



Department of Civil Engineering

Academic Year 2021– 2022 (Odd Semester)

Degree, Semester & Branch: III semester B.E Civil Engineering

Course Code & Title: CE8361 & Surveying Laboratory

Name of the Faculty member (s):

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Innovative Practice Description

- **Unit / Topic:** Unit I / Chain surveying

- **Course Outcome:** CO1

- **Topic Learning Outcome:** TLO1

- **Activity Chosen:** One minute paper

- **Justification:**

In Chain surveying, only measurements are taken in the field, and they can measure only linear not for angular measurement. For that, I want to check the understanding level of the students that's why I have chosen One Minute Paper Activity for this topic.

- **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 write about the chain surveying whatever they remember related to given topic.

- **CO – PO / PSO mapping:**

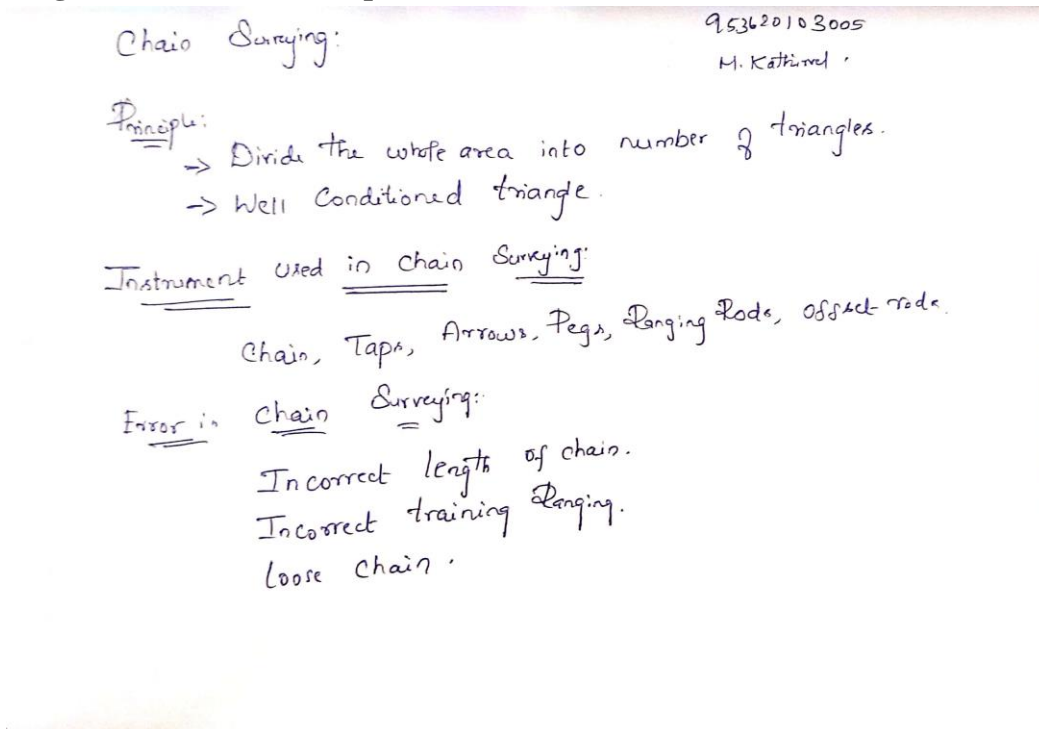
CO	PO1	PO9	PSO3
CO1	3	2	2

(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO1	PO9	PSO3
Justification for correlation	Apply fundamental engineering concepts to solve engineering problems in chain surveying	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	Provide necessary solutions to civil engineering problems

- **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 for doing experiment in field

- **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:**

Initially, I have planned the activity for 3 minute but students have taken 5 minutes to write fluid types and draw the stress-strain graph

References:

- ❖ <https://blendedtoolkit.wisc.edu/wp-content/uploads/2016/09/MInute-Paper.pdf>