



Department of Civil Engineering

Academic Year 2021– 2022 (Odd Semester)

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

Course Code & Title: GE8071 & Disaster Management

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

Innovative Practice Description

Unit / Topic: Unit I / Types of Natural Disasters – Avalanche and Tsunami

- **Course Outcome:** CO1
- **Topic Learning Outcome:** TLO2
- **Activity Chosen:** Visible Quiz
- **Justification:**

The concepts related to natural disasters types 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, 15 questions covering the important topic in natural disasters 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:**

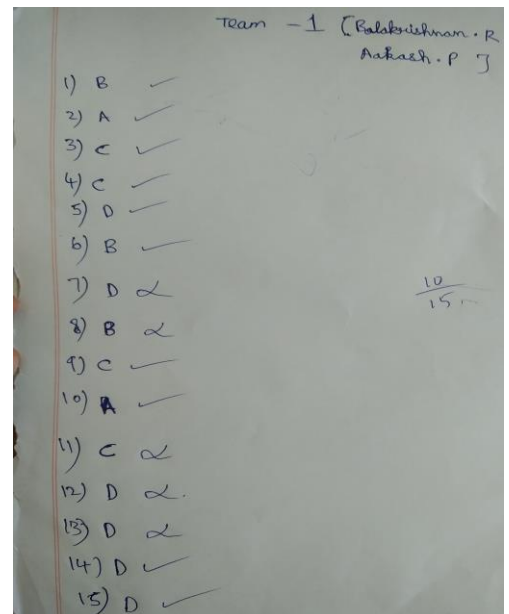
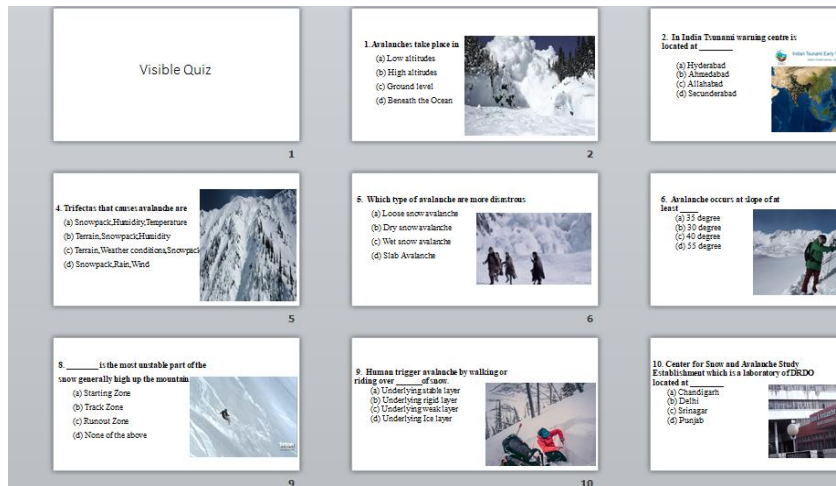
CO	PO6	PO9	PO10	PO12
CO1	3	1	2	1

(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO6	PO9	PO10	PO12
Justification for correlation	Understand the importance of safety while providing solutions for disaster preparedness	Understanding the impact of team work while providing solutions for Environmental issues	Providing early warning to the peoples during disaster period	Continous learning while updating technology as per the changing scenario in facing disasters

• **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)

- This activity helped to quickly recap the important fundamental knowledge about Natural disaster - Tsunami and Avalanche
- 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 12/15.

References:

- <https://nptel.ac.in/courses/105/104/105104183/>
- https://nidm.gov.in/easindia2014/err/pdf/themes_issue/env/types.pdf