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LIFE  
ON LAND



## LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.



**SDG - 15**

**Galgotias University**  
**Sustainability Report**  
**2024-25**



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### LIFE ON LAND

Galgotias University is committed to preserving the delicate balance between human progress and the planet's natural ecosystems. Aligned with Sustainable Development Goal 15 – Life on Land, the University is dedicated to conserving biodiversity, restoring degraded environments, and promoting sustainable land management. Expert talks, research collaborations, legal awareness workshops, and student-driven environmental initiatives nurture responsibility and respect for the Earth's living systems.

Each effort reflects the University's belief that safeguarding our land, forests, and wildlife is essential to sustaining life and ensuring a greener, more resilient future for all.

Through tree plantation drives, habitat restoration projects, and collaborations with environmental agencies, Galgotias continues to integrate ecological consciousness into learning and action. The University remains steadfast in its mission to inspire a generation that values coexistence—working collectively to protect, restore, and renew the planet we call home.



#### Celebrating Nature: World Nature Conservation Day at Galgotias University

On 30th July 2024, the School of Education, Galgotias University, organized a special assembly to commemorate World Nature Conservation Day for B.Ed. students.

Led by Mahima Choudhary and Nidhi Sinha, the event included informative speeches by Alisha Ali, highlighting the impact of human actions on the environment and strategies for conservation.

Students actively participated in a quiz and poster-making competition, creatively showcasing their understanding of sustainable practices. The celebration fostered teamwork, awareness, and responsible environmental behavior, inspiring students to adopt eco-friendly habits and take proactive steps toward protecting natural resources, ensuring a greener future for coming generations.



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#### Harnessing Rain: Galgotias University Rainwater Harvesting Initiative

Galgotias University has implemented an extensive rainwater harvesting (RWH) system to optimize water use, reduce dependence on external sources, and support environmental sustainability. Rooftop and surface collection systems channel rainwater through gutters and downspouts into storage tanks, with filtration units ensuring clean water for non-potable uses like irrigation and toilet flushing. Recharge pits and permeable surfaces facilitate groundwater replenishment, mitigating depletion risks. This initiative not only conserves water but also promotes sustainability awareness among students and staff.

By integrating RWH into campus infrastructure, the university demonstrates responsible resource management and fosters a culture of environmental stewardship across its community.



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### *Orientation 2025: Cultivating Knowledge and Sustainability at the School of Agriculture, Galgotias University*

Galgotias University organized the Orientation Programme 2025 for the new batch at the School of Agriculture, marking the start of an exciting academic journey under its Student First philosophy. The event brought together faculty, students, and parents in a warm atmosphere of learning and trust. Senior faculty members shared the School's vision, values, and future pathways while guiding students on academic rules, mentoring, and awareness sessions to ensure a smooth transition into university life.

Cultural and council performances showcased student creativity and teamwork, reflecting the vibrant Galgotias spirit. Interactive sessions with parents and students highlighted the University's strong commitment to nurturing bright futures and fostering confidence among families.

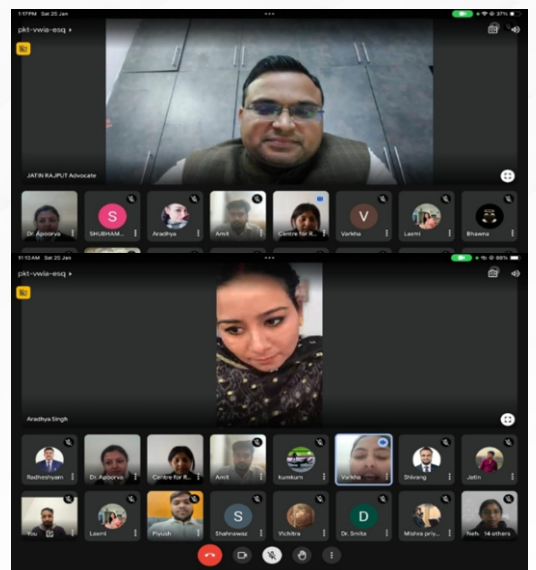


### **Workshop on Constitutionalism and the Environment: A Legal Exploration**

On 25th January 2025, the Centre for Research in Environmental Law and Sustainability (CRELS), School of Law, Galgotias University, organized an online workshop titled "Constitutionalism and the Environment: A Legal Exploration." The workshop aimed to explore the intersection of constitutional law and environmental governance, discussing key topics like balancing development with ecological sustainability, the role of indigenous knowledge, and the recognition of a constitutional right to a healthy environment.

The event featured distinguished speakers, including Dr. Aradhya Singh (UPES, Dehradun), Dr. Radheshyam Prasad (Lucknow University), Prof. (Dr.) Ajendra Srivastava (BHU), and Advocate-on-Record Jatin Rajput (Supreme Court of India), who provided in-depth insights into environmental constitutionalism.

Participants engaged in thought-provoking discussions, covering legal provisions, landmark cases, and international environmental frameworks. The workshop aimed to inspire future legal reforms and foster collaboration among law students, faculty, and legal professionals on critical environmental issues.



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### Expert Talk on Sustainable Groundwater Management and The Ongoing Efforts Under the Namami Gange Programme.

Galgotias University's Department of Civil Engineering and School of Agriculture, in collaboration with the National Mission for Clean Ganga (Namami Gange Programme), proudly organized a virtual expert talk, "Groundwater: A Vanishing Resource, Challenges, and Way Forward," on 08.01.2025.

The event welcomed Dr. Basant Yadav, Assistant Professor at IIT Roorkee, whose comprehensive session addressed critical issues in groundwater depletion and the importance of sustainable management. With enthusiastic participation from 70+ students and laboratory technicians, Dr. Yadav shed light on the urgent need for adopting conservation strategies and innovative interdisciplinary approaches to safeguard groundwater, highlighting its role in supporting the rejuvenation of the Ganga River.

He emphasized how engineering and agricultural practices must intersect to enable effective resource preservation, urging students to act responsibly for our planet's future. The expert talk left a lasting impact, inspiring commitment to environmental stewardship.

Galgotias University expresses deep gratitude to Dr. Yadav for his invaluable guidance and for empowering students to contribute toward the vital cause of sustainable groundwater management.

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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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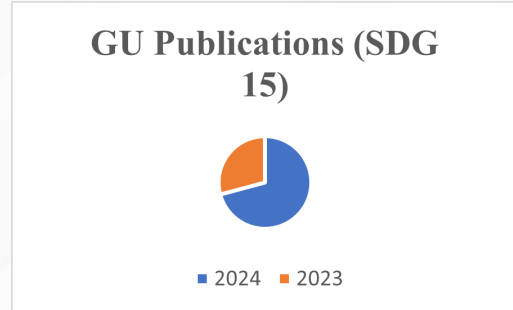
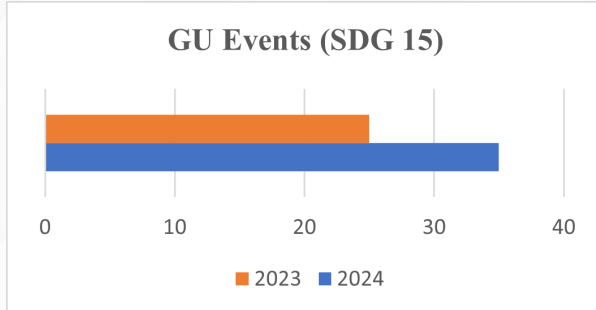




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### Research, Awareness & Innovation Improvements



### Workshop on Constitutionalism and the Environment: A Legal Exploration

On 25th January 2025, CRELS, School of Law, Galgotias University, hosted an insightful online workshop titled "Constitutionalism and the Environment: A Legal Exploration". The event brought together eminent legal scholars and professionals, including experts from UPES, Lucknow University, BHU, and the Supreme Court of India, to explore the intersection of constitutional principles and environmental protection.

Discussions focused on indigenous wisdom, environmental rights under Articles 14, 19, and 21, and landmark cases. The workshop fostered awareness, critical thinking, and commitment to legal reforms for environmental sustainability among participants from academic and legal backgrounds.



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

