

SDG 06

CLEAN WATER & SANITATION



LIST OF ACTIVITIES

SR. NO.	ACTIVITY TITLE
1	Clean Water and Sanitation Quiz
2	Awareness Desk on Urban Flood Preparedness
3	Awareness Walk on Urban Flood Preparedness
4	Post-Flood Reconstruction & Water Resilience Session

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ACTIVITY 01:

CLEAN WATER AND SANITATION QUIZ

Organized By:
The Department of Civil Engineering



An interactive Civil Engineering Beep and Buzzer Quiz was conducted to enhance students' conceptual understanding through rapid-response learning. The competition covered key topics including water supply systems, wastewater treatment, hydrology, and environmental quality, promoting accuracy and critical thinking. Students actively engaged in applying theoretical knowledge to practical problem-solving scenarios. The initiative aligned with SDG 6, particularly Target 6.3, by strengthening knowledge on water quality and sustainable water management systems. It contributed to preparing future engineers for designing efficient and safe water infrastructure. The activity fostered technical competence, environmental awareness, and innovation in water-related engineering fields.



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ACTIVITY 02: AWARENESS DESK ON URBAN FLOOD PREPAREDNESS

Organized By:
The Department of Civil Engineering



ASCE successfully organized an Awareness Desk on Urban Flood Preparedness, conducted on November 13, 2025, with active participation from its students. The activity was skillfully facilitated by the ASCE student body. The awareness desk centered on equipping students with essential knowledge regarding flood risks, urban drainage challenges, and preventive measures, directly aligning academic understanding with real-world disaster preparedness practices. Students learned key aspects such as flood hazard identification, water flow management, stormwater system maintenance, and community-level response strategies during urban flooding. This initiative is directly linked to Sustainable Development Goal 6: Clean Water and Sanitation, particularly supporting SDG 6.6, which emphasizes protecting and restoring water-related ecosystems by promoting responsible water management and reducing flood-related impacts. The event concluded with an interactive segment where students discussed best practices for improving drainage resilience and the role of civil engineers in designing systems that minimize flood damage and protect urban communities.



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ACTIVITY 03: AWARENESS WALK ON URBAN FLOOD PREPAREDNESS

Organized By:
The Department of Civil Engineering



ASCE successfully organized an Awareness Walk on Urban Flood Preparedness, conducted on November 13, 2025, with active participation from its students. The walk was skilfully coordinated by the ASCE student body. The activity centered on promoting essential knowledge about flood risks, water flow management, and the importance of maintaining urban drainage systems, directly aligning academic understanding with community-level awareness. Students highlighted key concepts such as stormwater management, flood hazard recognition, and the impact of improper waste disposal on drainage blockages through displays and informational messages carried during the walk. This initiative is directly linked to Sustainable Development Goal 6: Clean Water and Sanitation, particularly supporting SDG 6.6, which emphasizes protecting and restoring water-related ecosystems and reducing flood-related disturbances through improved water management.



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ACTIVITY 04: POST-FLOOD RECONSTRUCTION & WATER RESILIENCE SESSION

Organized By:
The Department of Civil Engineering



Civil engineering students actively participated in an engagement session titled “Build Back Better: Post-Flood Reconstruction”, organized by the National Disaster Management Authority (NDMA) and held at the NDMA Auditorium on November 5, 2025. The session focused on sustainable and resilient reconstruction practices in post-flood contexts, with particular emphasis on restoring and improving water-related infrastructure. Through expert presentations and case-based discussions, students gained practical insights into flood damage assessment, resilient design of water supply and sanitation systems, sustainable drainage solutions, and effective management of wastewater and stormwater in disaster-affected areas. The initiative aimed to enhance students’ understanding of the critical role civil engineers play in ensuring safe water access and protecting public health during post-disaster recovery. This engagement is directly aligned with Sustainable Development Goal 6: Clean Water and Sanitation, particularly SDG 6.1 and SDG 6.6, which emphasize universal access to safe water and the protection and restoration of water-related ecosystems. The session concluded with an interactive discussion where NDMA experts highlighted best practices in rebuilding flood-resilient water infrastructure and encouraged future engineers to adopt sustainable, water-sensitive approaches in post-flood reconstruction efforts.

