



## LIFE BELOW WATER

Conserve and sustainably use the World's oceans, seas, and marine resources



**SDG - 14**

**Galgotias University  
Sustainability Report  
2024-25**





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### LIFE BELOW WATER

Galgotias University believes that the health of our planet begins with the health of its waters. Aligned with Sustainable Development Goal 14 – Life Below Water, the University is committed to promoting awareness, research, and innovation focused on conserving marine and aquatic ecosystems.

Environmental campaigns, scientific conferences, and community outreach encourage students and faculty to develop solutions that address plastic pollution, water conservation, and sustainable resource use. Each initiative reflects our belief that protecting oceans and water bodies is not just an environmental priority but a shared human responsibility to preserve life in all its forms.

Through interdisciplinary research, eco-driven projects, and partnerships with environmental organizations, Galgotias continues to inspire stewardship for marine life and aquatic sustainability. The University remains dedicated to nurturing a generation of responsible changemakers committed to safeguarding the blue heart of our planet for future generations.



### Visualizing Sustainability: Poster Making Competition at Galgotias University

On 8th October 2024, the IEEE IAS Chapter in collaboration with the DEECE Department organized a Poster Making Competition on "Innovative Solutions for a Sustainable Future" to celebrate IEEE Day. Forty students participated, creatively showcasing ideas on renewable energy, eco-friendly transportation, and sustainable waste management.

The two-hour event encouraged critical thinking and practical problem-solving, blending art and technology to address environmental challenges. Posters were evaluated on creativity, relevance, and presentation by faculty experts. Winners included Eco Innovators (1st), Eco Visionaries (2nd), and Team DS/Creative Catalyst (3rd). Mentored by Dr. Meenakshi Awasthi and Dr. Aditya Nath Bhatt, the event fostered innovation and sustainability awareness.



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### Quenching Thirst Sustainably: Free Drinking Water at Galgotias University

Galgotias University's Department of Civil Engineering spearheaded initiatives to enhance public health and water management through modern infrastructure and community engagement. With advanced drainage and sewage systems, the university ensures sustainability and efficient resource use. Regular training sessions educated participants on system maintenance, leak prevention, and stormwater management. Programs on waterborne diseases promoted awareness of prevention, hygiene, and safe water use.

By involving students, faculty, and local residents, the university fostered environmental responsibility and public well-being, creating a proactive community dedicated to sustainable water management and health safety.



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### World Environment Day 2025 – “Ending Plastic Pollution Globally”

To mark World Environment Day 2025, The Legal Aid Clinic and Pro Bono Club in collaboration with, Centre for Research in Environmental Law and Sustainability (CRELS), Of School of Law, Galgotias University, Naya Kriana Naya Umang, and IEEE Student Branch of the Galgotias University, conducted a two-phase eco-awareness campaign themed “Ending Plastic Pollution Globally.”

The first phase featured an awareness drive and a hands-on paper bag-making workshop, educating students and local vendors on the harmful effects of plastic and promoting eco-friendly alternatives.

The second phase focused on ecosystem welfare by installing feeding and watering stations around the campus for stray animals and birds, especially during the harsh summer season.

The initiative aimed to raise awareness, promote sustainable practices, and foster compassion for animals and the environment, with active student and faculty participation.



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### *The International Conference on*

### **Recent Trends in Biosciences and Technology with special reference to Life Science, Biotechnology, Biomedical Sciences, Forensic Sciences and Food and Nutrition**

The International Conference on Recent Trends in Biosciences and Technology was inaugurated by Dr. Dheer Singh, Director and Vice-Chancellor, National Dairy Research Institute (NDRI), Karnal, Haryana, who served as the Chief Guest. The Guests of Honour included Brig. (Dr.) Rakesh Kumar Gupta, Director, Government Institute of Medical Sciences, Greater Noida, and Dr. Robert Green, OBE, University of Kent, UK. The Presidential Address was delivered by Prof. Avadhesh Kumar, Pro Vice-Chancellor, Galgotias University. Prof. (Dr.) Abhimanyu Kumar Jha, Dean, School of Biosciences and Technology (SBT) and Convenor of the Conference, extended a formal welcome and highlighted the vision and achievements of the University. Prof. (Dr.) R. S. Sharma, Distinguished Professor, SBT, and Co-Convenor of the Conference, elaborated on the objectives of the event, while Prof. Vinny Sharma, Professor and Co-Organizing Secretary, delivered the vote of thanks. The two-day conference featured 14 scientific sessions, conducted in parallel tracks. The sessions included 10 keynote addresses, 34 invited lectures, 26 chairpersons, 4 industry talks, 8 young scientist presentations, 12 student presentations, and 90 poster sessions.

The conference witnessed active participation from both national and international delegates, covering all major themes of biosciences and technology.



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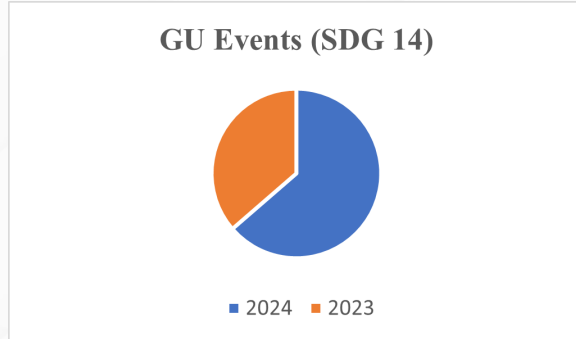
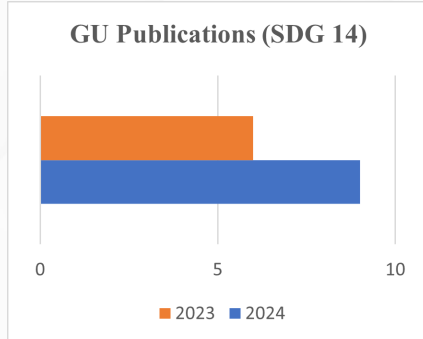




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### Research, Awareness & Innovation Improvements



### Public Engagement in Water and Waste Solutions

Public engagement is essential for addressing water scarcity and waste management challenges. Galgotias University fosters awareness through community workshops, seminars, and practical demonstrations, emphasizing the importance of conservation and sustainable practices. Participants learn techniques such as rainwater harvesting, proper waste disposal, and reusing treated water for irrigation and sanitation.

The university's advanced water treatment systems and virtually leak-proof drainage models serve as educational tools, inspiring actionable change.

By promoting collaborative efforts, the program empowers individuals to adopt eco-friendly habits, ensuring the preservation of water resources for future generations and setting a benchmark for sustainable community-driven solutions.



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True education transcends classrooms; it's about empowering lives, uplifting communities, and creating a ripple of lasting change.

