GALGOTIAS UNIVERSITY

13 CLIMATE ACTION

CLIMATE ACTION

Take urgent action to combat climate change and its impacts.



Galgotias University
Sustainability Report

2025–26



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SDG 13 | INTRODUCTION

Climate change is one of the most pressing global challenges, affecting ecosystems, natural resources, economies, and communities across the world. In line with Sustainable Development Goal 13 (SDG 13), Galgotias University encourages students, faculty members, and staff to understand the causes and consequences of climate change and recognise their role in building a climate-resilient future. Through awareness programmes, expert lectures, workshops, campaigns, and sustainability initiatives, the university promotes climate consciousness, environmental responsibility, energy conservation, and collective action towards mitigating climate change.

The university integrates climate-related learning with practical exposure by engaging students in activities that highlight renewable energy, energy efficiency, carbon footprint reduction, environmental conservation, and sustainable technologies. Academic discussions, community outreach programmes, and interactions with experts provide opportunities to understand climate challenges and explore practical solutions. These initiatives encourage students to connect scientific knowledge and innovation with real-world approaches to climate change mitigation and adaptation.

By bringing together education, research, innovation, and community participation, Galgotias University strives to nurture environmentally responsible individuals who can contribute meaningfully to climate action. Guided by its commitment to sustainability and its vision of securing a leading position in global SDG rankings, the university continues to strengthen initiatives that support climate awareness, resilience, and a sustainable future for all.

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01 Promoting Energy Conservation for Climate Change Mitigation: National Energy Conservation Day



The Department of Biotechnology & Bioengineering, School of Biosciences & Technology, Galgotias University, organised an awareness session on National Energy Conservation Day on 14 December 2025 as part of the Institution's Innovation Council (IIC) Calendar Activity. The programme aimed to sensitise students to sustainable energy practices, energy efficiency, and the importance of conserving resources to address environmental challenges.

It also highlighted the role of young innovators in promoting environmental responsibility and contributing towards climate change mitigation.

The session commenced with an introduction to India's energy conservation initiatives and the significance of the Energy Conservation Act. Through presentations, discussions, and relevant case examples, students explored renewable energy technologies, energy-efficient systems, and practical approaches to reducing carbon footprints in academic and household settings. The discussions highlighted the connection between energy consumption, global energy challenges, and climate change.

The programme emphasised the importance of adopting energy-saving habits and making environmentally conscious choices in everyday life. It enhanced students' awareness of energy management strategies and encouraged them to contribute towards reducing environmental impacts through efficient energy use. The initiative reinforced the importance of collective participation in building a greener, more energy-efficient, and climate-conscious society.

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02 Planting Hope for the Planet: World Environment Day – Green Drive 2026



The School of Finance and Commerce (SFC), Galgotias University, organized "World Environment Day – Green Drive 2026" on 5 June 2026 under the national initiative "Ek Ped Maa Ke Naam (EPMKN)", with the theme of promoting environmental sustainability through plantation and biodiversity conservation. The programme encouraged responsible citizenship among students through experiential learning.

The programme began with a brief orientation on the significance of World Environment Day and the collective responsibility of individuals towards protecting the environment. Through a plantation drive, students and faculty members planted saplings and pledged to nurture them, gaining first-hand experience in increasing green cover, mitigating climate change, and conserving natural resources. Learning continued at Honda Biodiversity Park, Greater Noida, where students observed native plant species and learned about ecosystem conservation, biodiversity management, and sustainable environmental practices, linking classroom concepts with real-world environmental initiatives.

Special emphasis was placed on teamwork, leadership, community engagement, and environmental stewardship, along with the importance of preserving ecological balance.

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03 Powering a Low-Carbon Future: Industrial Visit to Narora Atomic Power Station



The Department of Electrical, Electronics and Communication Engineering, School of Engineering, Galgotias University, organized an industrial visit to the Narora Atomic Power Station (NAPS) under the Nuclear Power Corporation of India Limited (NPCIL) on 17 July 2026. The visit aimed to give students exposure to the functioning of a nuclear power plant and its role in meeting the nation's energy requirements.

The visit showcased the basic principles of nuclear power generation, reactor operations, safety protocols, and radiation protection measures. Students gained insights into power generation, control systems, electrical equipment, and the integration of advanced technologies used in nuclear energy production.

The interactive sessions with experienced engineers connected theoretical concepts with real-world industrial practice.

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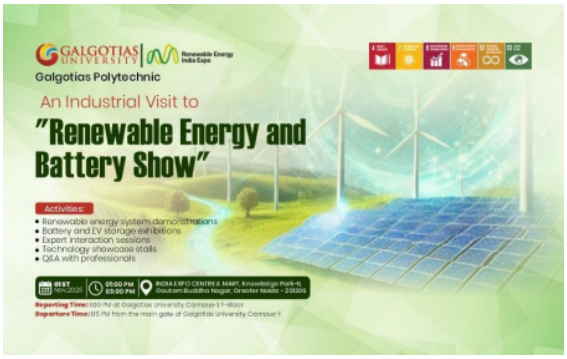
04 Charging Towards Clean Energy: Visit to the Renewable Energy and Battery Show Expo 2025



The Department of Electrical Engineering, Galgotias Polytechnic, organized an educational visit to the Renewable Energy and Battery Show – India Expo 2025, held at India Expo Mart, Greater Noida, on 1 November 2025 under the guidance of faculty members. The visit aimed to bridge the gap between theoretical learning and practical exposure in renewable energy and electric mobility.

During the visit, diploma students explored exhibits showcasing innovations in solar energy, wind power, hydrogen systems, advanced battery storage, and electric vehicle technologies. They interacted with industry professionals and gained insights into energy system design, smart grid integration, and the current challenges and opportunities in India's renewable energy sector.

The experience enhanced students' technical knowledge, analytical and problem-solving skills, and industry awareness, and inspired them to contribute to the nation's transition to green energy, in line with SDG 13, along with SDG 7 and SDG 9.

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05 Innovating for the Planet: Focus on Sustainable Innovation, Climate Action and Real-World Solution



The School of Basic Sciences, Galgotias University, organized an exhibition titled "Focus on Sustainable Innovation, Climate Action and Real-World Solution" on 13 January 2026. The exhibition aimed to create awareness about environmental conservation while encouraging students to showcase innovative and sustainable solutions to contemporary environmental challenges.

The exhibition featured working models designed and developed by students, addressing issues such as renewable energy technologies, effective waste management systems, water conservation methods, and sustainable urban planning concepts. Models such as the Natural Pen (an eco-friendly pen) and the Bumble Vacuum drew particular attention for their creativity, practicality, and relevance to real-world applications.

The event attracted students, faculty members, and others interested in environmental sustainability, who appreciated the originality and feasibility of the projects.

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06 Keeping Our Surroundings Clean: Swachhata Hi Seva 2025 Cleanliness Activity



The National Service Scheme Units of Galgotias University jointly organized the “Swachhata Hi Seva 2025” cleanliness activity on 4 October 2025 at the university campus. The activity aimed to promote cleanliness and collective responsibility in maintaining a sustainable environment.

The event began with the distribution of masks, gloves, and garbage bags to the volunteers, followed by an address on the objectives and significance of the “Swachhata Hi Seva” campaign. NSS volunteers carried out a cleanliness drive, collecting litter and segregating waste, and the collected garbage was disposed of following eco-friendly practices. The drive demonstrated teamwork, discipline, and commitment towards environmental well-being, in keeping with the vision of “Clean India, Green India”.

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07 Innovating for Inclusion and Sustainability: WIE-HackEarth 2025



Galgotias University hosted WIE-HackEarth 2025, an international hackathon organized under the IEEE Women in Engineering (WIE) affinity group in collaboration with IEEE IAS and the IEEE Student Branch, on 28 and 29 November 2025. The hackathon aimed to inspire innovative, sustainable, and smart technological solutions focused on women's needs and to promote gender-inclusive innovation.

Teams ideated, built, and presented solutions across themes including Smart Health & Well-being, Safety & Security Tech, Sustainable Living, Digital Literacy, and Women Entrepreneurship and Financial Empowerment. The event also featured speaker sessions, expert guidance, and interaction with mentors and industry leaders. The hackathon encouraged students to turn ideas into actionable solutions to real-world challenges, with sustainability at the heart of the experience.

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08 Greening Finance: Investing in the Planet 2.0



The School of Finance and Commerce, Galgotias University, organized a guest lecture on "Investing in the Planet 2.0: Green Capital, Climate Solutions, and the Future of Finance" on 12 January 2026. The lecture aimed to enhance students' understanding of sustainability, climate responsibility, and the role of individuals and institutions in promoting cleaner and more responsible consumption practices.

The session was delivered by Dr. Anita, Assistant Professor, who highlighted the need for climate-responsive behaviour, energy-efficient choices, waste minimization, and environmentally responsible lifestyle practices. Students were encouraged to adopt sustainable habits and to understand the broader global framework that drives climate commitments and green transitions.

The interactive lecture helped students connect sustainability concepts with real-world applications, fostering awareness, responsibility, and a forward-looking mindset. Overall, it built environmental consciousness among learners and empowered them to make informed choices that support long-term ecological well-being.

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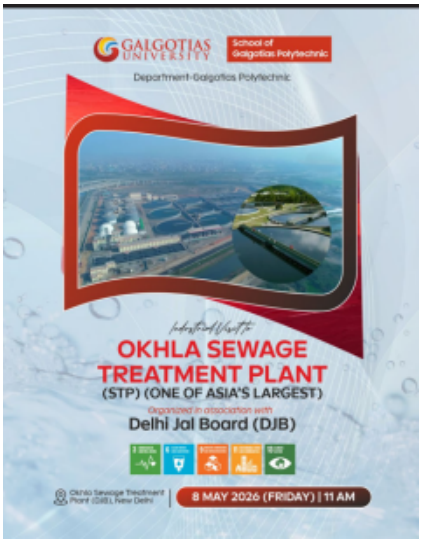
09 Treating Wastewater, Protecting the Environment: Visit to the Okhla Sewage Treatment Plant



The Department of Civil Engineering, Galgotias Polytechnic, organized an industrial visit to the Okhla Sewage Treatment Plant (STP), New Delhi, in association with Delhi Jal Board (DJB), on 8 May 2026. The visit aimed to provide students with practical exposure to wastewater treatment systems and environmental engineering practices.

During the visit, students gained first-hand knowledge of the functioning and treatment processes of one of Asia's largest sewage treatment plants. Students understood the stages of treatment, including preliminary treatment, screening and grit removal, sedimentation, aeration and biological treatment, sludge treatment and disposal, and final water purification and observed machinery, tanks, pipelines, aeration systems, and control units in operation, and clarified their doubts on plant capacity, operational challenges, treatment efficiency, and sustainability practices.

The interactive learning experience connected classroom concepts with real-world applications in environmental and civil engineering, enhancing students' understanding of sanitation infrastructure, water conservation, and pollution control.

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10 Smarter Packaging for a Sustainable Future: Expert Talk on Recent Advances in Food Packaging



The Department of Food Technology, School of Biosciences and Technology, Galgotias University, organized an online expert talk on “Recent Advances in Food Packaging” on 3 January 2026. The talk aimed to acquaint students and faculty with recent innovations in food packaging, including sustainable and smart packaging technologies, and to encourage research and career opportunities in the field.

The expert speaker, Dr. Krantidip Pawar, Assistant Professor at the Indian Institute of Packaging (IIP), Mumbai, shared his academic and industry experience with the participants. The talk highlighted the importance of sustainable packaging, smart and active packaging systems, and the role of packaging in ensuring food safety, quality, and shelf-life extension.

The interactive session enhanced students’ understanding of recent trends and innovations, strengthened industry–academia interaction, and motivated them towards research and careers in food packaging.

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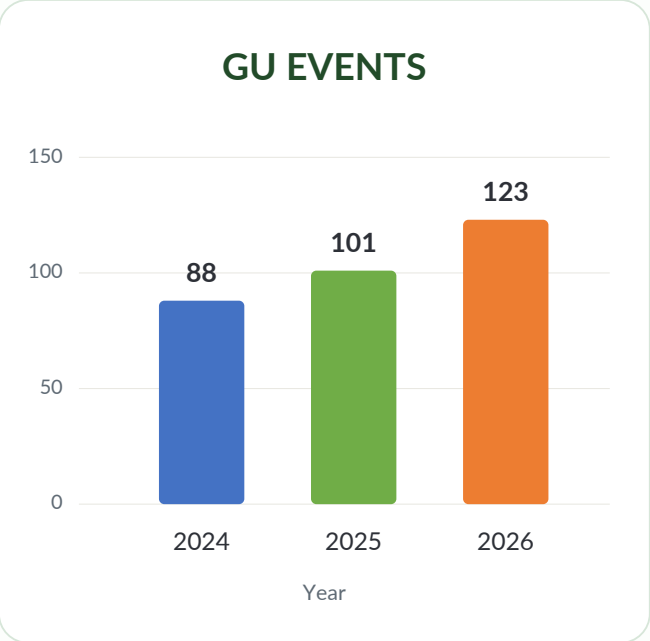
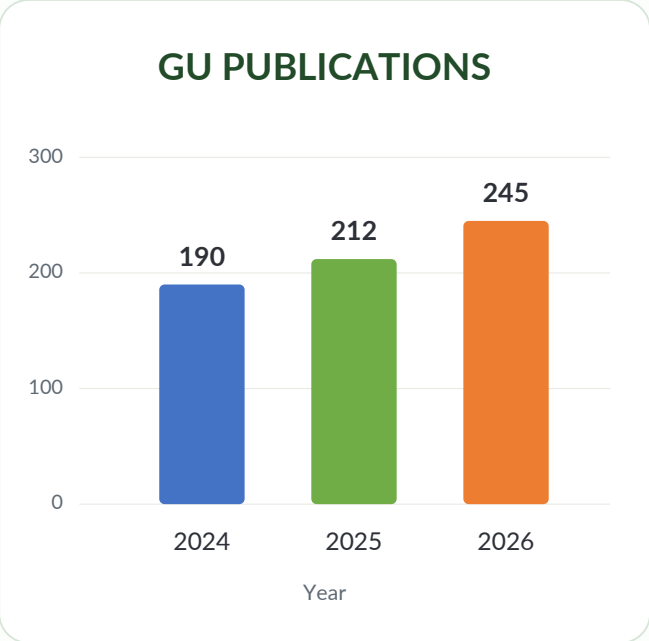
YEAR-ON-YEAR PERFORMANCE | 2024–2026

GU Events and GU Publications, as reported in the attached annual report.





METRIC	2024	2025	2026
GU Events	88	101	123
GU Publications	190	212	245

Source: SDG 13 Annual Report, source charts headed "GU Events" and "GU Publications".