



# AMITY UNIVERSITY

## UTTAR PRADESH

Symposium  
to  
Celebrate  
World Environment Day, 2025  
(Theme: *Ending Plastic Pollution*)

*“Towards a Plastic Free Future: Innovations, Actions, and Solutions”*

June 5, 2025

Organised by  
*Amity Institute of Environmental Sciences,*  
*Amity University, Sector 125, Noida -201313 Uttar Pradesh, Noida*  
**Venue:F-3 MDP Room**  
**Time: 2:00-5:00 pm**

Globally, plastic pollution is now recognized as one of the serious threats to the environment. Plastic pollution has infiltrated every corner of the globe for decades, contaminating our bodies, food, and the environment. **In 2025, the goal of *World Environment Day* will be to eradicate plastic pollution.** Although plastic pollution is a serious issue, clear strategies are available, making it one of our most manageable environmental problems. However, it is still one of the major environmental issues. **This year, World Environment Day will be celebrated with the theme “*Ending Plastic Pollution*” campaign to encourage communities throughout the globe to adopt and promote solutions to manage and alleviate plastic pollution.**

The day will raise awareness of the mounting scientific data on the negative effects of plastic pollution and encourage people to recycle, reuse, reduce, and boycott plastics. Considering the theme of **World Environment Day, 2025**, Amity Institute of Environmental Sciences (AIES), Amity University Noida organizing a half-day symposium. The symposium will delve into the areas of alternatives to plastics, health impacts of plastics, including micro/nanoplastics, and finding sustainable strategies to beat plastic pollution.

### Schedule

5<sup>th</sup> June 2025

5 <sup>th</sup> June 2025	
Time	Programme Schedule

2:00 PM-2:10 PM	Seating of Dignitaries, Faculty members, and students at the Venue
2:10 PM- 2:15 PM	Lamp Lighting & Saraswati Vandana
2:15 PM -2:30 PM	Briefing on World Environment Day, 2025 and its theme <b>Dr. Renu Dhupper, Assistant Director, AIES</b>
2:30 PM-2:45 PM	Few thoughts by <b>Prof. D. K. Bandyopadhyay</b> Chief Advisor FPO/Chairman, Amity Law School, Mentor AIES, Amity University, Noida
2:45 PM-2:55 PM	<b>Few thoughts by Prof. (Dr.) Balvinder Shukla</b> Vice Chancellor, Amity University Uttar Pradesh (AUUP)
2:55 PM-3:25 PM	<b>Address by Dr. OP Mishra</b> Director, National Centre for Seismology (NCS) and Advisor/Head of Seismology and Geosciences (SAGE), Ministry of Earth Sciences, Government of India.
3:25 PM-3:55 PM	Address by <b>Dr. Chirashree Ghosh</b> Professor, University of Delhi
3:55 PM-4:25 PM	Address by <b>Dr. Lakshmi Kumar T.L</b> Associate Professor, Jawaharlal Nehru University, Delhi
4:25 PM-4:55 PM	<b>Quiz</b>
4:55 PM-5:05 PM	Summary of the symposium <b>Dr. Amrik Bhattacharya</b> Assistant Professor – II, AIES
5:05 PM-5:10 PM	<b>Felicitation &amp; Vote of Thanks</b> <b>Dr. M. P. Raju</b> Assistant Professor – II, AIES
5:10 PM-5:30 PM	<b>Networking &amp; High Tea</b>

The symposium, organized to mark World Environment Day 2025 on the theme “Ending Plastic Pollution”, served as a platform to discuss the pressing issue of plastic waste and explore sustainable solutions. The event brought together eminent speakers, faculty, students, and experts who collectively emphasized the urgency of addressing plastic pollution through research, innovation, policy, and community participation.

### 1. Inaugural Session

The program began with the seating of dignitaries, lighting of the lamp, and Saraswati Vandana, setting a solemn and respectful tone.

Dr. Renu Dhupper (Assistant Director, AIES) provided a briefing on World Environment Day 2025 and its global theme. She highlighted how plastic pollution has reached unprecedented levels, infiltrating soil, oceans, food chains, and even human bloodstreams through micro and nanoplastics. Her address stressed the role of youth and academia in fostering behavioural change by promoting the 4Rs: Reduce, Reuse, Recycle, and Refuse plastics.

## **2. Keynote Addresses**

**Prof. (Dr.) Balvinder Shukla** (Vice Chancellor, Amity University Uttar Pradesh)

Prof. Shukla addressed the gathering with an inspiring talk on the institutional role of universities in creating awareness and driving innovation. She noted that higher education institutions like Amity can act as incubators for eco-friendly solutions such as bioplastics, biodegradable packaging, and circular economy models. She also highlighted the importance of embedding sustainability values in curricula and campus practices.

**Prof. D. K. Bandyopadhyay** (Chief Advisor FPO/Chairman, Amity Law School, Mentor AIES, Amity University)

Prof. Bandyopadhyay spoke on the legal and governance aspects of plastic pollution, drawing attention to the gaps between policy intent and on-ground implementation. He emphasized that while laws such as the Plastic Waste Management Rules, 2016 (amended 2022) exist, enforcement remains weak. He encouraged students and researchers to integrate legal frameworks with scientific solutions, stressing interdisciplinary collaboration.

**Dr. O. P. Mishra** (Director, National Centre for Seismology (NCS) and Advisor/Head of Seismology and Geosciences (SAGE), Ministry of Earth Sciences, Government of India)

Dr. Mishra focused on the scientific challenges of plastic degradation. He explained the persistence of plastics in terrestrial and marine ecosystems, elaborating on how microplastics enter food webs and disrupt biodiversity. His talk also covered innovative technologies such as enzymatic degradation, microbial plastic digestion, and pyrolysis-based recycling. He encouraged collaborative research and investment in scalable waste-to-resource technologies.

**Dr. Chirashree Ghosh** (Professor, University of Delhi)

Dr. Ghosh discussed the health and ecological impacts of plastics, particularly micro and nanoplastics. Drawing from her research, she explained how these pollutants are linked to

endocrine disruption, respiratory issues, and soil fertility decline. She also emphasized ecosystem-based approaches like restoring wetlands, green chemistry, and promoting eco-friendly consumer choices as essential to combating the crisis. Her presentation resonated with students by connecting personal health and lifestyle choices with the broader environmental problem. She also gave an interesting example of how she tackled the cutlery waste at a Durga Puja celebration in her colony.

**Dr. Lakshmi Kumar T. L.** (Associate Professor, Jawaharlal Nehru University)

Dr. Lakshmi Kumar's address highlighted sustainable strategies and policy-level interventions for plastic reduction. He emphasized the global plastic treaty negotiations currently underway under the UN Environment Programme, pointing to the urgent need for India to align with international commitments. He also suggested community-driven zero-plastic campaigns, promotion of Extended Producer Responsibility (EPR), and integration of informal waste pickers into formal waste management systems.

### **3. Interactive Session: Quiz**

The session included a quiz competition on plastic pollution and sustainability practices, actively engaging students and encouraging them to test their knowledge of scientific facts, policies, and innovative solutions. This interactive component ensured greater involvement and learning among participants.

### **4. Concluding Session:**

Dr. Amrik Bhattacharya (Assistant Professor II, AIES) presented the summary of the symposium, weaving together the diverse perspectives shared by the speakers. He underlined that solving the plastic crisis requires multi-stakeholder collaboration, youth participation, technological innovation, and policy reinforcement. Dr. M. P. Raju (Assistant Professor II, AIES) delivered the vote of thanks, expressing gratitude to all speakers, participants, and organizers. He reiterated the message that every small step whether at the individual, community, or institutional level adds up towards creating a plastic-free future.

The event concluded with networking and high tea, providing opportunities for further discussions and collaborations. The symposium successfully created a platform for meaningful discussion on the scientific, health, policy, and societal dimensions of plastic pollution. Experts highlighted the urgency of the problem, innovative technological solutions, the importance of

sustainable alternatives, and the critical role of governance and public participation. The event not only raised awareness but also inspired the audience especially students to actively contribute toward ending plastic pollution and building a sustainable future.

### **Few Glimpses of the Program**











**THANK YOU**