

SUSTAINABLE DEVELOPMENT GOAL 15



KINNAIRD COLLEGE FOR WOMEN REPORT ON

SUSTAINABLE DEVELOPMENT GOAL 15



LIFE ON LAND



GOAL 15: LIFE ON LAND

Goal 15 is about conserving life on land. It is to protect and restore terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and stop biodiversity loss.

Earth's ecosystems are vital for sustaining human life, they contribute to over half of global GDP and encompass diverse cultural, spiritual, and economic values.

However, the world is facing a triple crisis of climate change, pollution and biodiversity loss.

Between 2015 and 2019, at least 100 million hectares of healthy and productive land were degraded every year, impacting the lives of 1.3 billion people.

Agricultural expansion is the direct driver of almost 90 per cent of deforestation. This is in direct relation to our food systems, and oil palm harvesting accounted for 7 per cent of global deforestation from 2000 to 2018.

Global and regional efforts to sustain forest ecosystems as well as their social, economic and environmental functions are essential, in particular for developing countries and the tropics.

We need to shift humanity's relationship with nature to achieve Goal 15, and realise that nature is the root of our life of earth. The recently adopted Kunming-Montreal Global Biodiversity Framework provides renewed impetus for Goal 15, outlining four outcome-oriented goals to be achieved by 2050 and 23 targets to be achieved by 2030.

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Kinnaird's activities on GOAL 15: Life On Land

Courses Offered

Kinnaird College for Women offers major courses on Life on Land goal of sustainable development. The Final projects of students mainly focus on the Sustainable Development Goals for raising the understanding regarding the importance and requirements of the Agenda 2030 sustainable development goals.

Drive/Campaigns

- Tree plantation- Making Kinnaird
- Indoor Plantation Campaigns.

Eco-Internship Program

Kinnaird organized the Eco-Internship Program on Environmental science on the SDG15 life on land.



Published papers

Research paper on “life on land” by the faculty of Kinnaird.

- Dr. Amber Fatima, Dr. Wajahat Hussain (2022), Interactions among the plants with different neighbor identities and plant communication (A review), Sarhad journal of Agriculture, Sarhad Journal of Agriculture, 38(3), 1017-1025.
- Dr. Amber Fatima, Dr. Syed Wajahat Hussain, Do Plants Really Communicate with Their Neighbor? A Short Communication, Journal of Natural and Applied Science Pakistan, Volume 1(4).

Visit to MET Station Lahore




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Students of semester 7 are currently engaged in producing work for this KB24 Project for Art Students. The project submission deadline is 15th Sept, 2024.





KARACHI BIENNALE TRUST

ARTISTS OF GAZA LIVE IN OUR HEART

KB24 Project for Art Students

August to November 2024

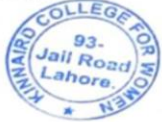
Form

Name of Art Educational Institution:	Kinnaird College for Women, Lahore
Address:	93 Jail Road, Lahore
Email:	Head - Fine Arts Department mizna.zulfiqar@kinnaird.edu.pk
Contact Person:	Amra Khan Assistant Professor, Fine Arts
Email and Phone No.	amra.khan@kinnaird.edu.pk 0323 4516813

Our institution will participate in the project and abide by the rules and guidelines.

Mizna Zulfiqar
Signature of Head/ Contact person

Stamp of Institution



Plot No. 33-C, Mezzanine Floor, 6th Lane, Zamzama Commercial, DHA Phase V, Karachi
info@karachibiennale.org.pk 021 3537588

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Fruit Garden Inauguration

Fruit garden inauguration in Kinnaird College for Women. 2023



Green youth Movement Club

Plant adoption to safety measures taken by students to protect plants on land 2023



Grow organic by teaching course of Kitchen gardening



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Ecosystem in Fruiting Garden and Botanical Garden

Maintain ecosystem in both fruiting garden and botanical garden Kinnaird college, under Plant ecology, Environmental Biology and Kitchen gardening



Recycling Plastic Project

Department of Botany has also worked on different Active citizen projects like to develop flora in Kinnaird College, Plantation drive in botanical garden and under recycling plastic project, botany student donates plastic bench for botanical garden. 2024



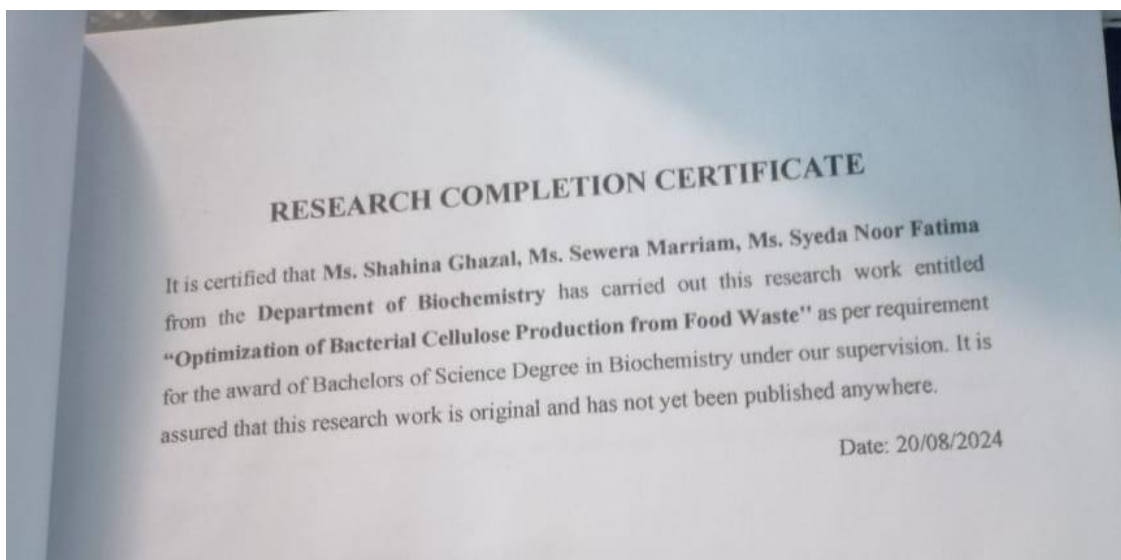
Exhibition of Terrarium

A capital building intended for year-round exposition of tropical invertebrates, amphibians and reptiles, including terrariums and aqua terrariums ("polydariums"). Exhibits of imperial scorpions, tarantula spiders, exotic amphibians, chameleons, lizards, snakes and turtles are provided.

Arranged and design terrarium culture exhibition



Thesis: Optimization of Bacterial Cellulose Production from Food Waste



Macrophomina Phaseolina Stress

Published article: Akhtar S, Shoaib A, Javiad I, Qaisar U, Tasadduq R. Farmyard manure, a potential organic additive to reclaim copper and *Macrophomina phaseolina* stress responses in mash bean plants. *Sci Rep.* 2023, 1;13(1):14383

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Farmyard manure, a potential organic additive to reclaim copper and *Macrophomina phaseolina* stress responses in mash bean plants

[Sundus Akhtar](#), [Amna Shoaib](#) , [Iqra Javiad](#), [Uzma Qaisar](#) & [Raazia Tasadduq](#)

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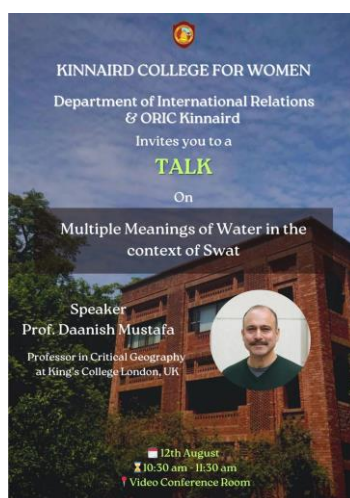
Botanical and Environmental Resilience through International Relations in achieving SDGs

Panel Talk arranged by Department of IR with department of Botany on 29th April, 2024. Titled ‘Botanical and Environmental Resilience through International Relations in achieving SDGs’



Multiple Meanings of Water in the context of Swat

Talk arranged by IR in collaboration with ORIC titled ‘Multiple Meanings of Water in the context of Swat’ by Dr. Daanish Mustafa, on 15 August, 2024.



Based National & International Peer-Reviewed

Dr. Faryal Chaudhry is a reviewer of Based National & International Peer-Reviewed Journals Relevant to Food Sciences

