

Reuse - Reduce - Recycle

SDG - 13

**Galgotias University
Sustainability Report
2024-25**



CLIMATE ACTION

Take urgent action to combat climate change and its impacts

CLIMATE ACTION

Galgotias University believes that sustainability is not just a vision but a responsibility we live by. Aligned with Sustainable Development Goal 13 – Climate Action, the University is dedicated to addressing the challenges of climate change through education, innovation, and community participation.

Advancing clean energy solutions, promoting sustainable mobility, and leading awareness drives and conservation campaigns reflect our commitment to protecting the planet. By empowering students to think critically and act responsibly, Galgotias strives to build a generation that leads with purpose, turning knowledge into action for a more resilient and climate-conscious world.

Through research initiatives, green campus practices, and collaborations with environmental organizations, Galgotias continues to champion climate literacy and sustainable action. The University remains steadfast in its mission to inspire collective responsibility—ensuring that today's actions secure a safer, greener, and more sustainable tomorrow.



Swachhata in Action: NSS Drives Campus Cleanliness and Awareness

On 25th September 2024, NSS volunteers at Galgotias University actively participated in the Swachhata Hi Seva campaign, promoting sanitation, hygiene, and a clean India. The initiative included campus clean-up drives covering classrooms, corridors, and outdoor areas, interactive awareness sessions, and pledge-taking to encourage community responsibility. Through collective efforts, the campus was significantly beautified, fostering a culture of cleanliness among students. The event enhanced understanding of sanitation's impact on public health and encouraged sustainable practices. By combining action with awareness, the campaign successfully instilled social responsibility, aligning with national sanitation goals and reinforcing the university's commitment to sustainable development and civic engagement.



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Industrial Visit to CSIR-Central Road Research Institute (CRRRI), New Delhi

On 6th June 2025, students of the School of Basic Sciences, Galgotias University, visited the National Centre for Medium Range Weather Forecasting (NCMRWF), Noida, guided by faculty members Dr. Subhalaxmi Pradhan, Dr. Yadendra Kacher, and Dr. Subham Mishra. The visit included lectures on Numerical Weather Prediction, highlighting the role of mathematics, physics, chemistry, and supercomputing in accurate forecasting.

Students explored the Supercomputer Centre housing "Bhaskara," "Mihir," and "Arunika," learning about operational weather models, data assimilation, and ensemble prediction systems. The interactive sessions with scientists enhanced understanding of meteorology, high-performance computing, and interdisciplinary research, providing invaluable insights into real-world applications of basic sciences.



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Cleanliness Drive

The Sustainable Society organized a Cleanliness Drive to promote hygiene and sustainability. Student and volunteer teams collected litter, plastic bottles, and non-biodegradable waste. Residents were educated about waste segregation and reducing plastic usage. Posters and slogans enhanced the message of environmental



responsibility. The area was cleaned, and local appreciation was received. This initiative supported building a cleaner, greener environment and collective responsibility.



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ESVC and SIEP E-Bike Challenge 2025

Galgotias University, in collaboration with ISIEINDIA, successfully hosted the 2nd edition of the Electric Solar Vehicle Championship (ESVC-3000) from March 27 to April 2, 2025. As India's premier green mobility competition, the event attracted over 600 participants from across the country, showcasing cutting-edge advancements in electric and



solar vehicle technology.

The championship featured two major competitions: the SIEP E-Bike Challenge and the ESVC-3000 Solar Vehicle Rally. Teams underwent rigorous technical inspections, safety evaluations, and performance tests before competing in acceleration, braking, and endurance trials. The final races were held at the Galgotias University campus and Yamuna Expressway, culminating in a high-energy showcase of engineering excellence.

The E-Bike Challenge saw Team M V Tronics emerge as champions, with Team Falcon Racers and Team Dark securing runner-up positions.

Meanwhile, in the ESVC-3000 Solar Vehicle Rally, Team Solarium claimed the top spot, followed by Team STES Hyperion.

With industry support from NBC Bearings (CK Birla Group), ESVC 2025 not only promoted innovation but also strengthened the bridge between academia and industry.

Galgotias University continues to champion sustainable engineering, fostering the next generation of green mobility pioneers.

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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.



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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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Industrial Visit to CSIR-Central Road Research Institute (CRR), New Delhi

The Department of Electrical, Electronics & Communication Engineering, Galgotias University, organized an industrial visit to CSIR-Central Road Research Institute (CRR), New Delhi on 19th June 2025 for B.Tech. students of DEECE and DOCE.

Guided by experts including Dr. Kayitha Ravinder, Dr. Kamla Masih, Dr. Siraj, and technical officers Dr. Rohit Chamoli, Dr. Bhupendra, Dr. Sikander, and Dr. Sarfaraz Ahmed, students explored state-of-the-art laboratories and observed demonstrations on bitumen testing, material strength evaluation, and pavement engineering.

The visit bridged theory with practical applications, enhanced career awareness, and motivated students toward research and innovation in civil and infrastructure engineering.



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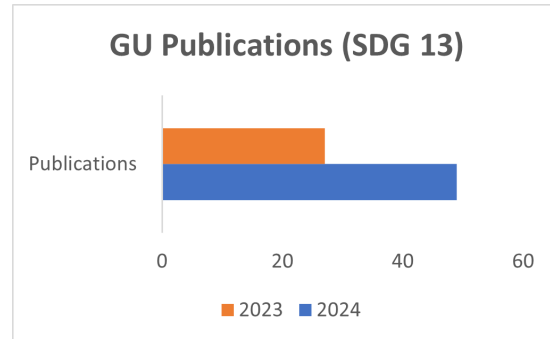
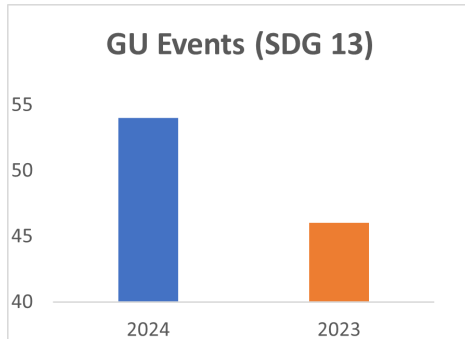




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Research, Awareness & Innovation Improvements



World Environment Day 2025 – “Ending Plastic Pollution Globally”

To celebrate World Environment Day 2025, the Legal Aid Clinic, Pro Bono Club, CRELS, Nayi Kiran Nayi Umang, and the IEEE Student Branch at Galgotias University collaborated to deliver a two-phase eco-awareness campaign: “Ending Plastic Pollution Globally.”

In phase one, an awareness drive and a participatory paper bag-making workshop equipped students and local vendors with knowledge of plastic’s harmful impacts and introduced sustainable alternatives.

Phase two addressed the welfare of campus ecosystems by installing feeders and water stations for stray animals and birds, ensuring care during harsh summer months.

The campaign actively engaged students and faculty to foster environmental responsibility and compassion. The initiative promoted sustainable habits, environmental stewardship, and animal welfare.



Multiple clubs collaborated for “Ending Plastic Pollution Globally.” Phase one held a paper bag-making awareness drive. Students and vendors learnt harmful impacts of plastic. Phase two installed feeders and water for animals. The campaign promoted responsibility, stewardship, and animal welfare.

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

