



# SDG - 11

**SUSTAINABLE CITIES AND COMMUNITIES** Make cities and human settlements inclusive, safe, resilient, and sustainable

# 11 SUSTAINABLE CITIES AND COMMUNITIES



**Sustainable Cities**  
**Inclusive**  
**Resilience**  
**Urbanization**  
**Accessibility**

## “ Introduction ”

Galgotias University actively champions Sustainable Development Goal 11: Sustainable Cities and Communities by integrating sustainability into both its curriculum and real-world initiatives. Offering specialized courses and research on smart cities, the university equips students with the knowledge to address complex urban challenges. Key projects focus on renewable energy, eco-friendly infrastructure, and waste management, positioning Galgotias at the forefront of sustainable solutions. The university applies sustainability in practice through on-campus e-waste drives, Earth Day challenges, and cultural events like World Heritage Day, all promoting eco-conscious living. Green initiatives such as energy-efficient buildings, rainwater harvesting, and waste segregation further highlight Galgotias’ commitment to sustainability. Additionally, the university collaborates with local communities to exchange knowledge and build smarter urban spaces. By hosting hackathons and supporting start-ups focused on urban development, Galgotias University shapes students into innovative leaders, ensuring their role in creating sustainable cities for the future.

## “ Study on Sustainability at Galgotias University ”

### Programs -

Doctor of Philosophy (Ph.D.) in Environmental Sciences,  
M.Sc. in Sustainability

### Courses -

**(G1UB401T)** - Demography for smart cities

**(G1UA510T)** - Smart Infrastructure systems

**B. Tech** in Civil with specialization in Smart Cities

## “ Galgotias University Community Initiatives ”

### Environmental Sustainability and Swachh Bharat

*Galgotias University NSS Special Camp Promotes Sustainability*

Galgotias University organized an NSS Special Camp focused on "Environmental Sustainability and Swachh Bharat," fostering awareness and action toward protecting water bodies and promoting cleanliness. The camp emphasized the critical role of water bodies in maintaining ecological balance and highlighted the adverse impacts of urbanization and pollution. Participants learned effective conservation strategies, the importance of regulatory measures, and ways to mitigate environmental damage. The program inspired students and community members to take proactive steps in safeguarding natural resources. Practical activities and discussions encouraged community involvement, emphasizing collective responsibility for sustainable practices. The camp successfully instilled a sense of environmental stewardship and civic duty among participants, aligning with the vision of a cleaner, greener India. This initiative underscored Galgotias University's dedication to empowering individuals to lead positive environmental changes, ensuring long-lasting outcomes for ecological preservation and the Swachh Bharat mission.

### Swachhta Hi Sewa Campaign

*A Step Towards Cleanliness and Responsibility*

The Legal Aid Clinic and Pro Bono Club of Galgotias University's School of Law conducted a cleanliness drive at Surajpur District Court, promoting environmental awareness and public responsibility. Students equipped with brooms, gloves, and garbage bags cleaned areas like the parking lot, pathways, and gardens, ensuring all waste was disposed of sustainably. Beyond cleaning, the students interacted with visitors and staff, advocating for proper waste disposal and fostering a sense of shared responsibility. A highlight was their street play (natak), which creatively emphasized the significance of keeping public spaces clean and protecting the environment. The event left the court premises cleaner and instilled a spirit of teamwork,

## “ Initiatives at Galgotias University Sustainable Campus ”

- Accessible Infrastructure
- Accessistive Technologies
- Accessible Facilities
- Disability Support Services

**Resep Technologies***ecommerce business makes premium smartphones at affordable prices***Crave***creating a seamless, efficient, and customer-focused food ordering platform***StealthEra Innovation***innovative smart wearable goes beyond tracking daily health metrics***Ektara One***a transformative model in the retail and delivery landscape***STUDENT  
STARTUPS****11** SUSTAINABLE CITIES  
AND COMMUNITIES

accountability, and environmental stewardship among students. Participants pledged to uphold cleanliness and community engagement, transforming the drive into a powerful learning experience. The initiative reinforced Galgotias University's commitment to fostering responsible citizens and sustainable practices for a better society.

**"Innovation and Circular Economy"***Expert Talk by Prof. J. Ramkumar, Professor, IIT Kanpur*

Prof. J. Ramkumar delivered an insightful lecture on "Innovation & Circular Economy," offering a deep dive into sustainable development practices. The session highlighted diverse innovation types—incremental, radical, and disruptive—while emphasizing the role of design thinking in addressing challenges creatively and empathetically. A key focus was on India's innovative contributions, showcasing grassroots solutions and technological advancements that inspire leveraging local resources. The talk explored the circular economy's principles of reducing, reusing, and recycling, presenting real-world applications to drive resource efficiency. This expert lecture empowered participants to embrace innovation and sustainability for a resilient future.

**Caring for Our Soils***World Soil Day Poster Making Competition*

Galgotias University celebrated World Soil Day with a poster-making competition themed "Caring Soil: Measure, Monitor, Manage," aligning with SDG 11's goal of sustainable cities and communities. Undergraduate students showcased innovative ideas on soil conservation, highlighting its crucial role in sustainable urban planning, green spaces, and ecological resilience. The event emphasized the importance of healthy soils in supporting sustainable urban ecosystems and mitigating environmental challenges like erosion and pollution. By fostering awareness and creativity, the competition empowered students to contribute to building sustainable, inclusive, and resilient communities through soil management practices.

**Initiative for Efficient Use of Natural Light***Campus up-gradations under G-SCALE*

Galgotias University has undertaken a remarkable initiative to promote sustainable and energy efficient infrastructure by maximizing the use of natural light across its campus. The classrooms at Galgotias University are equipped with wide, double-paned glass windows that allow ample ambient natural light to illuminate the interiors, creating a well-lit and conducive learning environment during the daytime and Reduces dependence on artificial lighting, thereby lowering electricity consumption and minimizing the carbon footprint. Common Areas such as study halls, cafeterias, and libraries, large windows and strategically placed skylights have been installed. Enhance natural lighting, fostering a welcoming and eco-friendly ambiance. Encourage energy-efficient practices among students and staff by demonstrating the benefits of sustainable design.

