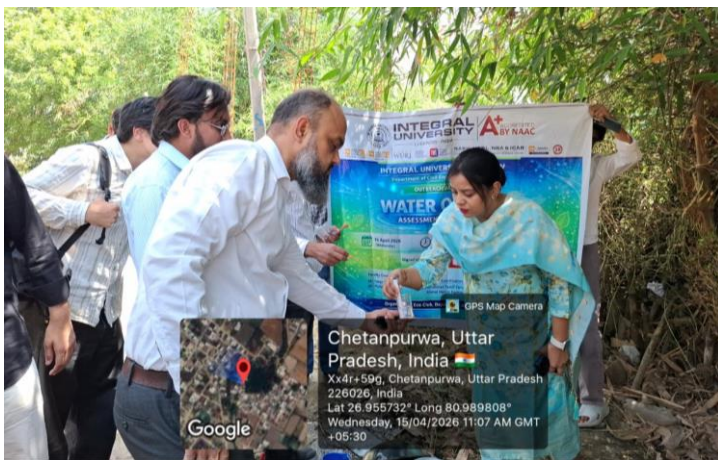


Report on Outreach Activity: Water Quality Assessment Programme on 15th April 2026

The Department of Civil Engineering – Eco Club, Integral University Lucknow organized an outreach activity titled “**Water Quality Assessment Programme**” on **15th April 2026 (Wednesday)** at **Bas-ha Village, Dasauli, Kursi Road, Lucknow**. The programme commenced at 10:00 AM and aimed to create awareness about water quality, its assessment, and its impact on public health and the environment. The primary objective of the programme was to educate local residents about the importance of safe drinking water, methods of assessing water quality, and the need for proper sanitation practices. The initiative also aimed to provide students with practical exposure to field-based water testing and community



Field testing of ground water at a location of Bas-ha Village

interaction, thereby strengthening their understanding of environmental engineering concepts.

The activity was coordinated by faculty coordinators **Mr. Faraz Hasan Qadri**, Assistant Professor and **Mr. Mohd Asim**, Assistant professor. The programme was efficiently supported by **Mr. Mohd Riyaz**, Lab instructor. Student coordinators **Mohammad Tausif**

Zaman and **Ahmad Hamza Kazmain** played an active role in organizing and executing the event, along with the participation of students from the Department of Civil Engineering. **Dr. Neha Mumtaz**, Associate Professor, Department of Civil Engineering was the technical expert in the programme whose expertise was crucial for the programme. A total of 27 students and 18 villagers of Bas-ha village.

During the outreach programme, students and faculty members interacted with local residents and demonstrated water quality testing techniques. They explained important parameters such as pH, turbidity, and contamination levels, along with their implications on human health. The water test was also conducted on water received from various location of Bas-ha Village. Field test result shows that the received water is with in permissible limits of relevant Indian standard Codes for various parameter. Awareness was also created regarding waterborne diseases, the importance of clean water sources, and preventive measures to ensure



Field testing of ground water at another location of Bas-ha Village

safe consumption. The programme emphasized the role of proper sanitation and hygiene practices in maintaining water quality.



Interaction with residents of Bas-ha Village about ground water quality

The participants actively engaged with the community by addressing their queries and providing practical suggestions for improving water safety at the household level. The use of simple and understandable communication methods helped in effectively conveying technical information to the local population.

The programme received a positive response from the villagers, who appreciated the efforts of the university in promoting public

health awareness. The interaction not only benefited the community but also enhanced the communication skills, social responsibility, and practical knowledge of the students.

In conclusion, the Water Quality Assessment Programme was a meaningful and impactful outreach activity that successfully combined academic learning with community service. It contributed towards raising awareness about safe water practices and reinforced the importance of sustainable resource management. The Department of Civil Engineering – Eco Club remains committed to organizing such initiatives in the future to promote environmental awareness and societal well-being.



Student interaction with the villagers

SDG Mapping

This activity is mapped with the following Sustainable Development Goals (SDGs):

- **SDG 3 – Good Health and Well-being:** By addressing issues related to waterborne diseases and safe water consumption, the programme contributed to improving public health and reducing health risks associated with contaminated water.
- **SDG 4 – Quality Education:** The initiative promoted experiential learning by engaging students in fieldwork and community interaction. It enhanced their practical knowledge and awareness of real-world environmental challenges.
- **SDG 6 – Clean Water and Sanitation:** The programme focused on promoting awareness about water quality assessment and safe drinking water practices. It educated the community about water contamination, sanitation, and preventive measures, thereby contributing to improved water safety and hygiene.