



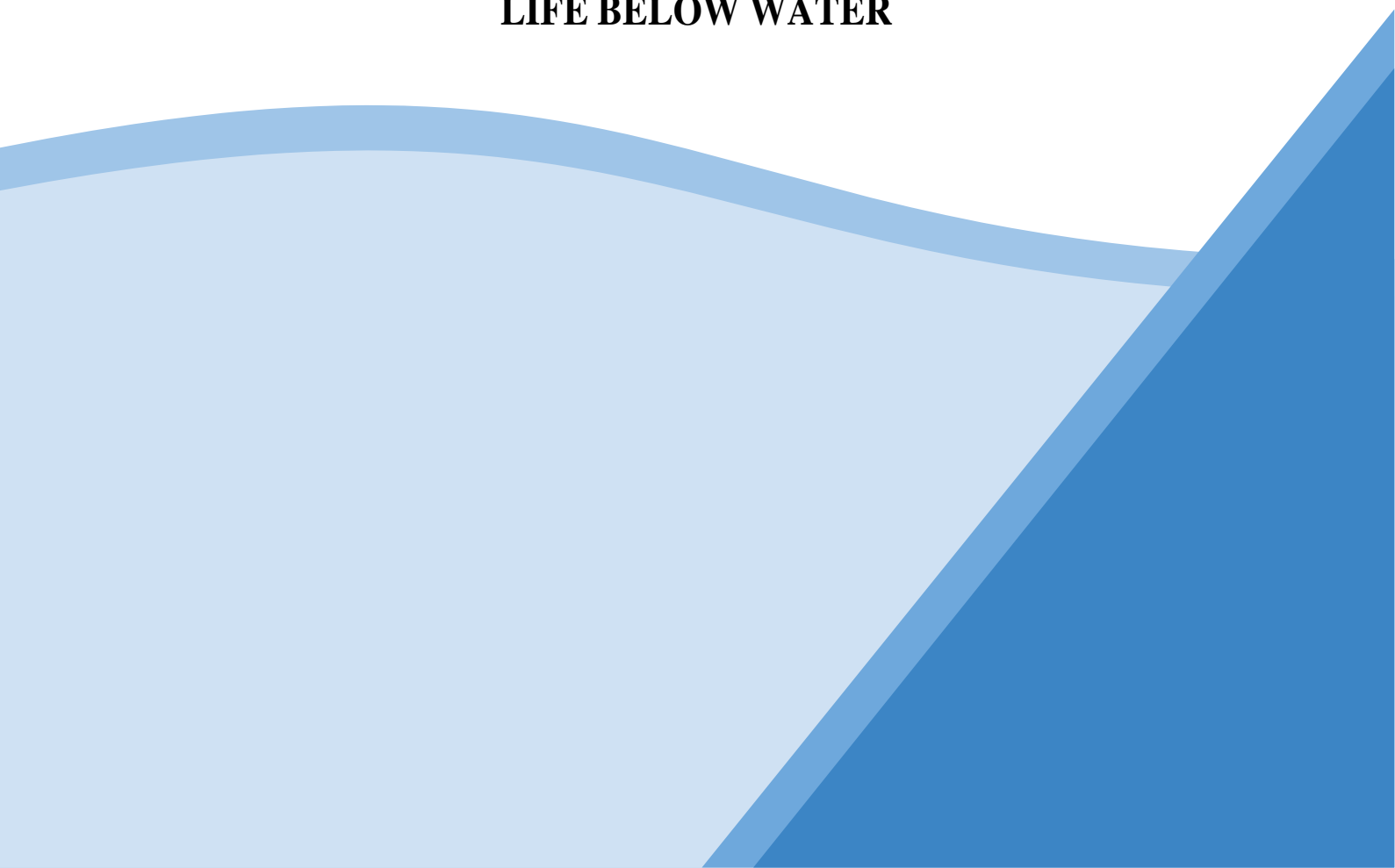
SUSTAINABLE DEVELOPMENT GOAL 14

**KINNAIRD COLLEGE FOR WOMEN
REPORT ON**

SUSTAINABLE DEVELOPMENT GOAL 14



LIFE BELOW WATER



SUSTAINABLE DEVELOPMENT GOAL 14

GOAL 14: LIFE BELOW WATER

Goal 14 is about conserving and sustainably using the oceans, seas and marine resources. Healthy oceans and seas are essential to human existence and life on Earth.

The Ocean is intrinsic to our life on earth. Covering three-quarters of the Earth's surface, contain 97 percent of the Earth's water, and represent 99 percent of the living space on the planet by volume.

They provide key natural resources including food, medicines, biofuels and other products; help with the breakdown and removal of waste and pollution; and their coastal ecosystems act as buffers to reduce damage from storms. They also act as the planet's greatest carbon sink.

Worryingly, marine pollution is reaching extreme levels, with over 17 million metric tons clogging the ocean in 2021, a figure set to double or triple by 2040. Plastic is the most harmful type of ocean pollution.

Currently, the ocean's average pH is 8.1 which is about 30 per cent more acidic than in pre- industrial times. Ocean acidification threatens the survival of marine life, disrupts the food web, and undermines vital services provided by the ocean and our own food security.

Careful management of this essential global resource is a key feature of a sustainable future. This includes increasing funding for ocean science, intensifying conservation efforts, and urgently turning the tide on climate change to safeguard the planet's largest ecosystem. Current efforts to protect are not yet meeting the urgent need to safeguard this vast, yet fragile, resource.

SUSTAINABLE DEVELOPMENT GOAL 14

Kinnaird's activities on GOAL 14: Life Below Water

Courses Offered

Kinnaird College for Women offers major courses on the Life Below the water 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.

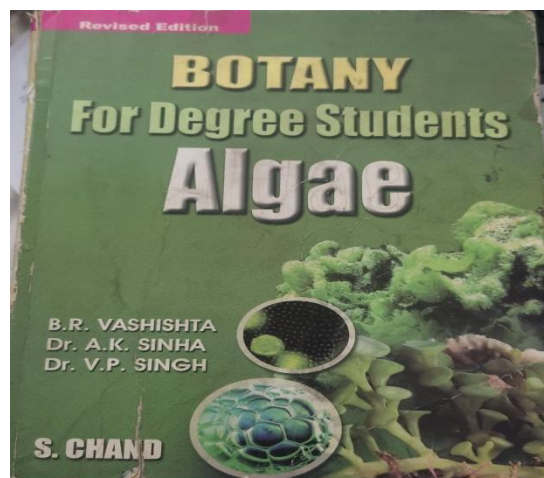
Seminars

- Seminar organized by GYM-Club Kinnaird College about threats marine life.



Visits

Kinnaird College for Women organizes trips for students to areas like Head Balloki Fish Hatcheries to explore the life below water. A visit was organized for Zoology students to study the importance of fisheries and aquaculture resources for industrial and domestic uses and also for the improvement of the environment. In the Head Balloki Fish Hatcheries students learned about artificial breeding, hatching and feeding through the early life stages of a fish to preserve and improve the fish species.

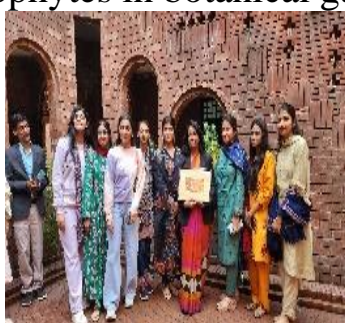


Phycology (Algae) Under Water

Course offering: Phycology (algae) under water

Seminar on Microflora arranged by department of botany 2023.

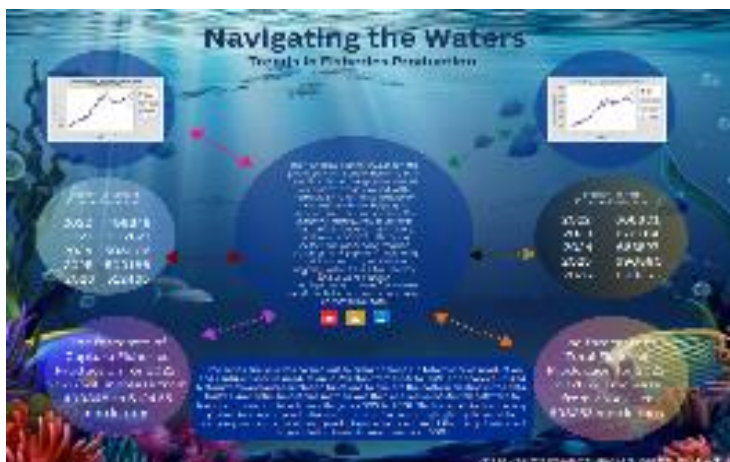
Introducing habitat for hydrophytes in botanical garden.



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Navigating the Waters

By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing.



Thesis: Repellent potential of *Syzygium aromaticum* against *Aedes Aegyptus*.

RESEARCH COMPLETION CERTIFICATE

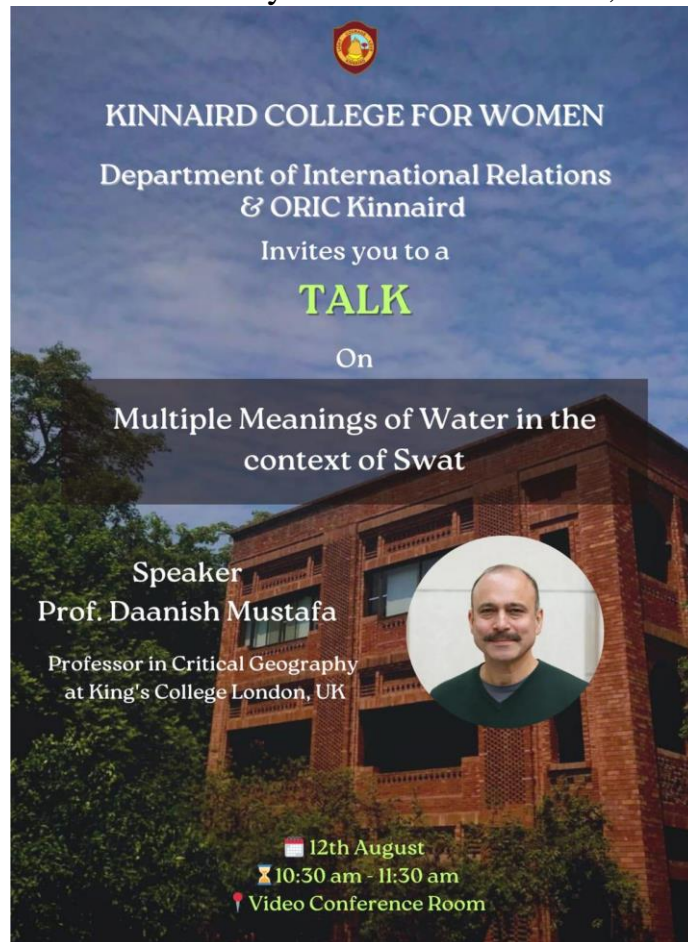
It is certified that **Ms. Afia Shakeel Malik** of M.Phil. (Session 2022-2024), **Department of Biochemistry** has carried out this research work entitled “**Repellent potential of *Syzygium aromaticum* against *Aedes aegypti*”** as per requirement for the award of Masters in Philosophy Degree in Biochemistry under our supervision. It is assured that this research work is original and has not yet been published anywhere.


Date: 20/8/2024

SUSTAINABLE DEVELOPMENT GOAL 14

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.




KINNAIRD COLLEGE FOR WOMEN
Department of International Relations
& ORIC Kinnaird
Invites you to a
TALK
On
Multiple Meanings of Water in the
context of Swat
Speaker
Prof. Daanish Mustafa
Professor in Critical Geography
at King's College London, UK
12th August
10:30 am - 11:30 am
Video Conference Room