SDG 11: Sustainable Cities and Communities

GD Goenka University – Sustainability Initiatives and Achievements

1. Introduction

Sustainable Development Goal 11 (SDG 11) focuses on making cities and human settlements inclusive, safe, resilient, and sustainable. This goal recognizes the increasing urbanization trends and the profound impact that well-planned and well-managed cities can have on various aspects of sustainable development. At the heart of SDG 11 is the commitment to ensuring access to safe and affordable housing for all. The goal seeks to address the challenges of informal settlements and inadequate housing, aiming to upgrade slums and provide suitable living conditions. By promoting sustainable urban planning and housing policies, SDG 11 aims to create inclusive cities and offer residents a high quality of life. The goal also emphasizes making cities resilient to disasters and climate change. This involves integrating climate change measures into urban planning, improving infrastructure, and enhancing disaster risk reduction strategies. Creating resilient cities protects communities from the impacts of natural disasters and contributes to long-term sustainability. SDG 11 encourages the development of efficient and sustainable transportation systems, including public transportation, cycling, and walking infrastructure. Promoting environmentally friendly modes of transportation aims to reduce air pollution, congestion, and the carbon footprint of urban areas.

Furthermore, the goal recognizes the significance of preserving cultural and natural heritage in urban spaces. SDG 11 encourages the safeguarding of cultural diversity and the protection of green areas within cities, contributing to the overall well-being of residents and promoting a sense of community. The achievement of SDG 11 is closely linked to other sustainable development goals, including those related to health (SDG 3), education (SDG 4), and sustainable cities and communities (SDG 9). SDG 11 contributes to the broader agenda of building a more equitable and sustainable world by creating inclusive, safe, resilient, and sustainable urban environments.

GD Goenka University was established in 2013 under the vision of Shri A.K. Goenka, GD Goenka University (GDGU) is a leading state private university located on a 60-acre campus at Sohna, Gurugram, Haryana. Guided by the GD Goenka Group's legacy of excellence in education, the University has quickly emerged as a centre for innovation, entrepreneurship, and professional development in India's higher education landscape. GD Goenka University offers a comprehensive range of undergraduate, postgraduate, and doctoral programmes across diverse disciplines including Engineering & Sciences, Management, Law, Liberal Arts & Social Sciences, Healthcare & Allied Sciences, Hospitality & Tourism, Agricultural Sciences, and Design. Recognized by the

University Grants Commission (UGC) and affiliated with professional bodies such as the Bar Council of India (BCI) and the Indian Council of Agricultural Research (ICAR), GDGU ensures academic rigour aligned with global standards.

GD Goenka University is committed to fostering an inclusive and equitable environment, both within the campus and in the wider community. The university focuses on addressing various forms of discrimination and ensuring equal access to education, opportunities, and resources for all. Special attention is given to empowering marginalized groups, including differently abled students, women, minorities, and those from economically disadvantaged backgrounds. Through scholarships, mentorship programs, skill-development initiatives, student clubs, and community outreach, GD Goenka University actively works to remove socio-economic, gender, and accessibility barriers. These initiatives ensure that every individual is supported in achieving their full potential, reflecting the university's dedication to creating a fair, inclusive, and empowering academic and social environment.

2. GD Goenka University Initiatives

a) Innovative Research in Sustainable Practices:

GD Goenka University actively promotes research and innovation aimed at building sustainable and resilient communities in alignment with SDG 11. The University's research ecosystem emphasizes sustainable infrastructure, smart urban planning, renewable energy, and green technology. Faculty and students engage in interdisciplinary projects focusing on sustainable architecture, waste management, renewable fuel innovation, and environmental conservation.

The University's School of Engineering and Sciences and School of Agriculture & Sciences have undertaken research on topics such as eco-friendly building materials, rainwater harvesting systems, solar-powered campus infrastructure, and energy-efficient urban design. Student-led projects under the Innovation and Entrepreneurship Centre explore solutions for smart waste segregation, green mobility, and low-carbon campus models. Through its partnerships with industries and organizations, GD Goenka University continues to support research that addresses urban sustainability challenges—ensuring that innovation contributes directly to safer, more inclusive, and environmentally responsible communities.

b) Sustainable Campus and Green Infrastructure

GD Goenka University is committed to maintaining an eco-friendly and sustainable campus that aligns with national and global environmental standards. The University promotes green building principles, sustainable landscaping, and renewable energy adoption. Solar panels are installed across parts of the campus to reduce dependency on non-renewable energy sources, while rainwater harvesting systems and wastewater recycling units contribute to efficient resource management.

The University also encourages active student participation through plantation drives, cleanliness campaigns, and environmental awareness events. These initiatives help create a culture of sustainability and environmental stewardship, fostering a green and resilient learning environment for future generations.


GD GOENKA UNIVERSITY
Thrive. For life.
Commitment to Sustainability: GD Goenka University Sohna Campus Wins LEED v4.1 EBOM Platinum Level Certification
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN
LEED
PLATINUM
BETTER ENERGY PERFORMANCE - SOLAR PV PLANT, SMART HVAC
BETTER WATER PERFORMANCE - LOW-FLOW FIXTURES AND WATER REUSE SYSTEMS
BETTER WASTE MANAGEMENT - STRONG RECYCLING AND RESPONSIBLE DISPOSAL
BETTER INDOOR AIR QUALITY
GD GOENKA UNIVERSITY
Sohna Road, Gurugram


The Climate Reality Project
INDIA & SOUTH ASIA
Green Campus Programme
CERTIFICATE
OF RECOGNITION
This is to certify that
GD Goenka University, Gurugram, Haryana
has successfully completed The Climate Project Foundation's
Green Campus Programme and has been awarded
Gold category for the academic years 2025-28.
Aditya Pundir
Director- India and South Asia
The Climate Project Foundation
Kamal Meattle
Trustee
The Climate Project Foundation


THE GLOBAL GOALS
SUSTAINABLE DEVELOPMENT

c) Waste Management and Environmental Sustainability Initiatives

GD Goenka University demonstrates its strong commitment to sustainability through an integrated waste management system that addresses solid, liquid, and electronic waste on campus. As part of this initiative, the University operates a modern Sewage Treatment Plant (STP) that scientifically treats wastewater generated from hostels and academic blocks. The treated water is reused for landscaping and horticulture, significantly reducing freshwater consumption and preventing environmental pollution. These measures ensure responsible waste disposal, efficient resource utilization, and contribute to maintaining a clean and green campus environment. Through its sustainable waste management practices, GD Goenka University supports the objectives of SDG 11: Sustainable Cities and Communities and SDG 6: Clean Water and Sanitation, promoting a model of eco-friendly urban living.

- **Solid Waste Management**

GD Goenka University follows an efficient solid waste management system with over 1200 bins for segregation into biodegradable, non-biodegradable, and recyclable waste. Through MoUs with Green-o-Bin and Farm Pallet, paper and kitchen waste are recycled and reused to produce notebooks and compost for campus use. The University has also banned polythene bags to promote sustainability and effective waste segregation.

- **Liquid Waste Management**

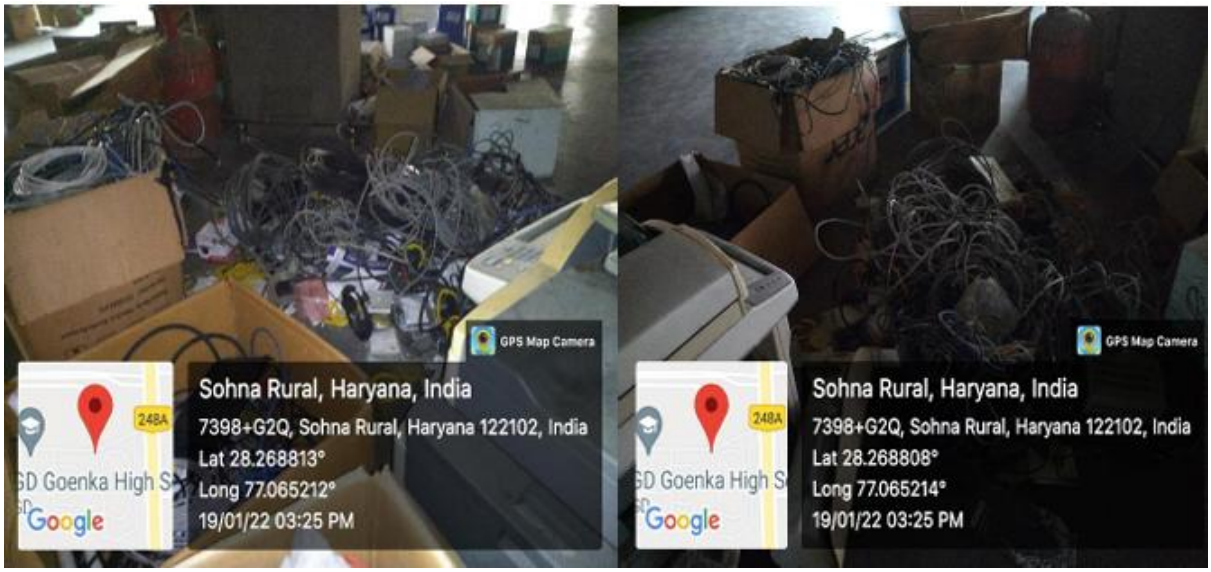
The liquid waste management system at GD Goenka University includes two sewage treatment plants, all liquid sewage effluent from the hostels and academic blocks is channelled to these treatment plants. The treated sewage water is then reused for horticulture/agricultural purposes/toilet flush, ensuring the efficient recycling of wastewater within the campus.

- **Biomedical Waste Management**

GD Goenka University has signed an MOU to manage biomedical waste with Saahas Zero Waste. The campus's waste management systems are designed to handle non-biomedical waste, focusing on solid, liquid, and e-waste management.

- **E-Waste Management**

The university has a dedicated system for managing electronic waste. E-waste is collected at a centralized storage facility and periodically disposed of for recycling by Reboot System India Pvt. Ltd. Students are encouraged to reuse electronic items for academic projects, promoting a culture of sustainability and responsible e-waste management.



- **Waste Recycling System**

GD Goenka University has implemented a robust waste recycling system that includes various types of waste (biodegradable, non-biodegradable, and e-wastes). Paper waste printed on one side is reused before being sent to Green-o-Bin for recycling. The recycled paper is then transformed into notebooks and distributed to government schools. Plastic waste generated on campus is stored separately for recycling. Desktop computers are repaired for resale and used printer cartridges are refilled to extend their lifecycle. Organic waste is processed in a bio-composter to produce compost, which is used to enrich the soil on campus.

- **Hazardous Chemicals and Radioactive Waste Management**

The University ensures that hazardous waste is managed responsibly and does not pose a threat to the environment or campus community. The GD Goenka University has established a comprehensive and effective waste management system that addresses various types of degradable and non-degradable waste. Through partnerships with recycling organizations, innovative waste segregation practices, and sustainable reuse methods, the university ensures minimal environmental impact and promotes sustainability on its campus. The absence of biomedical and radioactive waste further simplifies the waste management process, allowing the university to focus on improving its existing systems for solid, liquid, and e-waste management.

d) Sustainable Practices

GD Goenka University is deeply committed to environmental sustainability and integrates eco-friendly practices across its academic, administrative, and infrastructural operations. The University emphasizes renewable energy adoption, energy-efficient technologies, green architecture, and sustainable mobility solutions to minimize its ecological footprint.

- **Promoting Sustainable Commuting:**

The University encourages sustainable modes of transportation such as carpooling, the use of electric and hybrid vehicles, and shared campus transport facilities. RFID-enabled buses are provided for students and staff, ensuring safe and efficient travel while reducing individual carbon emissions. Dedicated parking zones for bicycles and low-emission vehicles promote green commuting across the campus.

- **Remote Work and Digital Learning Options:**

GD Goenka University actively promotes digitalization and remote access to learning through Learning Management Systems (LMS), online assessments, and virtual classrooms. Faculty and staff are encouraged to leverage digital tools for teaching, collaboration, and administration, reducing the environmental impact of daily commuting and paper usage.

- **Affordable and Sustainable Hostel Facility:**

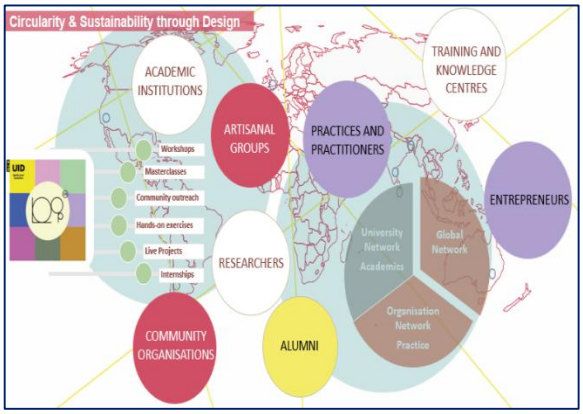
The University provides well-equipped and energy-efficient residential facilities for students. The hostels managed within the campus are designed with natural ventilation, efficient lighting systems, and water conservation measures to reduce energy consumption. The residential community fosters a safe, inclusive, and supportive environment for all.

- **Pedestrian and Eco-friendly Campus:**

GD Goenka University's campus design prioritizes pedestrian safety and environmental well-being. Well-maintained walkways, lush green landscapes, and vehicle-restricted zones ensure a calm, pollution-free environment. Awareness programs and sustainability drives encourage students and staff to adopt eco-conscious habits and contribute to a greener future.

- **Natural and Cultural Engagement:**

GD Goenka University, situated in the heart of a spacious green campus, integrates natural settings with vibrant cultural spaces to foster holistic development. The wide-open lawns, landscaped gardens and pedestrian-friendly courtyards provide ideal settings for reflection, informal interaction and community-building. In addition to routine academic life, the campus hosts arts, cultural and sporting events — bringing together students from diverse backgrounds in open-air venues under the sky. Through these venues and activities, the University reinforces its commitment to creating inclusive, inspirational and sustainable learning spaces that bridge nature, culture and community engagement.



e) New Building Standards and Energy Efficiency

GD Goenka University has adopted cutting-edge building and energy-management practices to promote sustainability and resilience. The campus features one of the largest rooftop solar photovoltaic systems, generating approximately 825 kW of electricity. About 80% of the campus lighting has been converted to LED systems, compliant with the Energy Conservation Building Code (ECBC) norms. With 67% of its 20-acre campus dedicated to green cover and open landscaping, the University also utilises passive cooling and sustainable site planning to minimise built-up carbon impact. Through these standards, GD Goenka University demonstrates its commitment to infrastructure that is energy efficient, environmentally responsive, and aligned with the objectives of SDG 11 (Sustainable Cities & Communities).

- Student-Led Eco Clubs and Awareness Drives

Include plantation campaigns, cleanliness drives, and "Go Green" awareness programs led by student clubs that promote civic responsibility and sustainability culture.

Publication

GD Goenka University maintains a robust academic publication ecosystem that supports the university's contribution to sustainable and resilient communities. The university's "University Publications" page lists multiple peer reviewed journals, conference proceedings, and newsletters including G D Goenka Journal of Applied Psychology, G D Goenka Business Review, G D Goenka UNI BUZZ, G D Goenka G FLASH, and G D Goenka National & International Conference Publications. University Publication These publications facilitate the dissemination of research on urbanisation, infrastructure, social equity, and community resilience—key themes under SDG 11.

For instance, the university's Research & Publication 2022 document includes a table of contents featuring papers such as "Analysis of Labour Migration in Gurugram: A Study of Construction Workers" and "Higher Education of Dalit Women and Degree Completion in India". Research Publication By analysing real-world urban and peri urban issues (labour migration, educational equity), these publications contribute to the evidence base for sustainable urban policy and inclusive community planning.

Through these publication channels, GD Goenka University reinforces its role as a knowledge hub for sustainable cities and communities. The university's research output—captured via journals, conferences and institutional repositories—serves to inform policy, engage stakeholders, and highlight pathways towards inclusive, resilient urban development. As a way forward, amplifying publication outreach into open access formats, increasing multi disciplinary collaboration on urban sustainability themes, and tracking citation/impact metrics specific to SDG 11 would further enhance the university's contribution to this goal.

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S.No.	Type	Title	Authors	Journal / Book	Year
1	Article	Pythagorean fuzzy decision-making framework for assessing the alternative strategies in urban mobility with digital carbon footprint	Devi, S., Kumari, R.	Journal of Ambient Intelligence and Humanized Computing	2025
2	Article (Open Access)	Designing of New Reliable Control Architecture for Connected Autonomous Vehicles Against Cyber Attacks	Priyadarshi, S., Bharadwaj, D.	International Journal of Basic and Applied Sciences	2025
3	Book Chapter	A quality of service-oriented cooperative drone-IoT network framework	Kaur, S., Arya, N., Singh, S., Rani, A.	Progressive Computational Intelligence Information Technology and Networking	2025
4	Review	Responses of natural plastisphere community and zooplankton to microplastic pollution: a review on novel remediation strategies	Rai, M., Dhanker, R., Sharma, N., Du, Z., Mohamed, H.I.	Archives of Microbiology	2025

5	Book Chapter	Internet of Things (IoT)-driven smart city development: An undetected sustainable revolution in India	Gorowara, N., Khan, M.A., Avasthi, P., Varma, R.A., Gupta, S.	Advancing Social Equity Through Accessible Green Innovation	2025
6	Article	Heritage tourism: authenticity vs sustainability in living museums	Agrawal, G., Girija, S., Banerji, B., Wadera, D., Mehrotra, V.	Journal of Tourism and Cultural Change	2025
7	Book Chapter	Recent advances in CRISPR/Cas9 for climate-resilient agriculture in vegetable crops	Dinkar, V., Kushwaha, A.K., Singh, A.K., Kumar, A., Singh, B.	Climate Resilient Agriculture: A Molecular Perspective	2024
8	Article	Groundwater Resilience in Rice-Growing Regions: Utilizing GRACE Data for Sustainable Water Management	Neelam, Rathee, R.K., Mishra, S.K., Kumar, A.	Water and Energy International	2024
9	Article (Open Access)	Climate change impact assessment on the water resources of the Upper Yamuna River Basin in India	Rathee, R.K., Mishra, S.K.	Environment Development and Sustainability	2024
10	Article	Sustainable Management of Floral Waste to Reduce Environmental Pollution by Conversion to Value-Added Products	Gupta, V.K., Kumar, R., Dhanker, R., Kamble, S.S., Mohamed, H.I.	Water Air and Soil Pollution	2024
11	Review	Regeneration and reusability of non-conventional low-cost adsorbents to remove dyes from wastewaters: a review	El Messaoudi, N., El Khomri, M., El Mouden, A., Kumar, V., Américo-Pinheiro, J.H.P.	Biomass Conversion and Biorefinery	2024
12	Conference Paper (Open Access)	Real-Time Information Access in Urban Environments: A User Interaction Study Using the Real-Time Information Test	Orlov, A.K., Sehgal, S.S., Bhardwaj, N., Kumari, N., Bharadwaj, D.	Bio Web of Conferences	2024
13	Conference Paper (Open Access)	Data-Intensive Traffic Management: Real-Time Insights from the Traffic Management Simulation Test	Blinova, T., Kumar, R., Kansal, L., Guven, U., Yeluri, L.P.	Bio Web of Conferences	2024
14	Conference Paper (Open Access)	Crowdsourced Data for Informed Urban Development: A Social Media Crowdsourcing Test	Epifantsev, K.V., Bisht, S., Vanam, M., Prakash, A., Sharma, M.	Bio Web of Conferences	2024
15	Conference Paper (Open Access)	Using the IoT Sustainability Assessment Test to Assess Urban Sustainability	Kankhva, V.S., Ikram, M., Bahl, A., Acharya, P., Parik, K.	Bio Web of Conferences	2024

16	Conference Paper (Open Access)	Real-Time Traffic Management in Smart Cities: Insights from Simulation and Impact Analysis	Dmitrieva, E.I., Pathani, A., Pushkarna, G., Rana, M., Surekha, P.	Bio Web of Conferences	2024
17	Conference Paper (Open Access)	Optimizing City Services through Data-Driven Dynamic Urban Communication	Rinat, K., Ghalwan, M., Kaur, N., Banerjee, A., Lavanya, G.	Bio Web of Conferences	2024
18	Conference Paper (Open Access)	A Comparative Study of Digital City Development Using the Data-Driven Smart City Index	Vasilyeva, E., Prakash, S., Dixit, S., Bhardwaj, K., Shruti, C.H.M.	Bio Web of Conferences	2024
19	Conference Paper (Open Access)	Enhancing Smart City Services with AI: A Field Experiment in the Context of Industry 5.0	Taskaeva, N.N., Joshi, S.K., Dixit, S., Jena, P.C., Vyas, A.	Bio Web of Conferences	2024
20	Conference Paper (Open Access)	Measuring the Impact of Public Display Advertising in Smart Cities	Solovyeva, E.B., Deorari, R., Pushkarna, G., Ranjan, R., Sharma, S.	Bio Web of Conferences	2024
21	Conference Paper (Open Access)	Performance Evaluation of IoT Sensors in Urban Air Quality Monitoring: Insights from the IoT Sensor Performance Test	Blinova, T., Chauhan, S.S., Singla, T.S., Mittal, A., Yellanki, V.S.	Bio Web of Conferences	2024
22	Conference Paper (Open Access)	Reducing Carbon Emissions: An Analysis of Smart City Initiatives and the Carbon Reduction Test	Chulenyov, A.S., Nautiyal, M., Singla, A.K., Arora, R., Kumar, A.	Bio Web of Conferences	2024
23	Conference Paper (Open Access)	Search Behaviour in Public Spaces: Insights from Urban Kiosks and the Search Behaviour Test	Natalia, V., Joshi, A., Anand, S., Goel, S., Yellanki, V.S.	Bio Web of Conferences	2024
24	Conference Paper (Open Access)	Public Displays in Smart Cities: A User Interaction and Content Impact Analysis	Taskaeva, N.N., Shah, S.K., Verma, V., Arya, V., Surekha, P.	Bio Web of Conferences	2024
25	Conference Paper (Open Access)	Optimizing Waste Management through IoT and Analytics: A Case Study Using the Waste Management Optimization Test	Kuzhin, M.F., Joshi, A., Mittal, V., Khatkar, M., Guven, U.	Bio Web of Conferences	2024
26	Conference Paper (Open Access)	Community Engagement in Smart Cities: A Social Network Analysis and Community Engagement Test	Vafaeva, K.M., Ghalwan, M., Surekha, P., Nangia, R., Bharadwaj, D.	Bio Web of Conferences	2024

27	Conference Paper (Open Access)	Leveraging Big Data Analytics for Urban Planning: A Study Using the Big Data Analytics Efficiency Test	Vasilyeva, E., Singh, R., Sobti, R., Sharma, R., Surekha, P.	Bio Web of Conferences	2024
28	Article	Manan Motors: readiness for rural distribution	Mittal, R., Sinha, P., Rishi, B.	Emerald Emerging Markets Case Studies	2024
29	Conference Paper	Development of a sustainable business model during Covid-19 for agri-food system	Anh, D.N., Chandra, S., Vali, S.M., Sharma, A., Joshi, N.	3rd International Conference on Advances in Computing Communication and Materials (ICACCM)	2024
30	Article	Investigation of indoor air pollutants in different environmental settings and their health impact: a case study of Dehradun, India	Nandan, A., Mondal, P., Kumar, S., Raja, S., Hussain, C.M.	Air Quality Atmosphere and Health	2023
31	Book Chapter	Antibiotic resistance genes as contaminants in industrial wastewater treatment	Dhanker, R., Mammen, M., Singh, A., Hussain, T., Tyagi, P.	Genomics of Antibiotic Resistant Bacteria in Industrial Waste Water Treatment	2023
32	Book Chapter	Improving plant nutrient use efficiency for climate-resilient agriculture	Deb, P., Mandal, A., Harendra, Santra, S.C., Moulick, D.	Climate Resilient Agriculture	2023
33	Article	Hierarchical integrated spatial risk assessment model of fire hazard for the core city areas in India	Rani, G., Siddiqui, N., Yadav, M., Ansari, S.	Land Use Policy	2023
34	Conference Paper	Using University Cubesats for Earthquake Detection and Disaster Management	Guven, U., Satyanarayana, B.S.	Proceedings of the International Astronautical Congress (IAC)	2023
35	Article (Open Access)	Biosynthesis and characterization of silver nanoparticles generated from peels of Solanum tuberosum and their antibacterial and wastewater treatment potential	Deepa, Dhanker, R., Kumar, R., Saxena, K., Goyal, S.	Frontiers in Nanotechnology	2023
36	Article	Impact of Crop Residue Burning on Groundwater Storage and Air-Quality	Neelam, Rathee, R.K., Kumar, A.	Water and Energy International	2023
37	Book Chapter	Introduction to Micropollutants and Their Sources	Shaida, M.A., Talukdar, S., Mahtab, M.S., Farooqi, I.H.	Management of Wastewater and Sludge: New Approaches	2023

38	Conference Paper	Smart Cities Hybridized to Prevent Phishing URL Attacks	Swathi, G., Shwetha, M., Potluri, P., Kumar, Y., Rajchandar, K.	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems (ICEARS)	2023
39	Article (Open Access)	Microbial strategies for degradation of microplastics generated from COVID-19 healthcare waste	Dey, S., Anand, U., Kumar, V., Bhat, S.A., Dey, A.	Environmental Research	2023
40	Article (Open Access)	Integrated Climate Action Planning (ICLAP) in Asia-Pacific Cities: Analytical Modelling for Collaborative Decision Making	Sethi, M., Liu, L., Ayaragarnchanakul, E., Surjan, A.K., Mittal, S.	Atmosphere	2022
41	Conference Paper	AFFORDABLE HOUSING – A SUSTAINABLE PERSPECTIVE	Sarkar, D., Kapoor, M.K.	ZEMCH International Conference	2022
42	Book Chapter	Microbial Ecology of Wastewater Treatment Processes: Trends, Challenges, and Perspectives	Chauhan, A.S., Kumar, A., Parmar, K., Kumar, V.	Omics Insights in Environmental Bioremediation	2022
43	Article (Open Access)	How to tackle complexity in urban climate resilience? Negotiating climate science, adaptation and multi-level governance in India	Sethi, M., Sharma, R., Mohapatra, S., Mittal, S.	PLOS One	2021
44	Article	IPFS enabled blockchain for smart cities	Tiwari, A., Batra, U.	International Journal of Information Technology (Singapore)	2021
45	Conference Paper	A Review: E-Nose and Air Purifier System based on Emerging Technology for Smart City Applications	Kumar, S.L., Choudhary, S., Singh, R.	IET Conference Proceedings	2021
46	Review	Sustainable digital preservation and access of heritage knowledge in India: A review	Ahmad, A., Sharma, S.	DESIDOC Journal of Library and Information Technology	2020
47	Article	Review of Concepts, Tools and Indices for the Assessment of Urban Quality of Life	Mittal, S., Chadchan, J., Mishra, S.K.	Social Indicators Research	2020
48	Review	Importance of senior housing societies after retirement and its development in India: A review	Chaturvedi, A., Agrawal, A.	International Journal of Scientific and Technology Research	2020
49	Conference Paper	Identification of Safety and Security Vulnerabilities in Cyber Physical Systems	Vyas, A., Batra, U.	Communications in Computer and Information Science	2020

50	Conference Paper	Classification and analysis of real-world earthquake data using various machine learning algorithms	Vasti, M., Dev, A.	Lecture Notes in Electrical Engineering	2020
51	Article	Assessing the urban design qualities of streets for pedestrians: A case study of Gurgaon	Kumar, V.K., Mishra, S.K., Chadchan, J.	International Journal of Scientific and Technology Research	2019
52	Article (Open Access)	Complete street planning and design: A framework to develop quantitative and qualitative evaluation method	Kumar, V.K., Chadchan, J., Mishra, S.K.	International Journal of Engineering and Advanced Technology	2019
53	Article	Estimation of re-aeration coefficient using MLR for modelling water quality of rivers in urban environment	Arora, S., Keshari, A.K.	Groundwater for Sustainable Development	2018
54	Article (Open Access)	Characterization and Performance Evaluation of Sewage Treatment Plants based on different technologies: A case study of Delhi, India	Sharma, P., Mishra, S.K., Sood, S.	Journal of Environmental Science and Engineering	2018
55	Book Chapter	Smart and livable cities: Opportunities to enhance quality of life and realize multiple co-benefits	Mittal, S., Sethi, M.	Exploring Urban Change in South Asia	2018
56	Article	Predicting river water quality index using data mining techniques	Babbar, R., Babbar, S.	Environmental Earth Sciences	2017
57	Review	Addressing big data challenges in smart cities: A systematic literature review	Chauhan, S., Agarwal, N., Kar, A.K.	Info	2016

Impact and Way Forward

GD Goenka University is committed to advancing Sustainable Development Goal 11 by creating an inclusive, safe, resilient, and sustainable campus environment that reflects the ideals of sustainable cities and communities. The University continues to strengthen its infrastructure, environmental policies, and partnerships to ensure responsible urban development and an enhanced quality of life on campus.

Through initiatives such as energy-efficient buildings, the Sewage Treatment Plant (STP), solid waste recycling, and green landscaping, the University promotes environmental stewardship and sustainable resource use. Student-led plantation drives, cleanliness campaigns, and awareness programs further foster a culture of sustainability and civic responsibility.

With pedestrian-friendly planning, barrier-free infrastructure, and eco-conscious transport systems, GD Goenka University exemplifies a sustainable, inclusive, and resilient campus that supports the vision of SDG 11. Through these ongoing initiatives, GD Goenka University reaffirms its commitment to achieving Sustainable Development Goal 11 by fostering a sustainable, inclusive, and resilient campus that serves as a model for future-ready, eco-conscious educational institutions.