GALGOTIAS UNIVERSITY

15 LIFE ON LAND

LIFE ON LAND

Protect, restore and promote the sustainable use of terrestrial ecosystems and halt biodiversity loss.



SDG - 15

Galgotias University Sustainability Report

2025–26



LIFE ON LAND

Protect, restore and promote the sustainable use of terrestrial ecosystems and halt biodiversity loss.

SDG 15 | INTRODUCTION

Life on land is essential for maintaining ecological balance, conserving biodiversity, and ensuring the sustainability of natural ecosystems. At Galgotias University, this commitment is reflected through various academic initiatives, research activities, environmental conservation programmes, and awareness campaigns that promote the principles of Life on Land. Through innovative teaching, practical exposure, and interdisciplinary learning, the university encourages students and faculty members to understand the importance of biodiversity conservation, forest protection, sustainable land management, ecosystem restoration, and the preservation of natural resources.

Beyond the classroom, the university emphasizes the importance of environmental stewardship and the conservation of terrestrial ecosystems. Tree plantation drives, biodiversity awareness programmes, agricultural research, organic farming practices, workshops, nature conservation activities, and community outreach initiatives provide opportunities for students to understand the significance of protecting forests, conserving wildlife, maintaining soil health, and restoring degraded land. These initiatives aim to create awareness about biodiversity protection, sustainable agricultural practices, prevention of soil erosion, conservation of native plant species, and the responsible utilization of land resources.

By bringing together education, research, innovation, community engagement, and environmental responsibility, Galgotias University strives to contribute meaningfully towards the protection and restoration of terrestrial ecosystems. Its initiatives reflect the belief that conserving biodiversity and maintaining healthy ecosystems are essential for ecological stability, food security, climate resilience, and the well-being of future generations. Guided by its commitment to advancing the Sustainable Development Goals and strengthening its position in global SDG rankings, the university continues to encourage environmentally responsible practices and innovative conservation approaches that contribute to a greener, healthier, and more sustainable planet.

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01 Ek Ped Maa Ke Naam (EPMKN): Promoting Environmental Sustainability through Plantation and Biodiversity Conservation



School of Finance and commerce, Galgotias University organized a plantation drive titled “World Environment Day – GREEN DRIVE 2026: Ek Ped Maa Ke Naam (EPMKN)” on 5 June 2026. The initiative aimed to promote environmental awareness, encourage tree plantation, and highlight the importance of biodiversity conservation and sustainable ecosystem management.

The initiative emphasized the significance of increasing green cover, conserving natural resources, improving ecological balance, and creating awareness about the role of trees in mitigating climate change. Through the Ek Ped Maa Ke Naam campaign, participants were encouraged to develop a sense of environmental responsibility and contribute towards a greener and healthier environment.

The plantation drive reflected Galgotias University's commitment to environmental sustainability, biodiversity conservation, and community engagement. Such initiatives encourage collective responsibility towards protecting nature and achieving a sustainable future.

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02 Research Need for Integrated Pest Management (IPM): Seminar on Promoting Sustainable Crop Protection through Research and Innovation



The School of Agriculture, Galgotias University, successfully organized an expert lecture on "Research Need for Integrated Pest Management (IPM)" on 21 November 2025 at Galgotias University. The programme aimed to enhance students understanding of emerging research priorities in crop protection and the importance of sustainable pest management practices. During the session, Dr.

Chander highlighted the significance of integrated approaches to pest management, including biological control, cultural practices, monitoring techniques, and the judicious use of pesticides. He emphasized the need for research-driven solutions to address emerging pest challenges, minimize crop losses, reduce excessive pesticide dependency, and promote environmentally sustainable agricultural production systems. The lecture provided students with valuable insights into current research trends and practical applications of IPM in modern agriculture.

The seminar reflected University's commitment to promoting agricultural research, scientific knowledge, and sustainable crop protection practices. Such academic initiatives help bridge the gap between theoretical learning and practical agricultural challenges while encouraging innovation for sustainable food production.

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03 Workshop on The Multifaceted Role of Biochar for Sustainable Agriculture and the Environment: Promoting Soil Health and Environmental Sustainability



The School of Agriculture, Galgotias University, successfully organized a workshop on "The Multifaceted Role of Biochar for Sustainable Agriculture and the Environment" on 21 November 2025. The workshop was conducted by Prof. Kadambot H. M. Siddique, Hackett Professor of Agriculture and Chair and Director, The University of Western Australia.

The programme aimed to enhance students' and faculty members' understanding of the potential of biochar in improving soil health, promoting sustainable agricultural practices, and addressing environmental challenges.

During the workshop, speaker highlighted the diverse applications of biochar in agriculture and its role in improving soil fertility, enhancing nutrient and water retention, increasing soil carbon sequestration, and reducing environmental degradation. The session also emphasized the importance of biochar as a sustainable resource for waste utilization, climate change mitigation, and the development of environmentally friendly agricultural production systems.

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04 Exploring the Fascinating World of Insects – Academic Exposure Visit to ICAR–Indian Agricultural Research Institute (IARI), New Delhi



The School of Agriculture, Galgotias University, organized an academic exposure visit to the Division of Entomology, ICAR–Indian Agricultural Research Institute (IARI), New Delhi, on 14 May 2026. The visit aimed to provide students with practical exposure to insect diversity, taxonomy, identification techniques, and the importance of entomology in modern agriculture.

During the visit, students explored insect collections, observed different insect species, and gained valuable insights into insect identification, classification, and preservation techniques. The interaction with scientific facilities and learning resources at IARI helped students understand the significance of insects in agricultural ecosystems, including their roles as crop pests, pollinators, and biological control agents. The visit also highlighted the importance of entomological research in developing sustainable pest management strategies and protecting agricultural biodiversity.

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05 Cultivating a Greener Tomorrow: Faculty and Staff Development Training on Organic Farming for Sustainable Agriculture



The School of Agriculture, Galgotias University, successfully organized a Faculty and Staff Development Training on "Organic Farming" on 12 November 2025. The training programme aimed to enhance the knowledge and awareness of faculty and staff members regarding organic farming practices, sustainable agricultural production, and environmentally friendly approaches to crop cultivation.

The training focused on the importance of organic farming in maintaining soil health, improving soil fertility, promoting the use of organic manures and biofertilizers, and reducing dependence on chemical fertilizers and pesticides. Participants gained insights into sustainable nutrient management, eco-friendly pest and disease management, composting techniques, and the role of organic farming in conserving biodiversity and maintaining ecological balance. Through such capacity-building initiatives, Galgotias University continues to promote sustainable agriculture, environmental awareness, and knowledge sharing, contributing towards a healthier ecosystem and a more sustainable agricultural future.

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06 Innovating Through Design Thinking: IEEE IAS Design Thinking Project Expo – Showcasing Creativity, Collaboration and Technological Solutions



The IEEE IAS Student Branch Chapter, Galgotias University, in collaboration with the Department of Electrical, Electronics and Communication Engineering, School of Engineering, successfully organized the "IEEE IAS Design Thinking Project Expo" on 23 December 2025.

The event aimed to encourage innovation, creativity, problem-solving abilities, and interdisciplinary collaboration among students through design thinking and project-based learning.

The expo provided a platform for students to showcase their innovative projects, prototypes, and technology-driven solutions addressing real-world challenges. Participants demonstrated their creativity, technical knowledge, and critical thinking skills through practical applications of engineering concepts. The event emphasized the importance of innovation, sustainable technologies, collaborative learning, and the development of solutions aligned with societal and industrial needs. The programme encouraged students to transform creative ideas into practical solutions while strengthening their entrepreneurial mindset and research orientation.

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07 Turning Ideas into Impact: Environment Project Models Exhibition – Inspiring Sustainable Innovation and Climate Action



The Department of Chemistry and Sustainability, School of Basic Sciences, Galgotias University, organized an "Environment Project Models Exhibition" to promote environmental awareness, scientific creativity, and innovative solutions to pressing environmental challenges. The exhibition aimed to encourage students to develop practical, technology-driven models focusing on sustainable innovation, climate action, and environmental conservation.

The exhibition provided a platform for students to showcase their creative project models addressing key environmental concerns, including renewable energy, waste management, biodiversity conservation, sustainable resource utilization, and climate change mitigation. Through their innovative ideas and working models, students demonstrated the importance of adopting eco-friendly technologies, conserving natural resources, and developing practical solutions for a sustainable future. The initiative highlighted the role of experiential learning, scientific innovation, and interdisciplinary collaboration in addressing environmental challenges.

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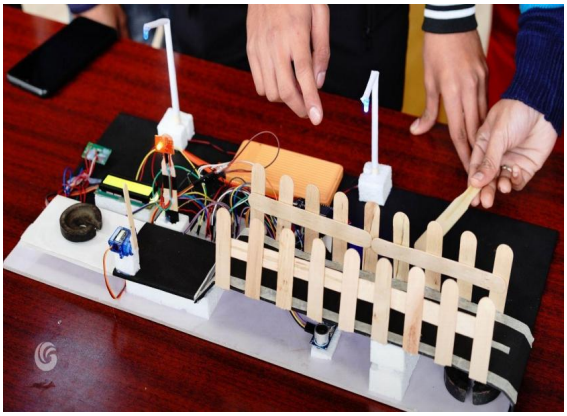
08 Engineering Ideas into Reality: Design Thinking Project Expo – Fostering Innovation and Sustainable Solutions



The School of Engineering, Galgotias University, in collaboration with the Department of Civil Engineering and Department of Mechanical Engineering, successfully organized the "Design Thinking Project Expo" on 22 December 2025.

The event aimed to encourage students to apply design thinking, creativity, and engineering knowledge to develop innovative solutions addressing real-world challenges. The expo provided a platform for students to showcase their innovative project models, prototypes, and engineering-based solutions. Participants demonstrated their technical skills, critical thinking, and problem-solving abilities through projects focusing on sustainable infrastructure, water conservation, renewable energy, waste management, resource efficiency, and environmentally responsible technologies. The event highlighted the importance of interdisciplinary collaboration and practical learning in transforming innovative ideas into effective solutions.

The initiative encouraged students to develop a research-oriented and entrepreneurial mindset while understanding the role of engineering innovation in achieving sustainable development. Such activities reflect Galgotias University's commitment to experiential learning, technological advancement, and promoting solutions that contribute to a sustainable and resource-efficient future.

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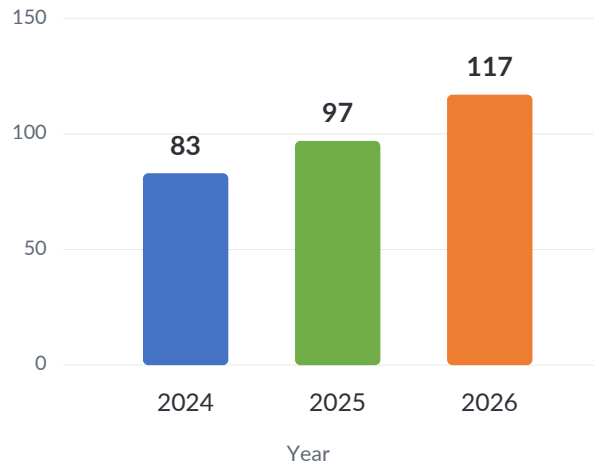
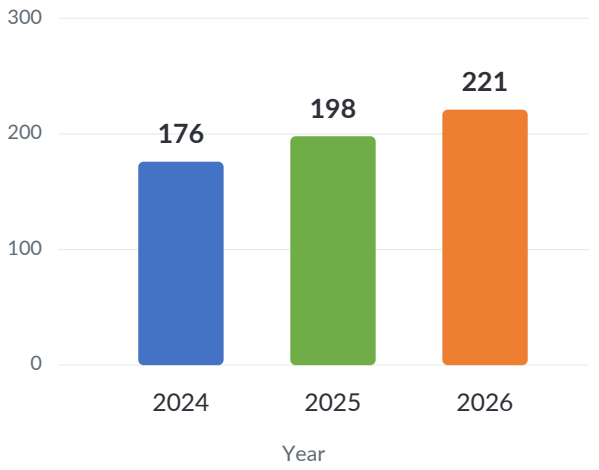
YEAR-ON-YEAR PERFORMANCE | 2024–2026

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

GU EVENTS



GU PUBLICATIONS



METRIC	2024	2025	2026
GU Events	83	97	117
GU Publications	176	198	221

Source: SDG 15 Annual Report, source charts headed "GU Events" and "GU Publications".