



SUSTAINABLE DEVELOPMENT GOALS (SDG)

SDG15: LIFE ON LAND



GLOCAL UNIVERSITY

INDIA

2024

SDG15: LIFE ON LAND

Glocal University's Commitment to SDG 15: LIFE ON LAND

Sustainable development is a collective responsibility, and higher education institutions play a pivotal role in advancing the global agenda. Glocal University, deeply rooted in the philosophy of integrating global perspectives with local actions, is committed to contributing to the United Nations' Sustainable Development Goal 15 (SDG 15): Life on Land. This goal emphasizes the protection, restoration, and sustainable use of terrestrial ecosystems, the management of forests, combating desertification, and halting biodiversity loss. At Glocal University, we recognize that our planet's health is intrinsically linked to the wellbeing of humanity and future generations. Through our innovative research, community outreach programs, and curriculum, we aim to inspire and empower students, faculty, and the community to protect and enhance terrestrial ecosystems. By aligning our institutional values with the principles of sustainability, we strive to create meaningful impact locally and globally, contributing to a healthier, more resilient planet.

15.2.1

Events about sustainable use of land Support or organise events aimed to promote conservation and sustainable utilisation of the land, including forests and wild land

Glocal University actively promotes the conservation and sustainable use of land, including forests and wild lands, through impactful events and initiatives. Our efforts include:

Educational Seminars and Workshops: We bring experts, officials, and students together to discuss sustainable land management, forest conservation, and biodiversity.



EVENT REPORT

Report on SAVE BIODIVERSITY: BUILD A BIRD NEST

Key Details

Event: Save Biodiversity: Build A Bird Nest Date: June 10, 2024 Location: Village- Near Herbal Garden, Glocal University Time: 12:00 AM - 2:00 PM Organizer: Dr. Mohd Yusuf in association with DSW and IQAC, Glocal University

Objectives

Promote Biodiversity Awareness: Educate participants about the significance of birds in ecosystems.

Engage the Community: Foster a sense of responsibility and active involvement in environmental preservation among students.

Practical Conservation Efforts: Provide practical experience in creating bird-friendly habitats. **Event Overview**

On June 10, 2024, the event titled "SAVE BIODIVERSITY: BUILD A BIRD NEST" was successfully organized near the Herbal Garden at Glocal University. This initiative aimed to engage students in an environmentally impactful activity by building bird nests, thereby contributing to the preservation and support of local biodiversity.

Participation and Activities

The event saw enthusiastic participation from numerous students, reflecting a strong commitment to environmental conservation within the university community. Participants were provided with materials and guidance on constructing bird nests. The activity not only promoted awareness about the importance of birds in maintaining ecological balance but also offered a hands-on experience in contributing to biodiversity conservation.

Outcomes

Successful Nest Building: Numerous bird nests were constructed, which will be placed in various locations to support bird populations around the campus.

Increased Awareness: The event successfully raised awareness about the critical role of birds and the importance of biodiversity among participants and onlookers.

Community Engagement: Enhanced community spirit and collective responsibility towards environmental conservation.

Summary

The "SAVE BIODIVERSITY: BUILD A BIRD NEST" event was a resounding success, effectively combining education, practical action, and community engagement. Building nests for birds is an excellent practice to conserve biodiversity, as it provides safe habitats in areas where natural nesting sites are scarce, supports a diverse range of bird species, and helps maintain ecosystem balance by ensuring the roles birds play, such as pollination and pest control, are sustained. The active participation and enthusiasm of the students highlight the growing environmental consciousness and commitment to biodiversity conservation at Glocal University. The program was a great initiative of Honourable Vice-Chancellor, Prof.

(Dr.) P. K. Bharti, inspired by Honourable PVC Prof. (Dr.) P. K. Mishra and Honourable PVC Prof. (Dr.) S.K. Sharma, organized by Dr. Mohd Yusuf in association with DSW and IQAC, Glocal University. The event aimed to raise awareness about the bird's nest making for conservation and promote sustainable practices within the university community and its surroundings. This event marks a positive step towards fostering a sustainable and biodiverse campus environment. This hands-on activity not only raises awareness and educates participants about the importance of biodiversity but also fosters practical skills and community engagement. The activity exemplified the benefits by successfully involving students in constructing nests, thereby enhancing local bird populations and promoting a collective sense of environmental responsibility.







Community Reforestation Initiatives: In partnership with NGOs and local communities, we organize tree-planting and restoration events, giving students hands-on experience in land conservation.

Tree Plantaion Drive

Tree Plantation Drive - Vraksharopan Samaroh 2024. 'Ek Ped Maa k naam' On July 20, 2024, Glocal University organized a Tree Plantation Drive titled "Vraksharopan Samaroh 2024" under the visionary leadership of Honorable Vice Chancellor Prof (Dr.) P. K. Bharti as part of University's ongoing commitment to environmental sustainability. The event begans with the aim to plant 2100 trees across the campus, fostering a greener and healthier environment for the university community. The plantation drive commenced from the Herbal Garden. The drive witnessed enthusiastic participation from students, faculty members, and staff. The event was spearheaded by Dr. Swarnima Singh, Dean of Students' Welfare and Dr. Gulfishan, Dean Glocal School of Agriculture, who highlighted the significance of tree plantation in combating climate change and enhancing biodiversity.

Participants were divided into teams, each assigned specific areas of the campus for planting. Various species of trees including Jamun, Neem, harar, aam, amrud, kanji etc were planted, chosen for their adaptability to the local climate and ecological benefits. Thousand trees were given to Glocal University by Van Vibhag, Badshahibag and eleven hundred were purchased from local nursery. Volunteers were guided by horticulture experts to ensure the proper planting and initial care of each tree. The event saw the participation of over 500 individuals, including students, faculty, staff, and community members. Their collective efforts contributed significantly to the successful planting of 2100 trees.











पर्यावरण होगा संरक्षितः डा. भारती



कार्यक्रम का नेतृत्व डी.एस. डब्लू डॉ. स्वर्णिमा सिंह और ग्लोकल स्कूल ऑफ एग्रीकल्चर के डीन डॉ. गुलफिशान ने किया। उन्होंने जलवायु परिवर्तन से निपटने और जैव विविधता को बढ़ाने में वृक्षारोपण के महत्व पर प्रकाश डाला।

शुरुआत ग्लोकल् यूनिवर्सिटी के प्रतिकुलपति प्रोफेसर डॉ. एस.के. शर्मा एवं बादशाहीबाग के क्षेत्रीय वन रेंज अधिकारी बिशन सिंह यादव ने हर्बल गार्डन में की जिसके बाद ये पौधारोपण विश्वविद्यालय परिसर के विभिन्न स्थानों पर किया गया।

शाह टाइम्स संवाददाता मिर्जापुर। प्रधानमन्त्री के आहवान पर ग्लोकल् विश्वविद्यालय में एक पेड़ मां के नाम पर विभिन्न प्रकार के 2100 पौधे लगाए गए हैं।

विश्वविद्यालय के कुलपति प्रोफेसर डॉ. पी.के.भारती ने बताया कि इस अभियान के माध्यम से विद्यार्थियों को पर्यावरणीय जिम्मेदारी के प्रति जागरूक किया जाना है। इससे न केवल पर्यावरण संरक्षण में मदद मिलेगी, बल्कि छात्रों के व्यक्तित्व विकास में भी सहायता पहुँचेगी। इस अभियान के अंतर्गत जामुन, नीम, हरड, आम, अमरूद, कंजी आदि सहित विभिन्न प्रजातियों के पेड़ लगाए गए। बादशाहीबाग के वन विभाग के द्वारा ग्लोकल यूनिवर्सिटी को एक हजार पेड़ दिए गए और स्थानीय नर्सरी से ग्यारह सौ पेड खरीदे गए। अभियान की

15.2.2

Sustainably farmed food on campus

Glocal University is committed to promoting sustainability through policies that ensure food on campus is responsibly and sustainably sourced. Our initiatives include:

Partnerships with Local Farms: We collaborate with local farmers who use sustainable practices, reducing our carbon footprint and supporting the local economy.

Organic and Seasonal Menus: Our campus dining services prioritize organic and seasonal ingredients, which require fewer resources and promote eco-friendly agriculture.

Reducing Food Waste: We implement waste reduction practices, including portion control, composting, and food recovery programs to minimize environmental impact.

Educational Campaigns: Through awareness events and workshops, we educate students about the benefits of sustainably farmed food and responsible consumption.

By implementing these policies, Glocal University aims to set a standard for sustainable dining and raise awareness about the importance of environmentally friendly food choices.

15.2.3

Maintain and extend current ecosystems' biodiversity

Glocal University is dedicated to maintaining and enhancing biodiversity across existing ecosystems, with a special focus on those under threat. Our efforts include:

On-Campus Conservation Projects: We protect and cultivate native plant species on campus, creating habitats that support local wildlife and contribute to ecosystem health.



Collaborations with Environmental Organizations: We work with NGOs and conservation groups to restore and preserve endangered ecosystems, such as nearby forests and wetlands, ensuring the protection of plant and animal species.

Tree plantation drive - World Environment Day

The Glocal University, Mirzapur, celebrated World Environment Day with a tree plantation drive in the village of Shahpur Gada. The event aimed to raise awareness about environmental protection and encourage responsible tree care practices.

The program commenced with a tree plantation ceremony led by the Vice Chancellor, Professor Dr. PK Bharati. The initiative was supported by key faculty members, including the Pro-Vice Chancellor, Professor Dr. Satish Kumar Sharma, the Pro-Vice Chancellor, Professor Dr. PK Mishra, and the University Registrar, Professor Dr. SP Pandey. The event was further facilitated by Dr. Swarnima Singh and Dr. Mohammad Yusuf.

The participants planted trees in a symbolic gesture to highlight the vital role that trees play in the environment. This act of tree planting extended beyond just adding greenery; it symbolized a collective commitment to preserving nature for future generations. During the program, students and faculty members pledged to care for trees, contributing to the overall well-being of the environment. This commitment to tree care was further emphasized through the initiative's focus on practical measures to protect trees and support their long-term health.

The World Environment Day celebration at Global University underscored the institution's dedication to environmental sustainability. By organizing this event, the university aimed to instill a sense of environmental responsibility within its students and staff, encouraging them to actively participate in efforts to protect the planet. The tree plantation drive served as a tangible demonstration of this commitment.

The success of this event can be attributed to the collaborative effort of the university's leadership, faculty, and students. The event showcased the power of collective action in promoting environmental consciousness and driving meaningful change. The positive impact of this initiative extends beyond the immediate event, serving as a catalyst for ongoing environmental awareness and action.

D	Dean Students Welfare <dsw@theglocaluniversity.in> 🕞 Tue, Jun 4, 6:35PM 🌟 🕎</dsw@theglocaluniversity.in>	:
	Dear all,	
	We are delighted to inform you that Glocal University is organizing a tree plantation drive to commemorate World Environment Day. This event aims to contribute positively to our environment by planting trees in nearby villages.	
	Date: June 5, 2024 Time: Bus will depart at 11:00 AM Departure Point: University Parking.	
	We encourage you all to participate in this meaningful initiative. Your involvement will not only help in creating a greener environment but also foster a sense of community and environmental responsibility. Looking forward to your active participation!	
	Best Regards Swarnima Singh DSW	
	One attachment ⋅ Scanned by Gmail ①	¢,
	TREE PLANTATION DRIVE	











Research and Biodiversity Monitoring: Our faculty and students engage in research to monitor biodiversity, track species populations, and study ecosystem health, contributing valuable data to conservation efforts.

Awareness and Education: Through workshops and field activities, we educate the campus community about biodiversity and encourage active participation in preservation efforts.

These initiatives underscore Glocal University's commitment to preserving biodiversity and fostering sustainable ecosystems for future generations.

15.2.4

Educational programmes on ecosystems

At Glocal University, we have made Environmental Science a compulsory course across all programs, ensuring that every student gains a foundational understanding of sustainability, ecosystem health, and environmental challenges. This initiative aims to:

Build Environmental Awareness: Students from all disciplines learn about pressing issues such as climate change, pollution, biodiversity loss, and sustainable resource management.

Encourage Responsible Practices: By integrating environmental science into every curriculum, we equip students with the knowledge to make environmentally responsible decisions in their personal and professional lives.

Foster Cross-Disciplinary Solutions: This course promotes an interdisciplinary approach, encouraging students from varied fields to apply environmental principles to their areas of expertise.

Through this commitment, Glocal University ensures that every graduate is environmentally conscious and ready to contribute to a sustainable future.

15.2.5

Sustainable management of land for agriculture (educational outreach)

Glocal University is committed to promoting sustainable tourism practices through educational outreach and programs on responsible land management for tourism. Our initiatives include:

-Workshops on Sustainable Tourism:We conduct workshops for local businesses, tour operators, and communities on sustainable tourism practices that minimize environmental impact, protect ecosystems, and preserve cultural heritage.

-Community Awareness Campaigns:We partner with local authorities to organize awareness campaigns on balancing tourism growth with environmental conservation, educating on the benefits of sustainable land practices.

-Field-Based Learning: Through field trips and interactive sessions, participants gain hands-on experience in implementing sustainable tourism methods, such as waste reduction, biodiversity conservation, and responsible land use.

These programs help local and national communities embrace sustainable tourism, supporting environmental preservation and economic growth.

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15.3.1

Sustainable use, conservation and restoration of land (policy)

Glocal University has implemented a comprehensive policy to ensure the conservation, restoration, and sustainable use of terrestrial ecosystems connected to our campus, including forests, mountains, and drylands. Key elements of this policy include:

Ecosystem Conservation Initiatives: We prioritize the protection of native species and habitats within university-associated lands, managing resources to support ecosystem stability.

Restoration Projects: Our policy mandates active restoration efforts for degraded land areas, including reforestation, soil restoration, and erosion control, to revive biodiversity and enhance ecosystem resilience.

Sustainable Land Use: We adopt sustainable practices for any development, ensuring minimal environmental impact by following guidelines that protect natural resources, reduce deforestation, and limit habitat disruption.

Monitoring and Reporting: Regular monitoring and assessment are integral to our policy, allowing us to track ecosystem health, adjust practices, and promote transparency.

Through this policy, Glocal University is dedicated to fostering a model of responsible land stewardship and sustainable ecosystem management.

15.3.2 Monitoring IUCN and other conservation species (policies)

Glocal University has a dedicated policy to identify, monitor, and protect species listed on the IUCN Red List and other national conservation lists within areas impacted by our operations. This policy includes:

Identification and Habitat Assessment: We conduct regular assessments of universityassociated land to identify any endangered or vulnerable species and understand their habitat requirements.

Monitoring Programs: Our policy mandates ongoing monitoring of these species, tracking their populations and health to detect any changes that may signal habitat threats or the need

for conservation actions.

Protection Measures: We implement specific actions to safeguard identified species, such as habitat preservation, restricted access zones, and minimization of campus development in sensitive areas.

Collaboration with Conservation Authorities: We partner with conservation organizations and government agencies to align with best practices and adhere to legal protections for these species.

This policy reflects Glocal University's commitment to biodiversity conservation and responsible environmental stewardship.

15.3.3

Local biodiversity included in planning and development

Glocal University integrates local biodiversity into all planning and development processes, ensuring new projects, such as building construction, are environmentally responsible. Our approach includes:

Biodiversity Impact Assessments: We conduct assessments to identify potential impacts on local flora and fauna, ensuring sensitive species and habitats are protected.

Eco-friendly Design: We use green roofs, native plants, and wildlife corridors to minimize disruption to habitats.

Mitigation Strategies: If impacts are unavoidable, we implement measures like creating alternative habitats and restoring ecologically valuable areas.

Ongoing Monitoring: We monitor the long-term effects of new developments to ensure ecosystems remain healthy.

By incorporating biodiversity considerations into our planning, Glocal University ensures sustainable growth while preserving the environment.

15.3.4

Alien species impact reduction (policies)

Glocal University has implemented a policy to reduce the impact of alien species on campus ecosystems. This policy includes:

Invasive Species Monitoring: We regularly monitor and identify non-native species that may threaten local biodiversity, focusing on their distribution and impact on native plants and animals.

Control and Eradication: For invasive species, we employ targeted management strategies such as removal, habitat restoration, and public awareness campaigns to prevent their spread.

Native Species Promotion: We prioritize planting and promoting native plant species across campus landscapes, which support local wildlife and enhance ecosystem resilience.

Collaboration with Experts: We work with environmental organizations and experts to stay updated on best practices for managing alien species and restoring ecological balance.

This policy reflects Glocal University's commitment to preserving local biodiversity and maintaining healthy campus ecosystems.

15.3.5

Collaboration for shared land ecosystems

Glocal University collaborates with the local community to maintain and enhance shared land ecosystems through various initiatives:

Community Engagement: We work with local residents to raise awareness and encourage participation in conservation efforts such as habitat restoration and sustainable land practices.

Joint Conservation Projects: In collaboration with NGOs and local authorities, we engage in initiatives that protect and restore ecosystems like forests, wetlands, and grasslands.

Educational Outreach: We offer workshops and training programs for local communities, teaching sustainable land management and biodiversity preservation.

Shared Resource Management: By working with local stakeholders, we develop and implement practices that balance resource use with ecosystem health.

These efforts help Glocal University and the local community work together to ensure the sustainability of shared ecosystems for future generations.

15.4.1

Water discharge guidelines and standards

Glocal University follows strict water quality standards and guidelines for water discharges to protect ecosystems, wildlife, and human health. Our approach includes:

Water Quality Monitoring: We regularly monitor water quality at discharge points to ensure compliance with national and international environmental standards, focusing on parameters like pH, chemical pollutants, and biological contaminants.

Wastewater Treatment: We have in place efficient treatment systems to filter and treat

wastewater before it is released, ensuring harmful substances are removed to prevent ecosystem degradation.

Sustainable Practices: We minimize water use and optimize drainage systems to reduce pollution and manage stormwater responsibly, protecting nearby water bodies.

Collaboration with Experts: We work with environmental agencies to stay updated on best practices and ensure that our water management practices align with current ecological and health standards.

These guidelines ensure that our water discharge practices uphold the health of ecosystems and communities.

15.4.2

Glocal University has a policy to reduce plastic waste on campus through several key initiatives:

Elimination of Single-Use Plastics: We have phased out single-use plastics like bottles and straws, replacing them with sustainable alternatives such as reusable containers and biodegradable items.

Recycling and Waste Segregation: Dedicated recycling stations are placed across campus, encouraging proper waste segregation to ensure plastic waste is recycled effectively.

Awareness and Education: We run campaigns and workshops to educate students and staff on the environmental impacts of plastic waste and the importance of reducing consumption.

EVENT REPORT

Best out of waste Competition Under Swachhta hi Seva Campaign

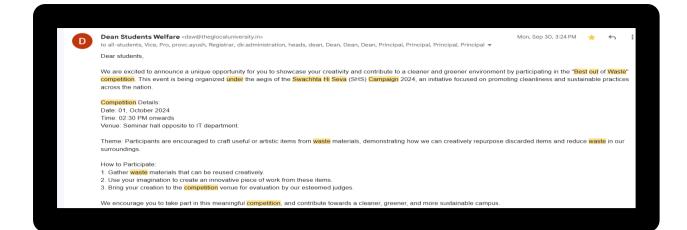
Date: 01 October 2023

On 01 October 2024, Glocal University hosted a "Best out of Waste" competition as part of the Swachhta Hi Seva Campaign 2023. This initiative aimed to encourage creativity among students while promoting environmental sustainability through the repurposing of waste materials. The competition focused on inspiring students to craft innovative and artistic items from discarded materials.

The theme emphasized the importance of reducing waste and finding creative solutions for a cleaner environment. Students gathered at the Seminar Hall with their crafted creations, showcasing a wide array of imaginative works made from waste materials. Some groups arrived on the spot with collective waste material from cleanliness drive and created beautiful crafts using plastic bottles, cap of plastic bottles, wasted thread, old banners etc.

The atmosphere was filled with enthusiasm as participants explained their projects to peers and judges. An esteemed panel of judges including Ms. Ashrita, Ms. Khushbu, Ms. Shelly, Ms. Vaishali, Mr. Sufiyan and Mr.Faizan Ali, evaluated the creations based on criteria such as creativity, functionality, and overall presentation. The judges engaged with participants, asking questions and appreciating their efforts in transforming waste into art.

The "Best out of Waste" competition not only highlighted the creativity of Glocal University students but also reinforced the message of environmental responsibility. By encouraging participants to think critically about waste management and sustainable practices, the event contributed significantly to the ongoing Swachhta Hi Seva Campaign. The event was organised by office of the Dean Students' Welfare.









Supplier Collaboration: We work with vendors to promote eco-friendly packaging and products.

These initiatives reflect Glocal University's commitment to reducing plastic waste and fostering a sustainable campus environment.

15.4.3

Glocal University is committed to the safe disposal of hazardous waste to protect both people and the environment. Our policy includes:

-Identification and Segregation:Hazardous materials like chemicals, batteries, and e-waste are properly identified and separated from regular waste to prevent any risk of contamination.

-Safe Disposal:We partner with licensed disposal services that follow strict guidelines to ensure hazardous waste is managed safely and responsibly.

-Training and Awareness: We regularly train staff and students on the correct handling, storage, and disposal methods for hazardous materials, promoting a culture of safety.

-Regulatory Compliance:Our practices align with both national and international regulations, ensuring that we meet the highest standards for protecting human health and ecosystems.

This policy reflects our dedication to creating a safe, sustainable campus by responsibly managing hazardous waste.

EDITED BOOK

AGRICULTURE IN 21st CENTURY

