



6 CLEAN WATER
AND SANITATION



CLEAN WATER AND SANITATION

Ensure availability and sustainable management of water and sanitation for all.

SDG - 6

Galgotias University
Sustainability Report

2024-25

CLEAN WATER AND SANITATION

Galgotias University stands committed to safeguarding one of our planet's most vital resources—water. Aligned with Sustainable Development Goal 6 – Clean Water and Sanitation, the University fosters awareness, research, and innovation to promote the responsible and sustainable management of water for all. Expert talks, environmental visits, and student-led projects on water conservation and pollution control inspire learners to transform knowledge into action.

Each initiative—whether exploring groundwater challenges, studying industrial practices, or promoting community health—reflects our shared responsibility to protect water as the essence of life and the foundation of sustainable living.

Through collaborations with environmental organizations, awareness campaigns, and sustainable campus practices, Galgotias continues to lead efforts toward water preservation and equitable access. The University remains dedicated to nurturing a generation that values conservation, ensuring that every drop counts for the planet and its people.



Clean Campus, Green Minds: A Swachhata Initiative

As part of the Swachhata Hi Seva campaign, NSS volunteers organized a campus-wide clean-up drive promoting sanitation and hygiene.

Activities included cleaning classrooms, corridors, and outdoor spaces, taking a cleanliness pledge, and participating in awareness sessions on the importance of hygiene for public health.

The initiative fostered a sense of community responsibility among students and resulted in a cleaner, greener campus.

By aligning with the Sustainable Development Goals, the event reflected the institution's strong commitment to environmental sustainability and social responsibility.



SDG aligned



Empowering Communities for a Healthier Tomorrow

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.



SDG aligned





Industrial Visit to Shriram Institute for Industrial Research: Bridging Academia with Industry

The Department of Life Sciences, School of Biosciences and Technology, Galgotias University, organized an industrial visit to the Shriram Institute for Industrial Research (SRI), New Delhi, on April 25, 2025. Students interacted with senior scientists including Dr. Vivek Narayan Singh and team, gaining insights into environmental research and career opportunities.

They explored laboratories such as Microbiology, Instrumentation, and Environmental Sciences, observing advanced techniques and equipment. The session concluded with an inspiring lecture by Dr. Shekhar C. Mande on the role of research in addressing environmental issues. The visit enriched students' practical learning and motivated them toward research-driven careers.



SDG aligned



Industrial Visit to Shriram Institute for Industrial Research (SRI), New Delhi

The Department of Life Sciences, under the School of Biosciences and Technology at Galgotias University, organized an industrial visit to the Shriram Institute for Industrial Research (SRI), New Delhi, on April 25, 2025. Aimed at connecting classroom knowledge with real-world applications, the visit featured an interactive session with senior scientists who shared insights into environmental research and career paths.

Students toured laboratories in Microbiology, Air and Water Analysis, Instrumentation, and Environmental Sciences, gaining exposure to advanced techniques and equipment. The day concluded with an inspiring lecture by Dr. Shekhar C. Mande on the role of scientific research in tackling environmental challenges. The experience proved highly educational, motivating students to explore careers in science and research.



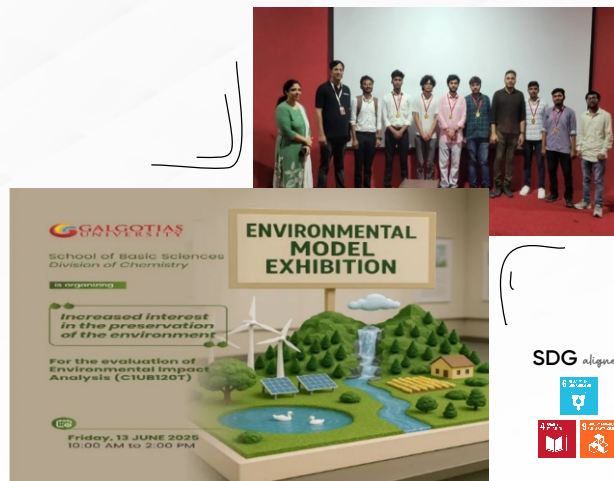
SDG aligned



Increased Interest in the Preservation of the Environment (13th June 2025)

The Exhibition for IA2 evaluation in Environmental Impact Analysis for B.Tech second semester was held in C Block and focused on environmental conservation. Guest Dr. Vivek Singh, Scientist D at the Indian Institute of Tropical Meteorology, inspired attendees with his encouraging words. Students and researchers showcased innovative working models on renewable energy, waste management, water conservation, and eco-friendly urban planning.

Notable exhibits included a Construction Assistant Robot, Natural Eco-friendly Pen, and Bumble Vacuum. The event drew a large audience who praised the creativity and real-world potential of the projects. It concluded with a vote of thanks, celebrating a shared commitment to protecting the planet.



SDG aligned



Expert Talk Session on Groundwater: A vanishing Resource Challenges and Way Forward

The Expert Talk Session on Groundwater: A Vanishing Resource – Challenges and Way Forward, presented by Dr. Basant Yadav, Assistant Professor at IIT Roorkee, provided valuable insights into the critical issue of groundwater depletion and its long-term implications. Dr. Yadav highlighted the alarming rate at which groundwater resources are being over-exploited, primarily due to excessive agricultural extraction, urbanization, and industrial use. He explained the dire consequences of this depletion, such as reduced water availability for irrigation and drinking, deteriorating water quality due to contamination, and environmental imbalances.

Dr. Yadav emphasized the importance of adopting sustainable water management practices, including the revival of traditional water conservation techniques, efficient irrigation



systems, and improved groundwater recharge methods. He also discussed the role of policy reforms and technological innovations in addressing groundwater depletion. The session concluded with a call to action for collaborative efforts involving governments, industries, and local communities to ensure the responsible and equitable management of groundwater resources. this invaluable resource for future generations.

World Tuberculosis Day

On World Tuberculosis (TB) Day, an awareness event themed “Yes! We can end TB – Commit, Invest, Deliver” was held at the New Delhi Tuberculosis Centre.

The program promoted awareness on TB prevention and treatment while encouraging creative participation from students of Galgotias School of Nursing. The event began with an inauguration featuring healthcare experts and faculty who highlighted TB’s global impact and the essential role of nursing students in public health.

A major highlight was the poster competition, where students presented impactful visuals on TB transmission, symptoms, diagnosis, and prevention, fostering strong community engagement and awareness.





National Youth Day Seminar: Youth Empowerment Towards Nation Building

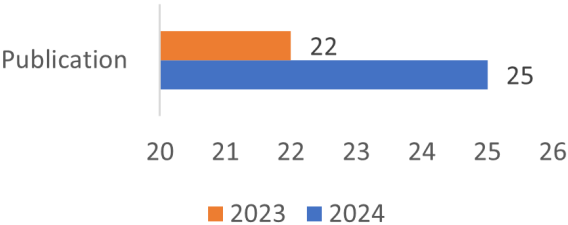
To mark National Youth Day, the Legal Aid Clinic and Pro Bono Club of the School of Law, Galgotias University, organized a seminar on 11th January 2025, focusing on youth empowerment and nation-building. Honoring Swami Vivekananda’s vision, the event aimed to inspire students to embrace education, discipline, and service.

Esteemed speakers—Dr. Devika Sharma, Colonel Sandeep Sharma (Retd.), and Dr. Rodney D. Ryder—shared valuable insights on leadership, legal careers, and national service. Engaging discussions and a vibrant Q&A session encouraged students to explore their role in societal development. The event successfully instilled motivation, awareness, and a sense of responsibility among participants.

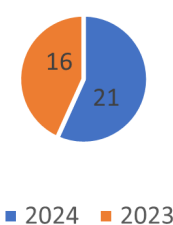


Research, Awareness & Innovation Improvements

GU Publication (SDG 6)



GU Events (SDG 6)



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