

A Brief Report of Awareness Program on “Revival and Recharge of Reusable Borewell Structures” at Paikaramau, Behta, Kursi Road, Lucknow on July 24, 2024

The Department of Civil Engineering, Integral University, Lucknow, organized an awareness program on July 24, 2024, in Paikaramau, Behta, Kursi Road, Lucknow. The event, titled "**Revival and Recharge of Reusable Borewell Structures**," was conducted in response to directives from the Higher Education Department of the Government of Uttar Pradesh. This initiative was part of the "**Catch the Rain**" campaign under the **Jal Shakti Abhiyan 2024**, a nationwide movement aimed at promoting water conservation and management. The government mandated that all higher education institutions actively participate in this initiative, underscoring the importance of collective efforts in addressing the critical issue of water scarcity.



The primary objective of the awareness program was to educate the community and students on the importance of rainwater harvesting and the techniques available for recharging borewell structures. Borewells, which are a crucial source of groundwater, often become depleted or contaminated over time. By reviving and recharging these structures, it is possible to enhance groundwater levels and ensure a sustainable supply of water. The event provided a comprehensive overview of the methods and

technologies that can be employed to rejuvenate borewells, including the use of recharge pits, percolation tanks, and other innovative solutions.

One of the key highlights of the program was the focus on community involvement. The organizers emphasized that while technological solutions are essential, the participation of local communities is equally crucial for the success of any water conservation initiative. The students were encouraged to engage with the residents of Paikaramau and Behta, educating them about the benefits of rainwater harvesting and the importance of maintaining borewell structures. This outreach effort aimed to create a sense of ownership and responsibility among the community members, fostering a collective approach to water management.

The awareness program was coordinated by Faculty and Staff Coordinator Mr. Md Sajid, Assistant Professor, Department of civil engineering, Mr. Mohd Yaqoob, Senior Lab Instructor, Department of civil engineering



and students Coordinators Irshad Alam 4th Year, Himanshu Gaur 3rd Year and Mohammad Danish 2nd Year. The team played a pivotal role in ensuring the smooth execution of the event, providing expert guidance and support throughout. The faculty members shared their expertise on various aspects of water conservation and borewell recharge, while the students contributed by actively participating in discussions. The collaborative effort between the faculty and students was instrumental in making the event a success.