



# RAMCO INSTITUTE OF TECHNOLOGY

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Department of Civil Engineering

Academic Year 2022– 2023 (Even Semester)

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

Course Code & Title: CE8603 & Irrigation Engineering

Name of the Faculty member (s): Mrs.A.Leema Margret

Innovative Practice Description

Unit / Topic: Unit I / Relationship between Duty, Delta & Base period

- Course Outcome: CO1
- Topic Learning Outcome: TLO4
- Activity Chosen: One minute paper
- Justification:

The concepts related to Duty, Delta and Base period relationship 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:

- 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.
- I asked all students to take a piece of paper and made them to derive the relation between duty, delta and base period whatever they understood related to given topic.

- CO – PO / PSO mapping:

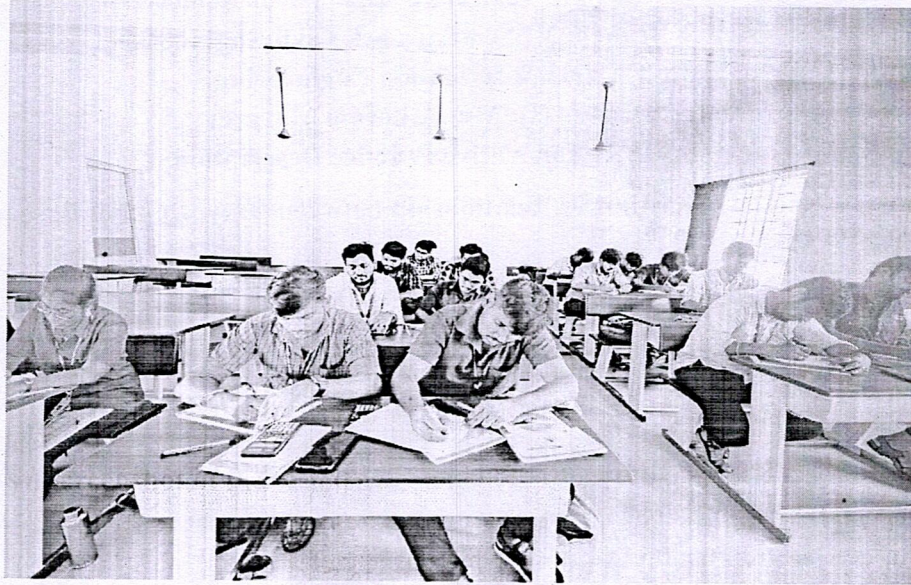
CO	PO1	PSO2
CO1	2	2

(1 – Low      2 – Moderate      3 – High)

- PO / PSO mapped:

Innovative practice	PO1	PSO2
Justification for correlation	Mathematical knowledge and Engineering fundamentals required to study water requirement of crops	Use essential skills and techniques for crop water requirements

- 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 derive the relationship between duty, delta and base period.

**References:**

- ❖ <https://blendedtoolkit.wisc.edu/wp-content/uploads/2016/09/Minute-Paper.pdf>
- ❖ Garg S. K., "Irrigation Engineering and Hydraulic structures", Khanna Publishers, 23rd Revised Edition, New Delhi, 2009

  
Signature of Faculty Member

  
HOD