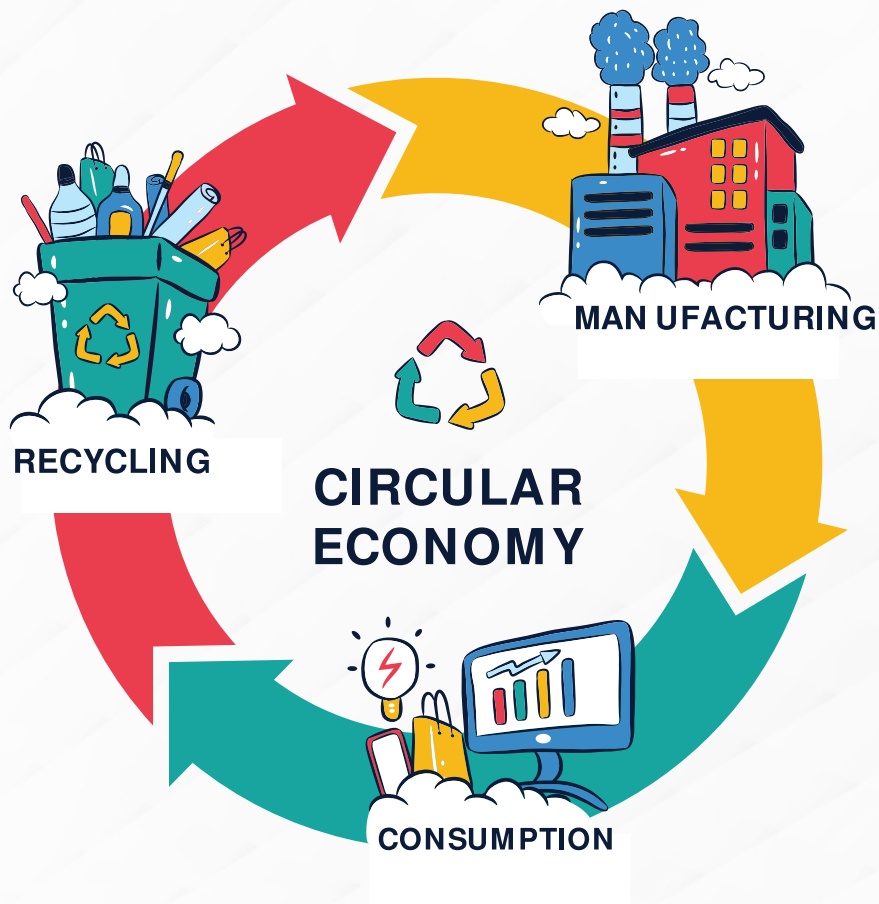




RESPONSIBLE CONSUMPTION AND PRODUCTION

We must learn how to use and produce in sustainable ways that will reverse the harm that we have inflicted on the planet.



SDG - 12

**Galgotias University
Sustainability Report
2024-25**



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RESPONSIBLE CONSUMPTION AND PRODUCTION

Galgotias University is committed to fostering a culture of responsibility where innovation meets sustainability and consumption aligns with care for the planet. In alignment with Sustainable Development Goal 12 – Responsible Consumption and Production, the University actively promotes sustainable resource management, eco-conscious design, and green innovation across disciplines.

From energy-efficient infrastructure and waste reduction initiatives to awareness drives on environmental stewardship, every effort reinforces the importance of mindful production and consumption. Through education, research, and community action, Galgotias continues to inspire students and faculty to make choices that sustain both people and the planet.

By integrating sustainability principles into academics and campus operations, the University empowers learners to drive meaningful environmental change. Galgotias remains steadfast in its vision to create a future where growth and responsibility go hand in hand—ensuring that innovation today preserves the resources of tomorrow.



A Visit to Essentia Environments – Studio of Mr. Hardesh Chawla

The studio visit to Essentia Environments, organized by the School of Design at Galgotias University, provided B.Des – Interior Design students with a rich, immersive experience bridging academic theory and real-world practice. Accompanied by faculty, students toured the firm's advanced production unit, observing meticulous processes for custom interior design elements across diverse divisions for upholstery, finish, stone, metallurgy, and woodworking.

Detailed explanations by Mr. Khushpreet and Mr. Ravineet illuminated the precision and technology involved in high-end design execution, stressing the importance of quality control and material expertise.



An interactive session with Mr. Hardesh Chawla, co-founder, strengthened the industry connection. He addressed



pressing themes in contemporary interior design, including the shifting definition of luxury, the importance of integrating cultural values into interiors, and the need to balance creativity with practicality. Mr. Chawla's insights motivated students to think critically about design integrity, client expectations, cultural narrative, and the designer's evolving role, emphasizing the significance of creativity, cultural sensitivity, and technical rigor.

The visit was a transformative learning opportunity, giving students clarity on interior design processes and real-world industry standards, while deeply enhancing their understanding of professional practice, sustainability, and storytelling in design.

SDG aligned





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Galgotias University: Sustainable & Energy Efficient Infrastructure Initiative

Galgotias University has launched a remarkable initiative to promote sustainable and energy-efficient infrastructure by maximizing the use of natural light across its campus.

Classroom Design

Wide, double-paned glass windows:

Ample natural light illuminates interiors, creating a well-lit and conducive learning environment during daytime. Reduced dependence on artificial lighting, lowering electricity consumption and minimizing carbon footprint. Thermal insulation provides energy savings by reducing the need for inefficient heating or cooling.

Corridors & Hallways

Polycarbonate translucent roofing materials:

Diffusion of sunlight ensures consistent lighting throughout the day. UV protection maintains durability and structural integrity. No need for artificial lighting during daylight hours, significantly reducing energy usage.

Common Areas

Large windows and skylights installed in study halls, cafeterias, and libraries:

Enhanced natural lighting creates an eco-friendly ambiance.

Promotes energy-efficient practices among students and staff.

Environmental Benefits

Energy Conservation:

Reduces artificial lighting needs, contributing to climate change mitigation by lowering greenhouse gas emissions.

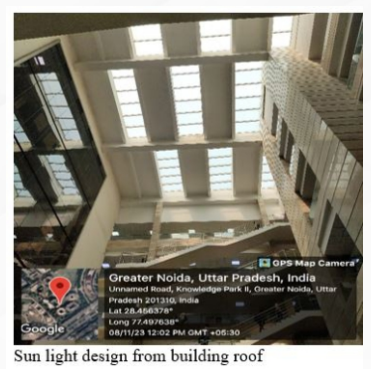
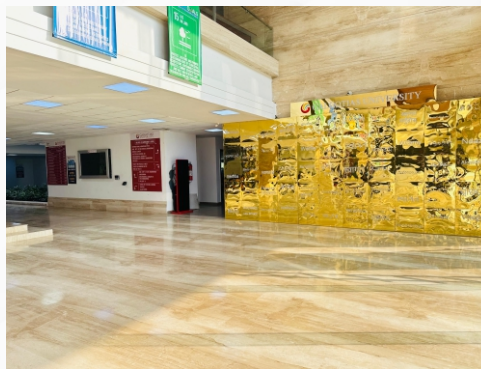
Resource Efficiency:

Minimizes reliance on non-renewable energy resources by utilizing sustainable design elements.

Economic Advantages

Cost Savings: Lower energy consumption reduces operational costs for the university.

Long-Term Value: Energy-efficient infrastructure offers durability and cost-effectiveness over time.





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Time & Stress Management Session

On 25th July 2024, the School of Hospitality and Tourism at Galgotias University, in collaboration with HCL Healthcare, organized a session on Time and Stress Management for students. Conducted by psychologist Ms. Indu Chauhan, the session focused on overcoming procrastination, setting SMART goals, and managing academic stress through mindfulness and relaxation techniques.

Students learned the importance of balance, resilience, and maintaining a healthy routine. The interactive format encouraged open dialogue, making the session both engaging and impactful. The initiative reflects Galgotias University's dedication to enhancing student well-being and holistic development.



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Workshop on Opportunities in Fertilizer Industries

The School of Agriculture, Galgotias University, hosted an enlightening expert talk featuring Dr. U.S. Teotia, Chief Agricultural Scientist at Indian Potash Limited (IPL). The event saw active participation from B.Sc. (Hons.) Agriculture students, faculty, and industry guests, underscoring strong industry-academia collaboration. After a cordial welcome by the Associate Dean, Dr. Teotia shared valuable insights on fertilizer industry trends, emphasizing balanced nutrient management and sustainable productivity. He highlighted emerging innovations like nano fertilizers, bio-stimulants, and customized nutrient solutions, inspiring participants to adopt modern, eco-friendly agricultural practices for enhancing crop yield and promoting environmental sustainability in Indian agriculture.



SDG aligned



Empowering Automation: Hands-on Workshop on Programmable Logic Controllers (PLCs)

Galgotias University organized a hands-on workshop on Programmable Logic Controllers (PLCs), attended by 21 students. The session provided fundamental knowledge on PLC architecture, programming, and industrial applications in automation, robotics, and process control. Students gained practical experience through simulator-based programming tasks.

Dr. Meenakshi Awasthi and Dr. Aditya Nath Bhatt led the sessions, emphasizing the importance of PLCs in modern industries. Lab technicians—Mr. Ajeet Kumar, Mr. Narendra Kumar, Mr. Arun Kumar, Mr. Deep Chandra, and Mr. Mahendra Singh—ensured smooth conduct. The event concluded with recognition of top performers, enhancing participants' technical confidence and practical understanding of automation systems.



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Industrial Visit to Cityspace'82 Architects, Gurugram

The School of Design, Galgotias University, organized an industrial visit to Cityspace'82 Architects, Gurugram, on June 28, 2025, for 25 students of B.Des – Interior Design. Guided by faculty members and hosted by founder Ar. Sumit Dhawan, students explored the firm's design philosophy, sustainable practices, and studio workflow.

The visit included a studio tour, interactive sessions with project leaders, and mood board presentations by the interior design team. Students gained insights into design thinking, client-centric approaches, material selection, and the role of illumination in spatial aesthetics.

The visit effectively connected academic learning with real-world design practice.



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

The Department of Electrical, Electronics & Communication Engineering, Galgotias University, organized an industrial visit to CSIR-Central Road Research Institute (CRRI), 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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Test Automation Unleashed: Empowering Agile Software Development

On 7th July 2024, a webinar titled "Test Automation Unleashed" was conducted by Jaspreet Kaur, Senior Test Automation Engineer at Sumup, Berlin. The session offered in-depth insights into the evolving landscape of software test automation. Participants explored essential tools, frameworks, and best practices that enhance testing efficiency, particularly in agile development environments.

Jaspreet highlighted emerging trends, real-world applications, and key challenges with practical solutions. The webinar served as a valuable knowledge resource for professionals aiming to boost software quality through automated testing, making it a vital learning experience in today's fast-paced software development world.



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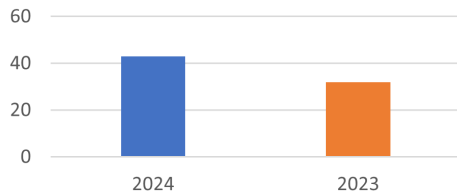


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Research, Awareness & Innovation Improvements

GU Events (SDG 12)



GU Publications (SDG 12)



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

