Civil Engineering Department
School of Engineering & Technology
Academic Year 2025-26

1. Event Title: "Field Visit on World Earth Day: Sustainable Slope Protection at Earthen Dam"

2. Event Date: 22.04.2026

3. Event Conduction Duration: 12:00 Noon to 1:00 PM

4. Event Venue: Earthen Dam Site, Near SOET, Sandip University, Nashik /

5. Event Resource Person Details (Speaker Image, Speaker name, Designation, Company name)

Dr. Swati Patil, Head of the Department, Department of Civil Engineering, SOET, Sandip University, Nashik

Dr.S. Sudhakar, Professor, Department of Civil Engineering, SOET, Sandip University, Nashik

6. Name of Event Coordinator with contact details:

Dr. Swati Patil - Mo.8698747179

Dr. S. Sudhakar – Mo. 9444617244

7. Number of Participants: All Civil Engineering Faculty Members and students

8. Event Outline, Objective & Outcome of the event:

Outline:

The Department of Civil Engineering, School of Engineering & Technology, Sandip University, Nashik organized an insightful field visit to an Earthen Dam on 22nd April 2026 in observance of World Earth Day. Students were exposed to the causes of soil erosion, various slope protection measures, and the practical application of stone pitching for embankment stability. The visit promoted field-based learning on sustainable infrastructure and environmental protection.

Objective:

- To provide fundamental understanding on soil erosion and create awareness on soil erosion control and sustainable slope protection techniques in civil engineering practice.
- To provide practical exposure to students on real-life infrastructure systems and environmental conservation measures.

Outcome of Event:

- Students will be able to explain the concept of earthen dam construction, embankment behavior, and the importance of maintenance practices in hydraulic structures.
- Students developed a clear understanding of the causes and effects of soil erosion, along with the necessity of adopting suitable preventive measures for slope stability
- Students observed and understood the practical implementation of stone pitching as an effective method for protecting embankment slopes against erosion and instability.
- The students developed awareness of environmentally responsible construction practices that support sustainable infrastructure development.
- Students enhanced their analytical, observational, and application-oriented learning skills relevant to civil engineering practice through real-time site interaction,

Flyer:


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DEPARTMENT OF CIVIL ENGINEERING
SUSTAINABLE DEVELOPMENT GOALS
"OUR POWER, OUR PLANET"
HAPPY
Earth
• APRIL 22 •
Day
13 CLIMATE ACTION
Together, we can safeguard our planet and
ensure environmental sustainability

Figure 1: Dr S Sudhakar, Professor in Civil Engineering is explaining various slope protection measures to prevent soil erosion

Figure 2: Dr Swati Patil, Head Civil Engineering Department is explaining stone pitching technique implemented in the site

Figure 3: Civil Engineering students observing stone pitching technique implemented in the site for safe guarding the earthen slope

Figure 4: Group photo at the Earthen Dam Site