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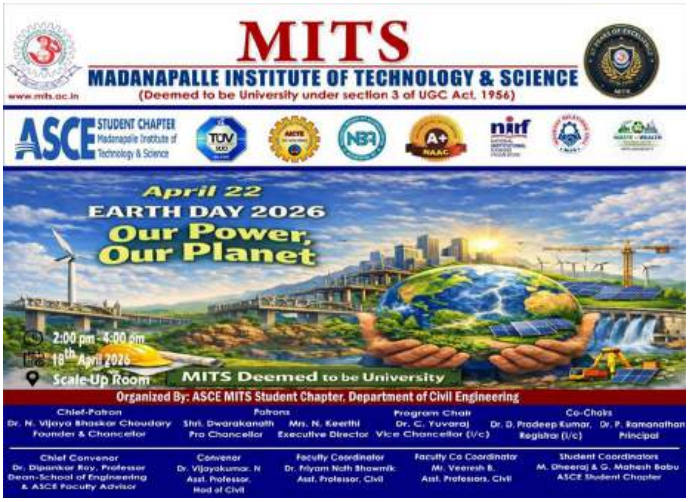
# A Report on "World Earth Day 2026"
## Organized by Department of Civil Engineering
## In Association with ASCE MITS Student Chapter, Department of Civil Engineering
## in collaboration with IRC and Waste to Wealth Research Centre
## on 18.04.2026




**Report Submitted by: Dr. Priyam Nath Bhowmik, Assistant professor, Department of Civil Engineering and Mr. Veeresh B, Assistant professor, Department of Civil Engineering.**
**Venue: Scaleup Room**
**Time: 2:00 pm to 4:00 pm**
**Mode of Conduct: Offline**
**Report Received on 07.05.2026.**

**Program Details:**
The celebration of Earth Day 2026 was organized with the objective of fostering environmental awareness and promoting sustainable practices among students. Observed globally on April 22, Earth Day highlights the urgent need to address environmental challenges such as pollution, climate change, deforestation, and biodiversity loss.

In view of the growing environmental concerns, the event served as a platform to sensitize students about ecological balance and the importance of sustainable living. The program included expert talks, interactive sessions, and a debate competition, enabling students to engage critically with environmental issues. The initiative also emphasized the role of youth in contributing toward global sustainability goals and adopting environmentally responsible behaviors in daily life.

## Objectives of the Event

- To create awareness about environmental issues such as pollution, waste management, and climate change.
- To promote sustainable habits and eco-friendly alternatives among students.
- To enhance communication and critical thinking skills through activities like debates.
- To instill a sense of environmental responsibility and ethical values.
- To align learning with Sustainable Development Goals (SDGs).


## Key Highlights of the Event

The event featured insightful talks by distinguished faculty members:

- **Dr. Dipankar Roy**, Dean, School of Engineering, MITS–Deemed to be University, addressed students on the causes of pollution and remedial measures. He emphasized practical steps that individuals can follow to reduce pollution and protect the environment.
- **Dr. Vijayakumar Natesan**, Head of the Civil Engineering Department, highlighted the issue of plastic waste and strongly encouraged the use of gunny bags instead of plastic bags. He advised students to develop the habit of carrying reusable bags at all times.
- **Dr. Sudheer Kumar Yantrapalli**, Associate Professor, Civil Engineering Department and In-charge of the Waste to Wealth Cell, spoke about **soil p**ollution, loss of vegetation, and sustainable waste management practices, stressing the importance of converting waste into useful resources.
- **Dr. Priyam Nath Bhowmik** delivered an informative talk on carbon emissions, explaining the daily carbon usage by human beings and plants, and the importance of maintaining carbon balance in nature.
- A debate competition was conducted among students on the broad theme of *World Earth Day 2026*, encouraging them to present their views on environmental sustainability and solutions.
- Students actively participated in awareness activities such as presentations, discussions, and eco-friendly campaigns.
- The program concluded with a pledge to adopt sustainable practices and reduce environmental impact.

## Knowledge Outcomes

- Understanding of pollution types and their remedial measures.
- Awareness of sustainable alternatives such as replacing plastic with reusable materials.
- Knowledge of soil degradation and waste management strategies.
- Insight into carbon emissions and ecological balance.
- Improved analytical and communication skills through debate participation.

## Programme Outcomes (POs) – Event Specific

- **PO1: Knowledge of Environmental Issues**: Students gained comprehensive knowledge about pollution (air, soil, plastic) and carbon emissions through expert talks.
- **PO2: Application of Sustainable Practices:** Students learned practical steps such as reducing plastic usage and adopting eco-friendly alternatives like gunny bags.
- **PO3: Critical Thinking and Awareness:** The debate competition enhanced students' ability to critically evaluate environmental challenges and propose solutions.
- **PO4: Environmental Responsibility:** The event instilled a strong sense of responsibility toward protecting natural resources and maintaining ecological balance.
- **PO5: Communication and Presentation Skills:** Students improved their ability to articulate ideas effectively through discussions and debates.
- **PO6: Waste Management and Innovation Mindset:** Awareness of societal responsibilities related to environmental protection.

ASCE MITS Student Chapter, Department of Civil Engineering in collaboration with IRC and Waste to wealth Cell.

## Key Takeaways

- Pollution control requires both awareness and individual action.
- Replacing plastic with sustainable alternatives is essential.
- Soil and vegetation conservation are crucial for ecological balance.
- Understanding carbon emissions helps in adopting climate-friendly habits.
- Youth play a vital role in driving environmental change.

## Conclusion

The World Earth Day 2026 celebration was highly informative and impactful. The expert talks, combined with student participation in the debate competition, created a holistic learning experience. The event successfully enhanced awareness, encouraged sustainable practices, and inspired students to contribute actively toward environmental conservation and a sustainable future.

## Program Outcomes (POs):

1. **PO1: Engineering Knowledge** – Application of environmental science concepts to understand pollution and sustainability.
2. **PO2: Problem Analysis** – Identification and analysis of environmental issues like plastic waste, soil pollution, and carbon emissions.
3. **PO3: Design**– Understanding practical solutions such as waste reduction and sustainable alternatives.
4. **PO6: Society** – Awareness of societal responsibilities related to environmental protection.
5. **PO7: Environment** – Strong emphasis on sustainability, ecological balance, and environmental conservation.
6. **PO8: Ethics** – Development of ethical responsibility toward environmental protection.
7. **PO9: Individual and Team Work** – Participation in group activities and debate competition.
8. **PO10: Communication** – Improvement in communication skills through discussions and debates.
9. **PO12: Life-long Learning** – Motivation to continuously learn and adopt sustainable practices.

## SDG Goals:

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| **SDG 4** | Quality Education | Enhances environmental awareness, critical thinking, and communication skills through expert lectures and debate competition. |
| **SDG 12** | Responsible Consumption and Production | Promotes reduction of plastic usage and encourages sustainable alternatives like the use of reusable gunny bags. |
| **SDG 13** | Climate Action | Creates awareness on carbon emissions, pollution control, and adoption of climate-friendly practices in daily life. |
| **SDG 15** | Life on Land | Highlights soil conservation, prevention of land degradation, and protection of vegetation and natural ecosystems.b |

## Feedback Analysis: