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University**

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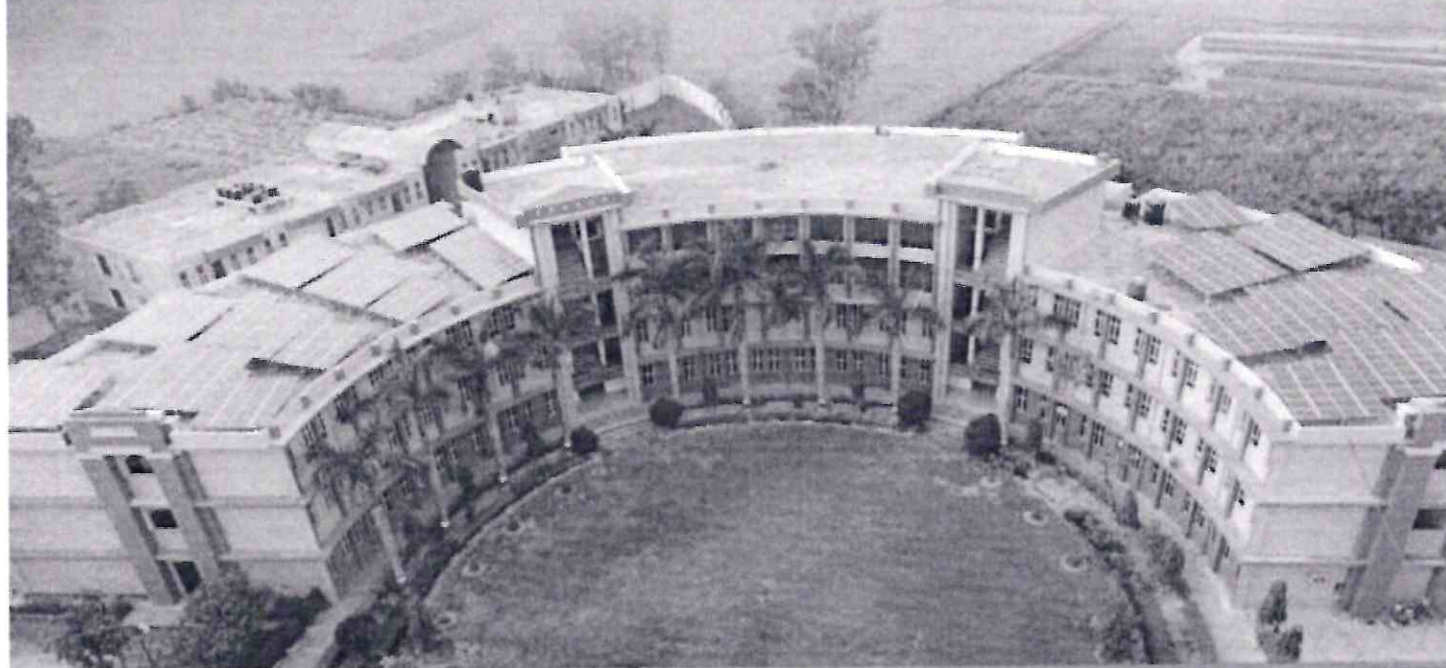


Top 101-125 Band  
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## **CRITERION 7 - INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION: 1. RAIN WATER HARVESTING 2. BOREWELL / OPEN WELL RECHARGE 3. CONSTRUCTION OF TANKS AND BUNDS 4. WASTE WATER RECYCLING 5. MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS**

**To reduce enormous use of paper and printing the ensure data, sign and a seal by the Competent Authority for all the papers, we have used the Class-3 Digital Signatures where a Registration Authority i.e. Dr. Mahipal Singh, Registrar of our University authenticate the documents and responses claimed in this pdf file.**



**SHOBHIT UNIVERSITY, Gangoh**

[Notified by Government of U.P. Act No.3 of 2012, Established u/s 2(f) of UGC Act 1956]

Adarsh Institutional Area, Babu Vijendra Marg,  
Gangoh, Distt. Saharanpur - 247341, UP

**35**  
YEARS  
OF ACADEMIC  
EXCELLENCE





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**7.1.4 REPORT ON CONSERVATION  
& MAINTENANCE OF WATER  
FACILITIES AVAILABLE IN THE  
UNIVERSITY**

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## 1. Rain Water Harvesting

Shobhit University, Gangoh, recognizes the importance of sustainable water management and has implemented rainwater harvesting as a vital initiative to conserve water. This eco-friendly practice is part of the university's commitment to environmental sustainability and resource conservation.

The rainwater harvesting system at the university is designed to capture and store rainwater from rooftops and open areas. The collected water is channeled through pipes into storage tanks or percolation pits, allowing for either direct use or recharge of groundwater levels. This system helps reduce dependency on external water sources and mitigates the effects of water scarcity, especially during dry seasons.

By adopting rainwater harvesting, Shobhit University contributes to:

1. **Sustainable Resource Management:** Efficiently utilizing natural rainfall to support daily water requirements.
2. **Groundwater Recharge:** Enhancing the local water table and reducing depletion.
3. **Environmental Awareness:** Promoting eco-consciousness among students and staff by integrating sustainable practices into campus infrastructure.



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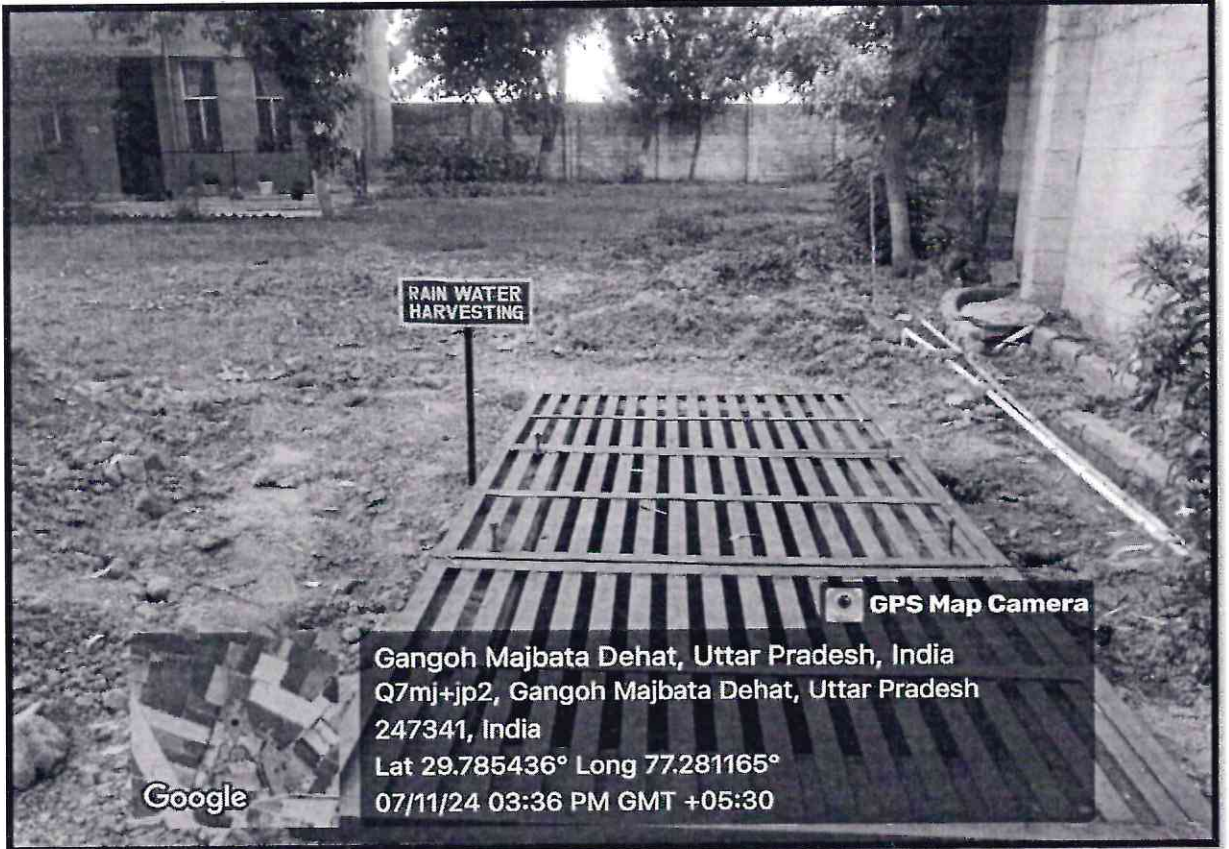
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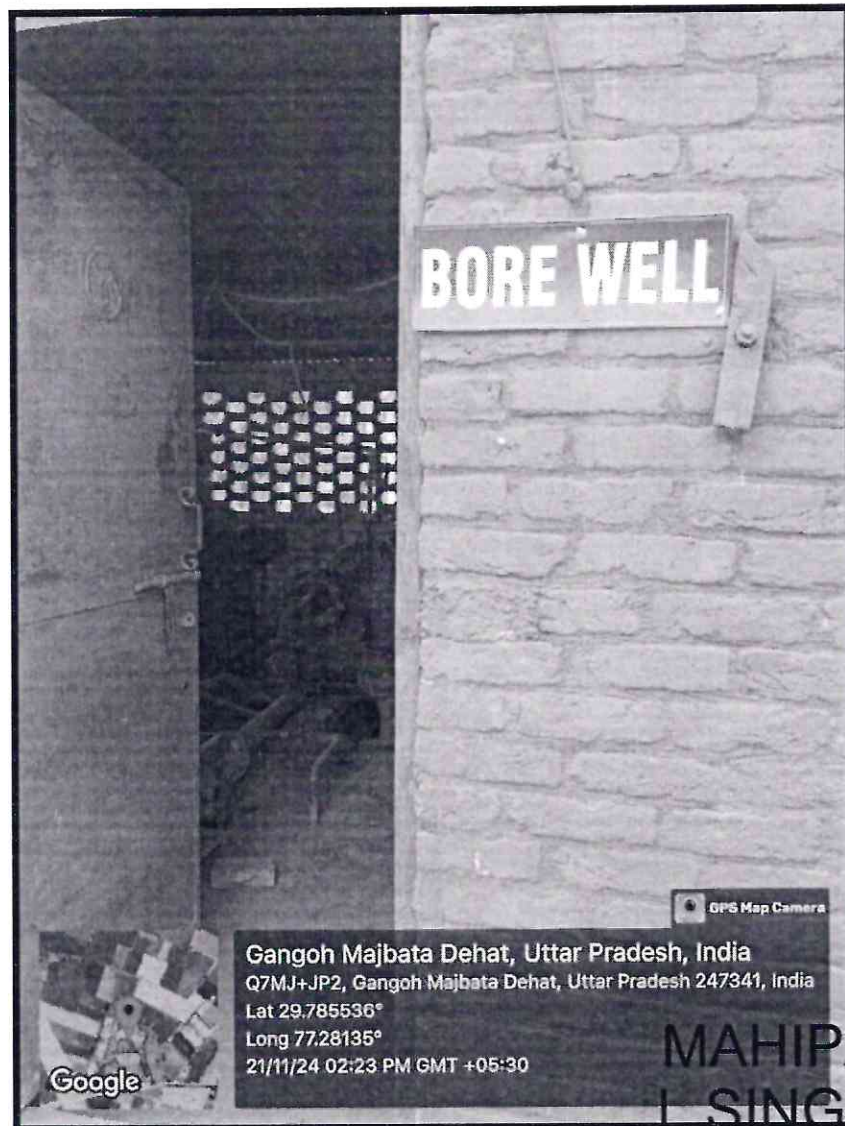
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## 2. Borewell

Borewells play a vital role in supporting water needs at Shobhit University, Gangoh, situated in the rural part of Uttar Pradesh. The university relies on borewells as a primary source of water for various purposes, including drinking, sanitation, irrigation of green spaces, and laboratory activities. Given the semi-arid conditions and seasonal fluctuations in surface water availability, borewells ensure a continuous supply of groundwater.

To sustainably manage water resources, the university follows best practices in borewell maintenance. Periodic checks and cleaning are conducted to prevent contamination and ensure efficient functioning. Additionally, the institution has initiated water conservation measures such as rainwater harvesting, which helps recharge the groundwater table and reduce dependency on borewells.

By combining borewell usage with sustainable water practices, Shobhit University aims to meet its current needs while preserving groundwater resources for future generations.



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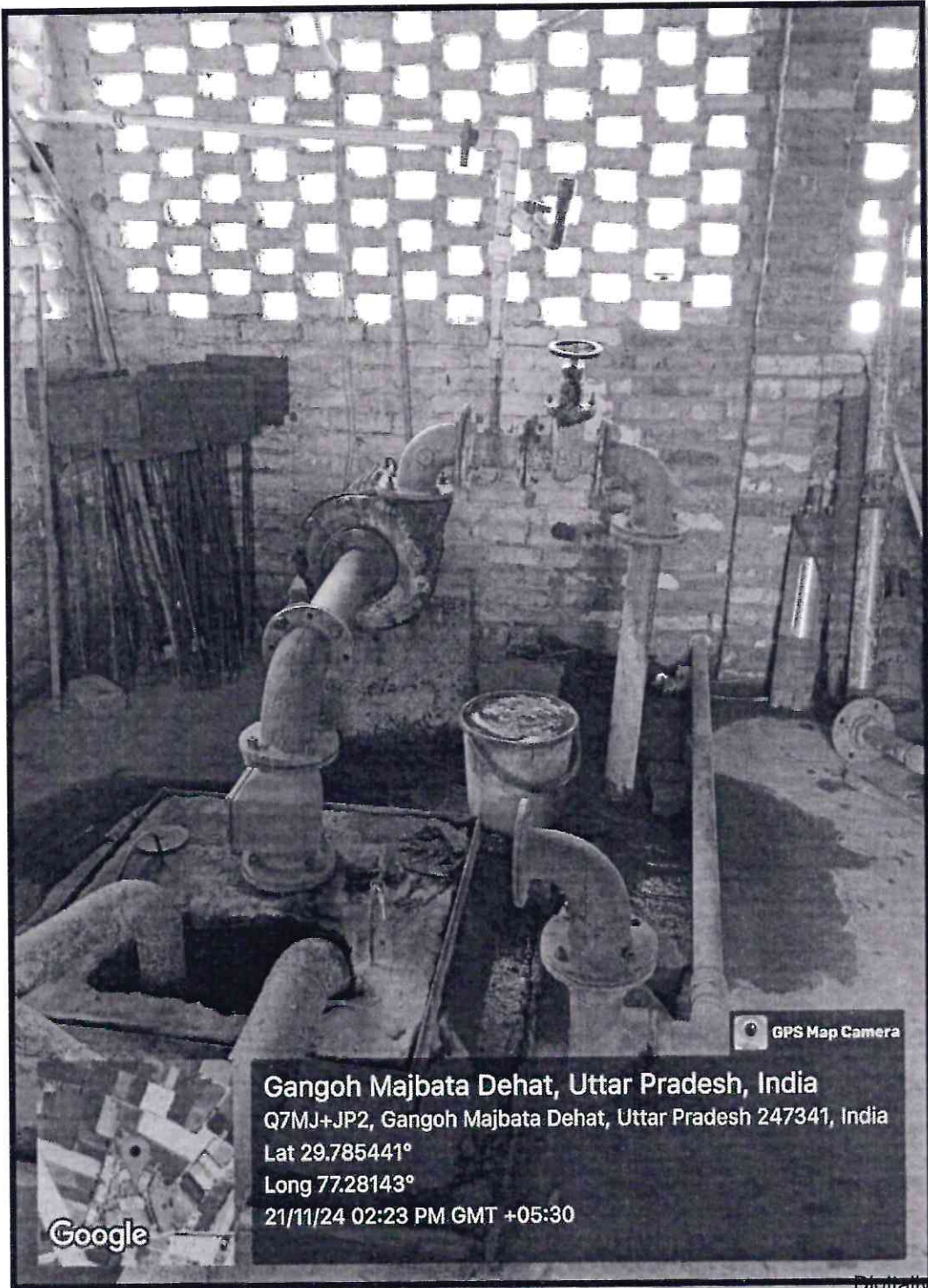
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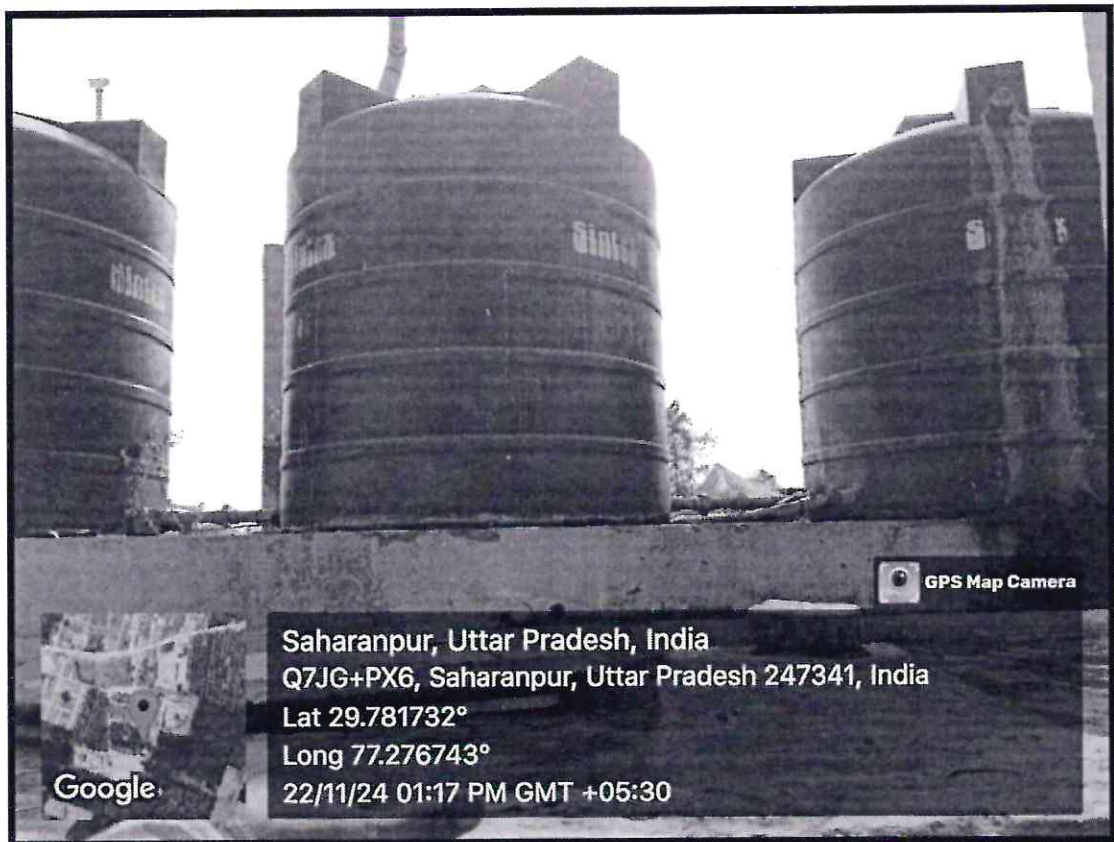
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### 3. Construction of tanks

Shobhit University, Gangoh, demonstrates its commitment to sustainability through the construction of tanks for efficient water management. These tanks support rainwater harvesting, groundwater recharge, and irrigation for campus greenery. Integrated with wastewater treatment, they enable water reuse for non-potable purposes. Additionally, the tanks serve as a resource for research and practical learning in environmental sciences and as a backup water source during emergencies. These initiatives highlight the university's dedication to resource conservation and environmental stewardship.



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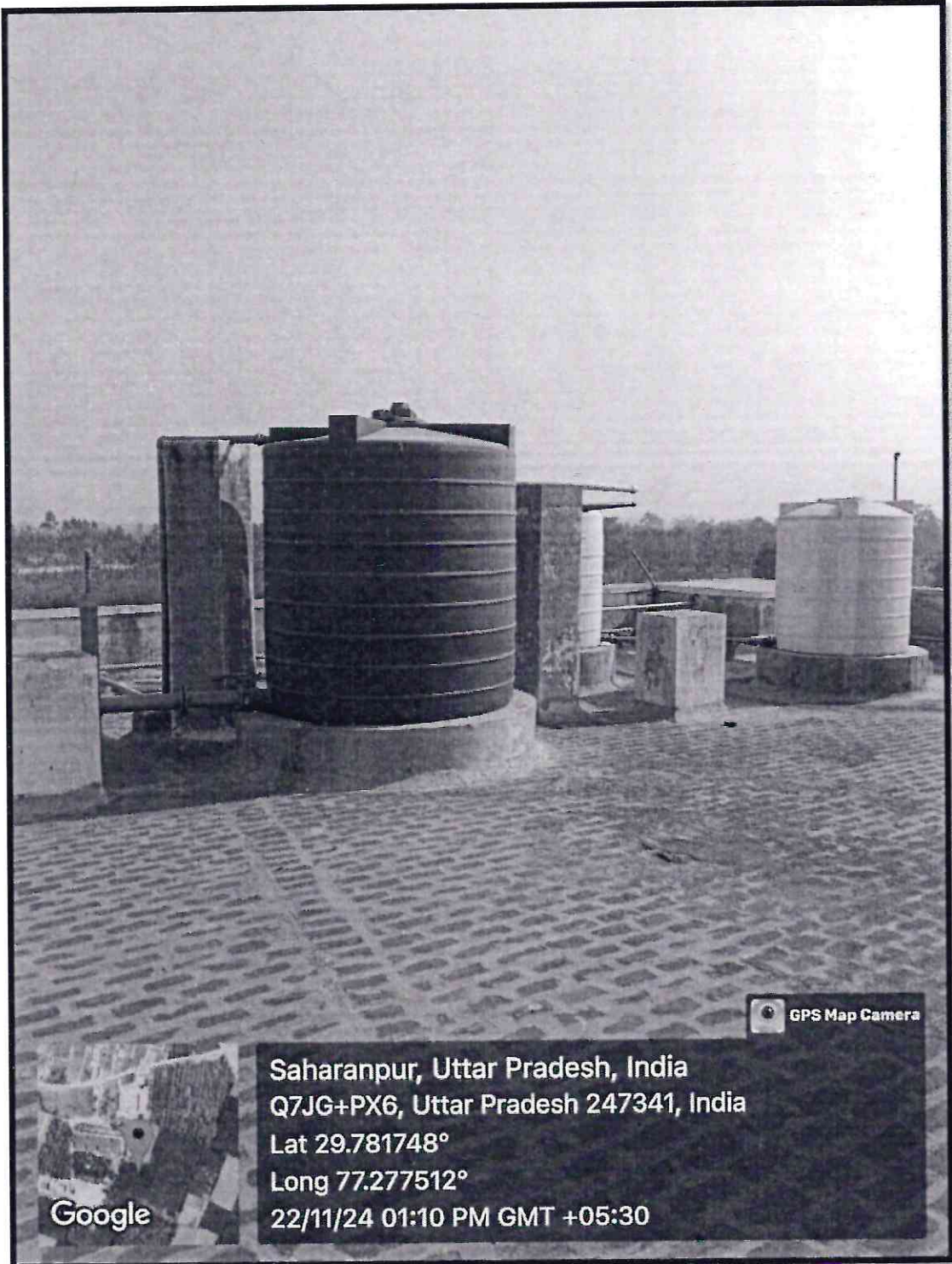
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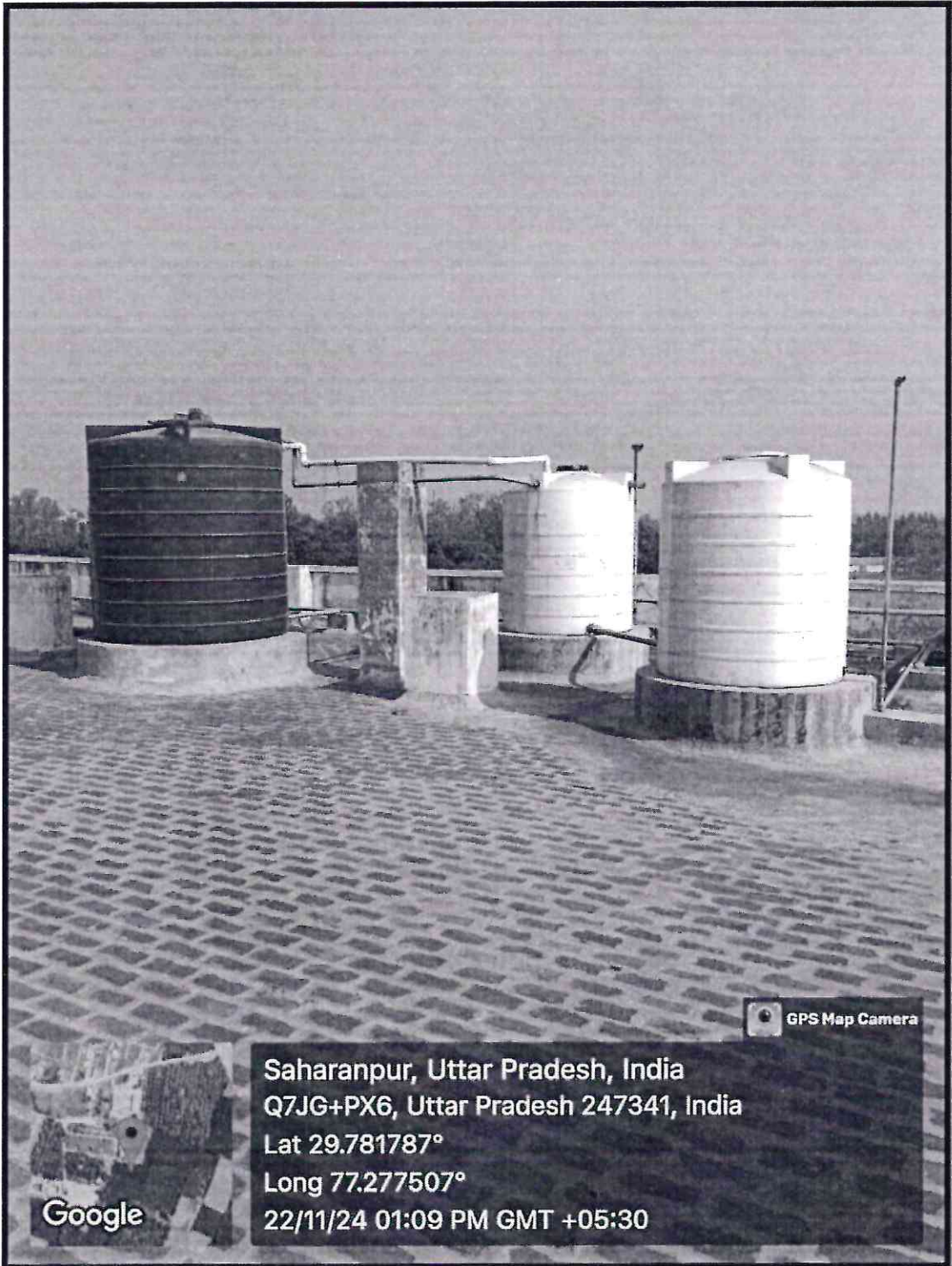
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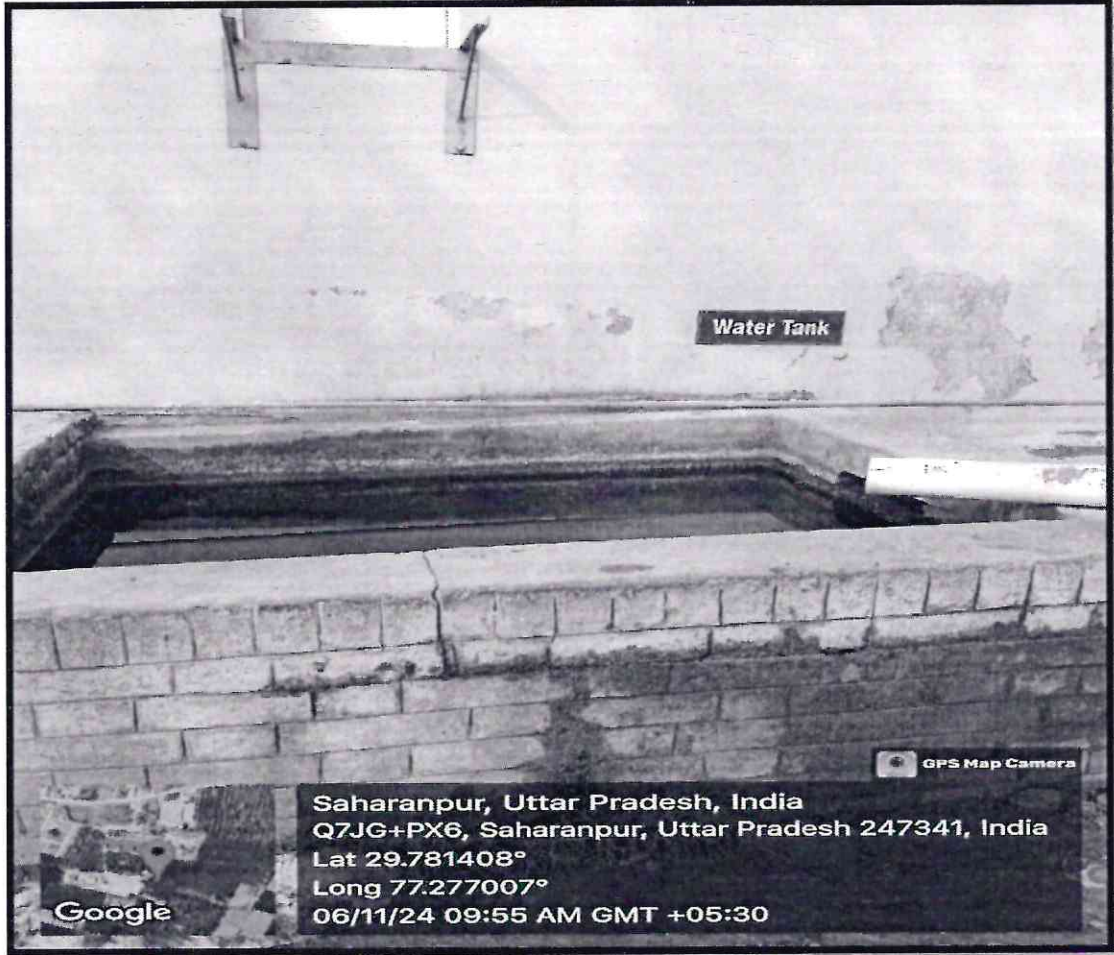
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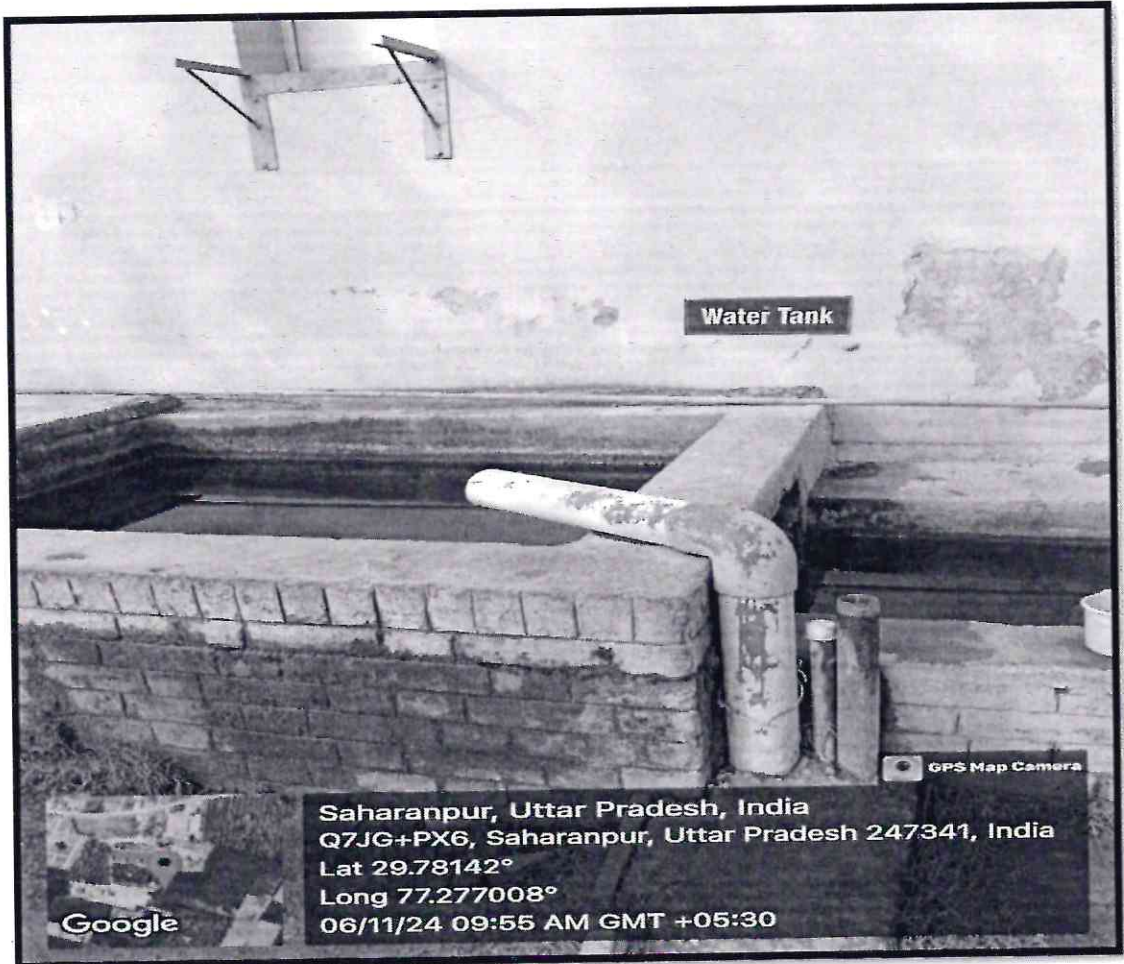
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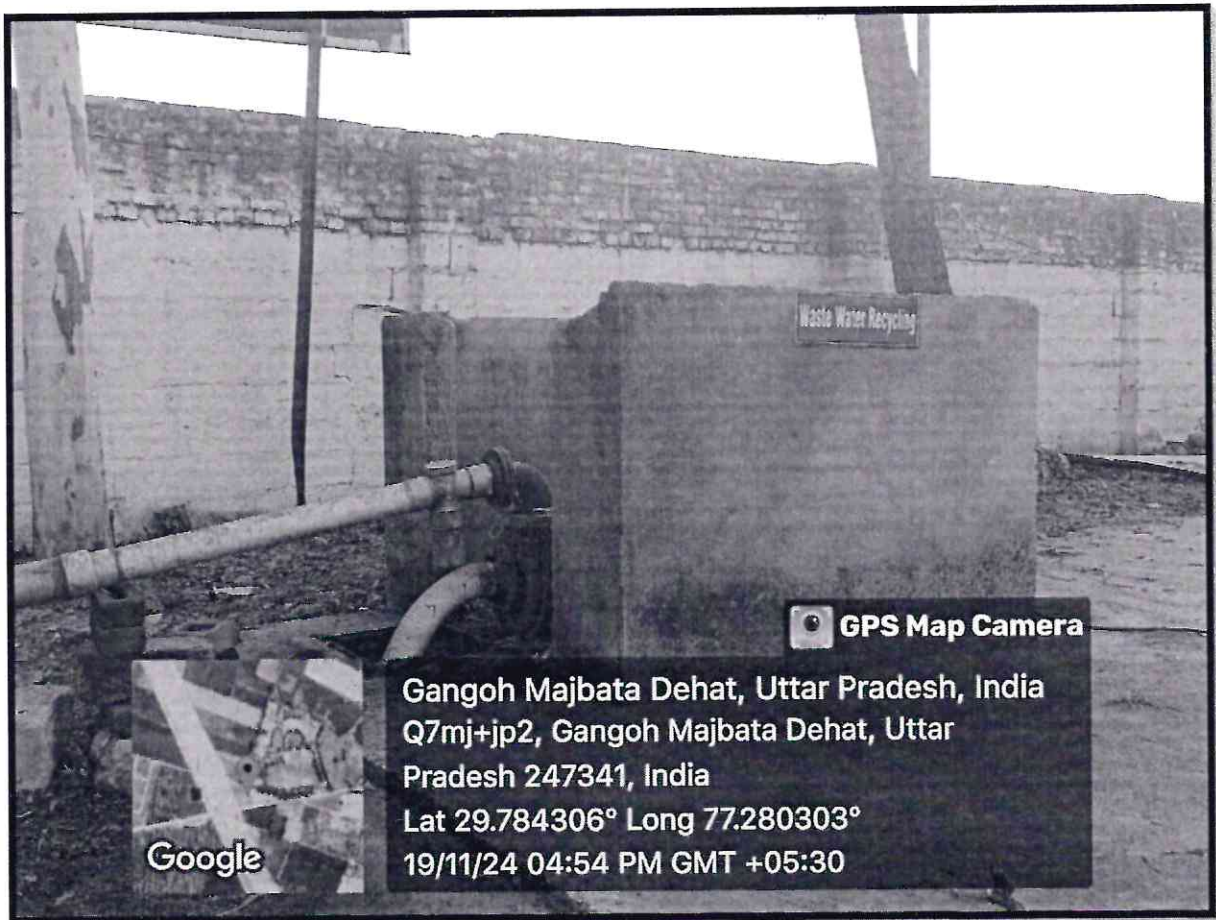
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#### 4. Waste water recycling

Shobhit University, Gangoh, has implemented a wastewater recycling system to promote sustainable water use. The campus operates a wastewater treatment plant (WWTP) that processes sewage through advanced methods like filtration and biological treatment. The treated water is reused for non-potable purposes, including irrigation, landscaping, and garden maintenance, helping to conserve freshwater resources.

The university also raises awareness about water conservation through student campaigns and practical demonstrations, fostering a culture of sustainability. This initiative not only reduces the campus's water footprint but also exemplifies eco-friendly practices in educational institutions.



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## 5. Maintenance of water bodies and distribution system in the campus

Shobhit University, Gangoh, emphasizes efficient water management through the upkeep of water bodies and distribution systems on campus. Regular cleaning of ponds and rainwater harvesting systems ensures groundwater recharge and prevents pollution. The university's advanced water distribution network is routinely inspected to prevent leaks and maintain quality.

Treated wastewater is recycled for landscaping, reducing water wastage. Additionally, the university promotes water conservation awareness among students and staff, fostering sustainable practices. These efforts reflect the institution's commitment to environmental responsibility and resource optimization.



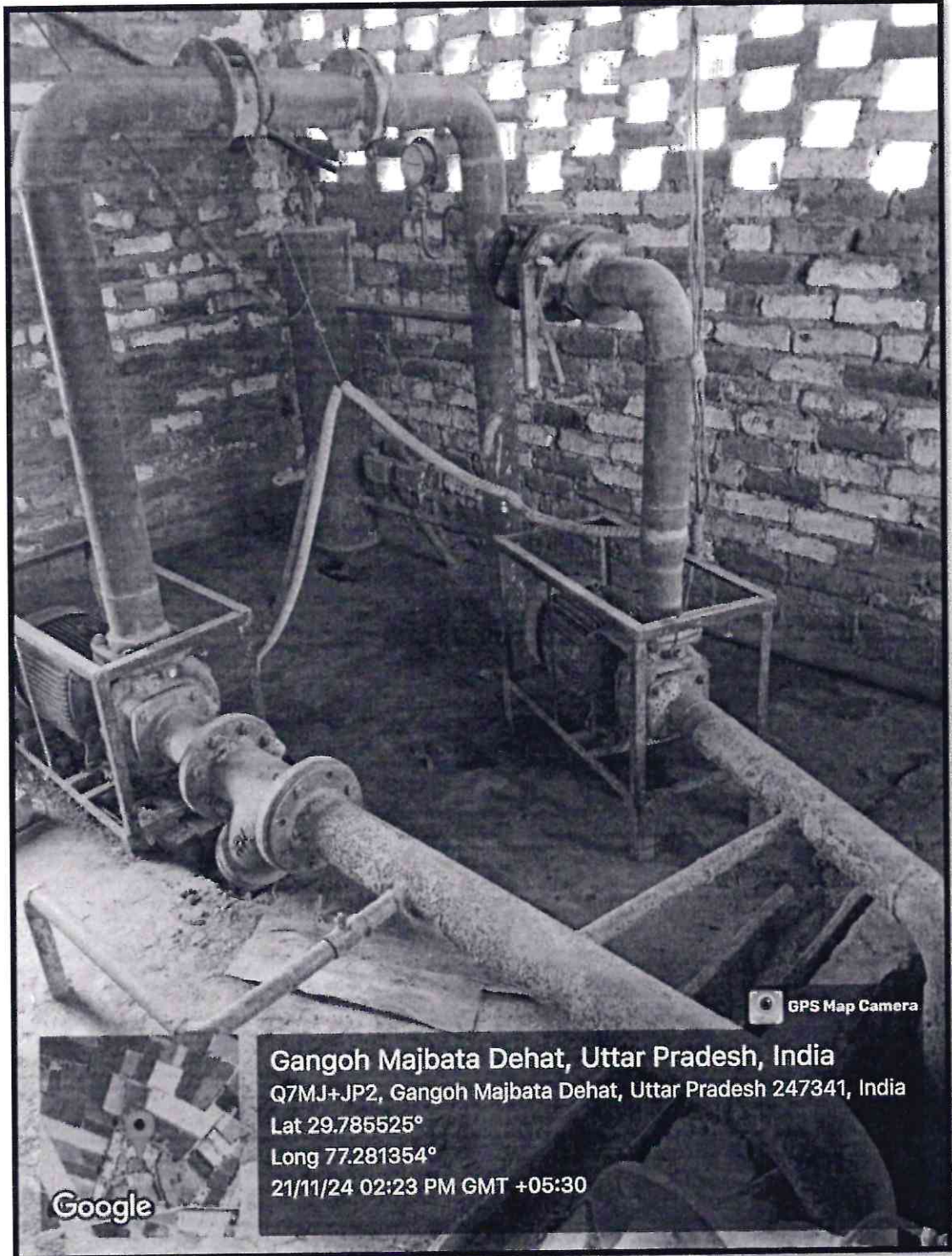
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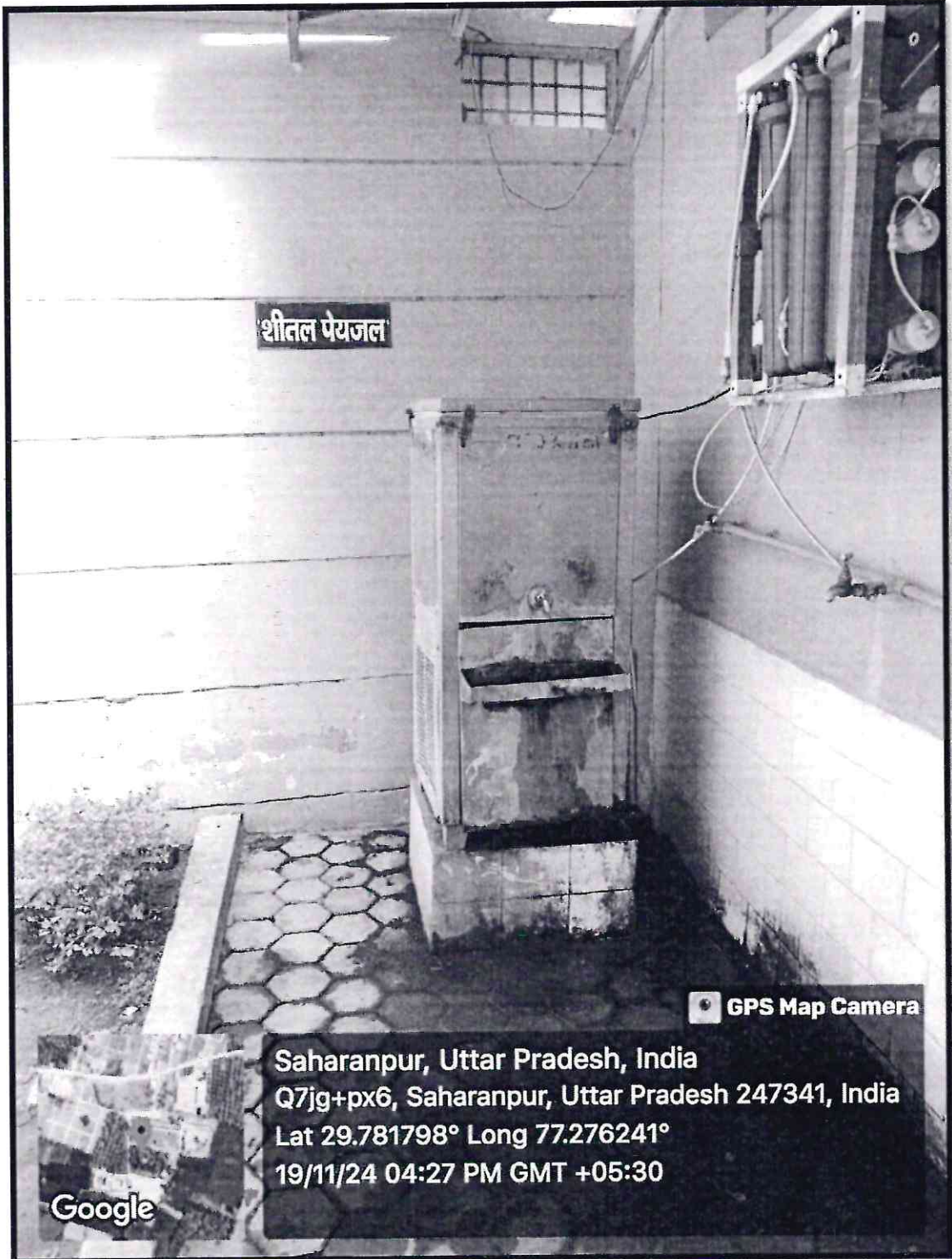
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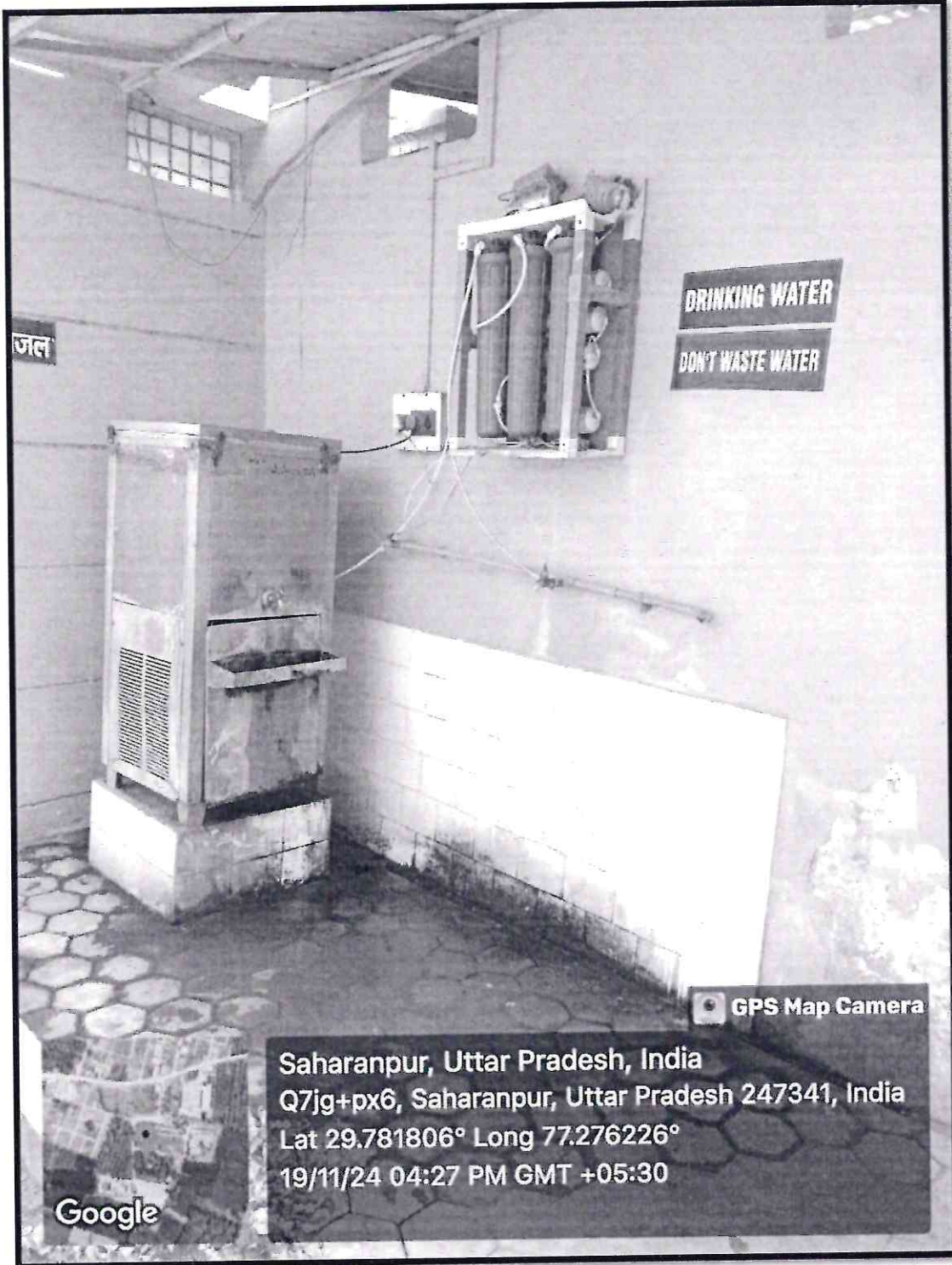
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