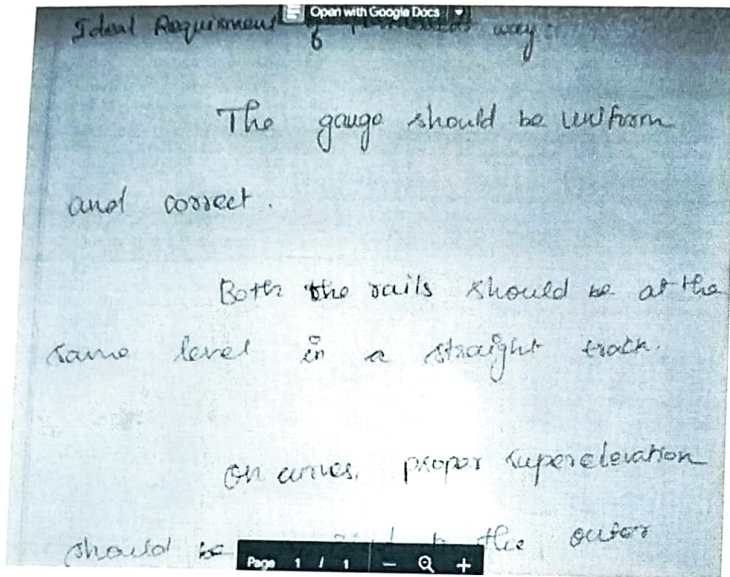
CO	PO1
CO1	3

(1 – Low 2 – Moderate 3 – High)

- **PO mapped:**

Innovative practice	PO1
Justification for correlation	By understanding the elements of permanent way and its functions, the students will be able to provide solutions for complex problems by applying the knowledge.

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:*

- i. Quick Write 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 3 minutes but students have taken 10 minutes to complete.

References:

- ❖ Saxena Subhash, C. and Satyapal Arora, A Course in Railway Engineering, Dhanapat Rai and Sons, Delhi, 1998.


Signature of Faculty Member


HOD