

DEPARTMENT OF BOTANY

Report on World Soil Day 2025 – Classroom Awareness Activity

Date: 5 December 2025

Venue: Botany Department

Organized by: Department of Botany in Association with Eco Club

1. Introduction

World Soil Day is observed annually on December 5th to highlight the importance of healthy soil for sustainable ecosystems, food security, and environmental conservation. In recognition of this global event, the Department of Botany, in collaboration with the Eco Club, organized a classroom awareness activity for undergraduate students. The theme for World Soil Day 2025 focused on “**Healthy Soils for Healthy Cities**”, emphasizing the need to protect soil fertility and maintain soil–water balance.

2. Objective of the Programme

The activity aimed to:

- ❖ Create awareness among students about the significance of soil health.
- ❖ Encourage the understanding of soil degradation, erosion, nutrient depletion, and conservation strategies.
- ❖ Promote student engagement through interactive presentations.
- ❖ Foster environmental responsibility through Eco Club initiatives.

3. Programme Details

A classroom awareness session was conducted wherein students delivered PowerPoint presentation on various aspects of soil science and conservation. The presentation covered:

- ✧ Importance of soil in sustaining plant life
- ✧ Causes and consequences of soil degradation
- ✧ Role of soil microorganisms
- ✧ Soil conservation practices (mulching, contour ploughing, cover crops)
- ✧ Soil pollution and its impact on biodiversity
- ✧ Sustainable agricultural practices
- ✧ The relationship between soil and climate resilience
- ✧ The session encouraged active participation and critical thinking.

4. Participation

Total number of student presenters: 02

Audience: First- and second-year Botany students

Faculty Present: Head of the Department, Eco Club Coordinator

Students demonstrated excellent teamwork and creativity.

5. Outcomes of the Activity

The classroom activity successfully enhanced environmental awareness among students. Key outcomes include:

- ❖ Improved understanding of soil health and conservation practices

- ❖ Increased interest in soil biodiversity and ecosystem functioning
- ❖ Motivation among students to participate in Eco Club activities and campus greening initiatives
- ❖ Strengthening of communication and presentation skills

6. Conclusion

The World Soil Day 2025 awareness activity, conducted through student-led PowerPoint presentations, was highly effective in promoting knowledge, responsibility, and environmental stewardship.



