

SUSTAINABLE DEVELOPMENT GOAL 6



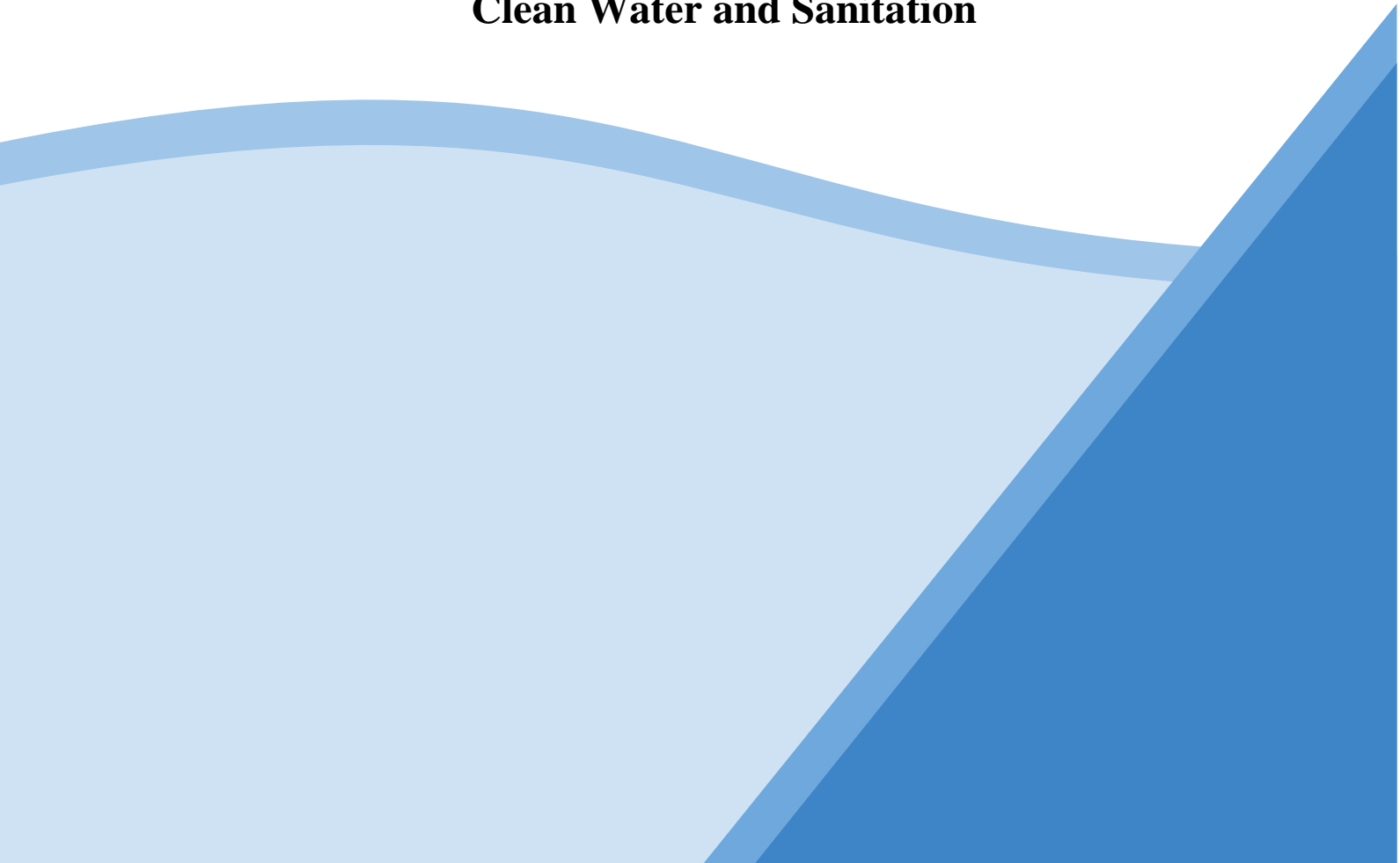
KINNAIRD COLLEGE FOR WOMEN
REPORT ON

SUSTAINABLE DEVELOPMENT GOAL 6

GOAL 6: CLEAN WATER AND SANITATION



Clean Water and Sanitation



Kinnaird's activities on GOAL 6: Clean Water and Sanitation Awareness drive Under GYM Club on Cleanliness



Model and photography competition on Water conversation



Plate mounting drive for water

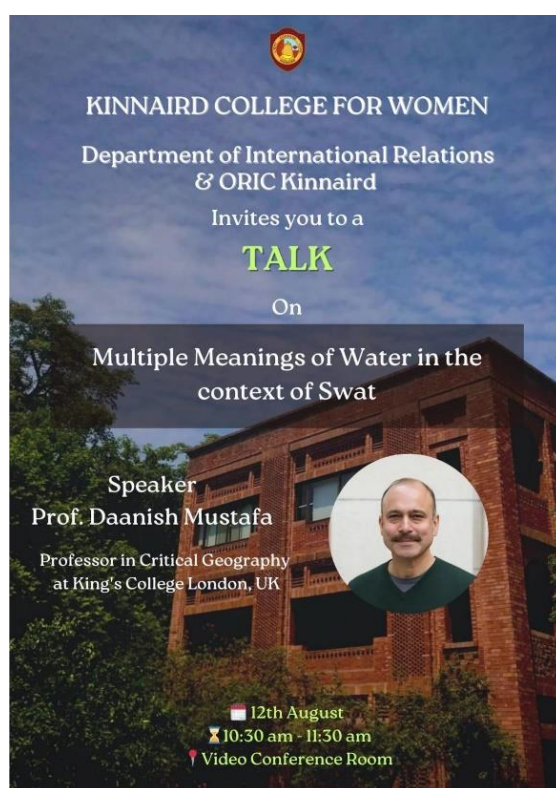


Thesis on (Environmental Science)

- Drinking Water Quality Assessment of Public Primary Schools of Rural Punjab, Pakistan.
- Assessment of Drinking Water Quality in Public Primary Schools of Urban Punjab, Pakistan
- Geospatial Analysis of Mangroves along River Indus and its Coastal Vulnerability Index.
Research reports on
- Assessment of soil and water quality near & around Leather Tannery industries
- Assessment of drinking water quality at Hanif park Harbanspura
- Drinking water quality assessment in Chichawatni
- Drinking water quality assessment of Primary & Secondary Schools of Lahore & Suburbs
- Drinking Water quality assessment of Walled city of Lahore
- Evaluation of Groundwater Resources of Punjab for Irrigation Purposes
- Determination of Drinking Water Quality of Different Schools (Private and

- Government) in Chawinda
- Water Quality Assessment of Hudiara Drain and Treatment Using Rice Husk Biochar
- Determination of drinking water quality of Kot Lakhpat, Lahore
- Evaluation of drinking water quality and associated health risks in Karim Nagar, Lahore
- A comprehensive quality assessment of the water supply system in Sialkot, Pakistan
- Removal of nitrate from water using Mg Al-layered double hydroxides/sodium alginate beads
- Seasonal Variability of Groundwater Quality in Sargodha, Pakistan.

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.



Publication (Geography)

Dr Ambreena Javaid.

- Python based Estimation of Ground Water Quality Along Hudiara Drain
- To illustrate the various sources of contaminants that infiltrate the soil and water.
- To evaluate the hydrogeochemical properties and quality of groundwater.

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Exhibition Visit: 'WATER, PLANTS & OTHER ECOLOGIES' 30th Aug, 2024

Students and faculty of semester 3, 5 and 7 visited 'Water, Plant & Other Ecologies', a solo exhibition by internationally renowned artist, Hamra Abbas curated by Imran Qureshi. Displayed at The BARRACKS Art Museum, Nasir Bagh, Lahore.



Faculty Published a Book Chapter titled as Water in Political Boundaries of Crisis in the book Water Governance: Nurturing Resilience for Sustainable Development published by Apple Academic Press a CRC publication

The screenshot shows the book's page on the Apple Academic Press website. The book title is "Water Governance: Nurturing Resilience for Sustainable Development". The editors are Umar Raaz, PhD and Laila Shahzad, PhD. The book is published by Apple Academic Press, a CRC publication. The page includes a table of contents, a list of subjects, and a list of authors. The book is available in hardcover and eBook formats. The price is \$220 US / £170 UK. The book is 10 color and 22 b/w illustrations. The book is available in hardcover and eBook formats. The price is \$220 US / £170 UK. The book is 10 color and 22 b/w illustrations.

Training on 'Research & Innovation for SDG's'

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Dr. Usamah conducted a training on 'Research & Innovation for SDG's' at the KBIC, as part of conference on United Nations Sustainable Development Goals. Oct 11, 2023. Encompassed holistic overview of all SDG's




Dr. Amna Yousaf supervised a BS thesis regarding clean water

RESEARCH COMPLETION CERTIFICATE


It is certified that Sukaina Fatima of Bachelors of Science (session 2020-2024), Department of Chemistry has carried out this research work entitled "Green Synthesis of Cobalt Nanoparticles by using Leaves of *Cassia Fistula* and their Application in Dye Degradation" under my supervision.

It is assured that this research work is original and has not been published anywhere else.



Dr. Amna Yousaf
Assistant Professor

Dated: 10th May, 2024



Dr. Rabila Huma
Head of Chemistry Department

All changes suggested by the examiners during defense are incorporated in this final copy.
Sukaina Fatima
