SDG 14

LIFE BELOW WATER

LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Plastic-Free Awareness Desk Initiative
2	Ocean Conservation Awareness Desk
3	Water Purification & Marine Life Poster Competition

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ACTIVITY 01:

PLASTIC-FREE AWARENESS DESK INITIATIVE

Organized By:
The Department of Bioinformatics & Biosciences

An awareness desk activity was conducted to highlight the harmful impacts of plastic pollution and promote a plastic-free lifestyle. Informative materials, interactive discussions, and pledge activities encouraged participants to reduce, reuse, and recycle plastic while adopting eco-friendly alternatives. The initiative emphasized how plastic waste affects marine life, pollutes oceans, and disrupts aquatic ecosystems. It aligned with SDG 14, particularly Target 14.1, by raising awareness about reducing marine pollution from land-based activities. The activity fostered responsible behavior and encouraged participants to minimize plastic use in daily life. It contributed to protecting aquatic ecosystems and promoting sustainable practices for cleaner and healthier water bodies.

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ACTIVITY 02:

OCEAN CONSERVATION AWARENESS DESK

Organized By:
The Department of Bioinformatics & Biosciences

The Department of Bioinformatics and Biosciences organized a seminar under the supervision of Dr. Arshia Amin, with Mr. Muhammad Zameer as the speaker. The seminar was attended by MS and PhD students, along with faculty members. Mr. Muhammad Zameer discussed bacterial signaling, explaining how communication among disease-causing bacteria strengthens their adaptability in various habitats, including oceanic regions, deep water bodies, wastewater, and land. The event aimed to explore these communication mechanisms for better bacterial control while identifying research gaps and future opportunities. The session aligned with Sustainable Development Goal (SDG) 14: Life Below Water, as bacterial communication influences both terrestrial and aquatic ecosystems. The sub-targets of SDG 14 covered in the discussion were: 14.1 (reducing marine pollution caused by pathogenic bacteria), 14.2 (protecting marine ecosystems from bacterial contamination) and 14.5 (conserving aquatic biodiversity affected by bacterial infections).

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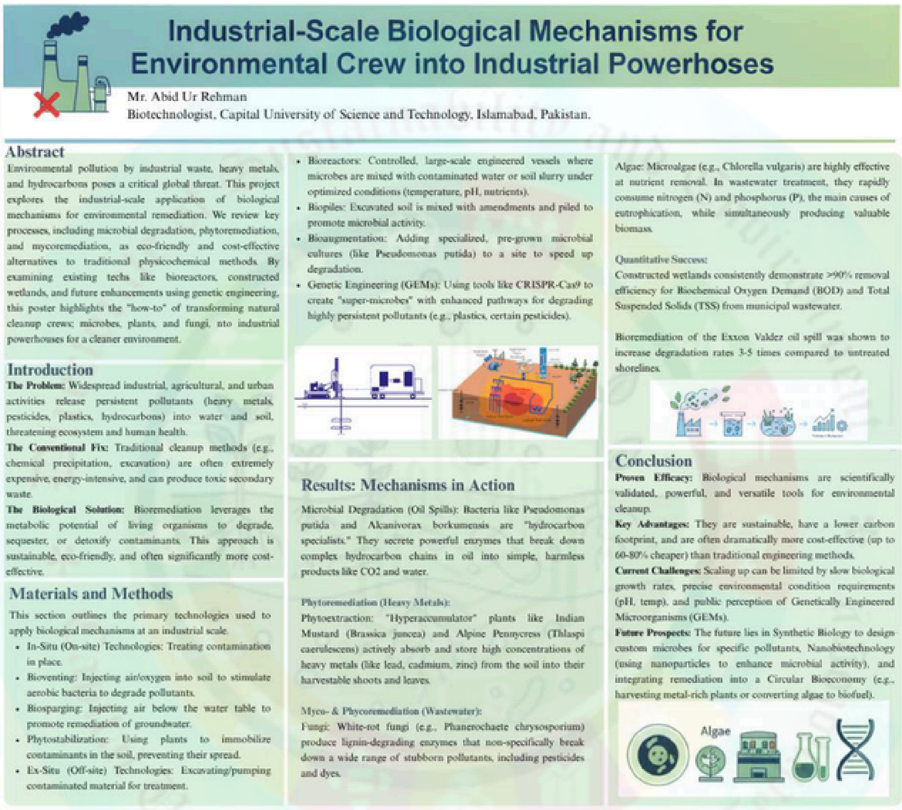
ACTIVITY 03:

WATER PURIFICATION & MARINE LIFE POSTER COMPETITION

Organized By:
The Department of Bioinformatics & Biosciences



A poster competition was conducted to raise awareness about clean water, sustainable practices, and the protection of marine ecosystems. Students presented creative and thought-provoking posters highlighting causes and consequences of water pollution, along with innovative solutions for purification and conservation. The activity emphasized the connection between water quality and the survival of marine life, promoting environmental responsibility. It aligned with SDG 14, particularly Target 14.1, by encouraging awareness on reducing water pollution and protecting aquatic ecosystems. The initiative fostered creativity, critical thinking, and environmental consciousness among students. It contributed to promoting sustainable practices and safeguarding marine biodiversity.