



**Dr. Bhimrao Ambedkar University Agra**

**Paliwal Park Agra -282004**

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## **SDG – 6: Clean Water and Sanitation**

**(Ensure Availability and Sustainable Management of Water and Sanitation for All)**

# **6 CLEAN WATER AND SANITATION**





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Dr. Bhimrao Ambedkar University, Agra is firmly committed to the realization of SDG 6 – Clean Water and Sanitation, ensuring the availability and sustainable management of water resources across its campus. The University has established a comprehensive and well-structured water supply and sanitation system that guarantees 24x7 access to safe drinking water in all academic blocks, administrative buildings, hostels and the arogya kendra through RO systems and a scientifically maintained distribution network. Regular chlorination, inspection of pipelines and the use of low-flow plumbing fixtures ensure microbial safety, prevent waterborne diseases and minimize water wastage. The campus water infrastructure, including overhead tanks and a planned distribution layout and reliable water management.



The University has strengthened its sanitation infrastructure through the installation of sewerage lines in collaboration with U.P. Jal Nigam. The establishment of a Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP) ensures that wastewater is treated efficiently.



Demand Notice of U.P. Jal Nigam



MoU between UP Jal Nigam and University



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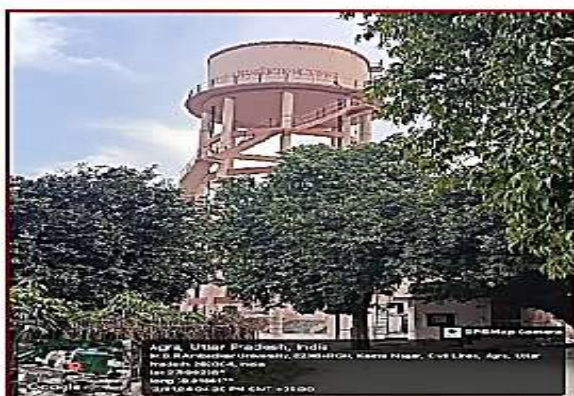
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Rainwater harvesting forms a key component of the University's water conservation strategy. Strategically constructed rainwater harvesting pits, terrace-based collection systems, and interconnected drainage channels facilitate effective groundwater recharge.



Bore-wells and open wells supplement the water supply and support plantation activities, while multiple water storage tanks ensure equitable distribution across the campus. The maintenance of water bodies and infrastructure is carried out through regular inspections, leak prevention measures, and chlorination processes, ensuring sustainability and hygiene.



**Tanks at University Campus**

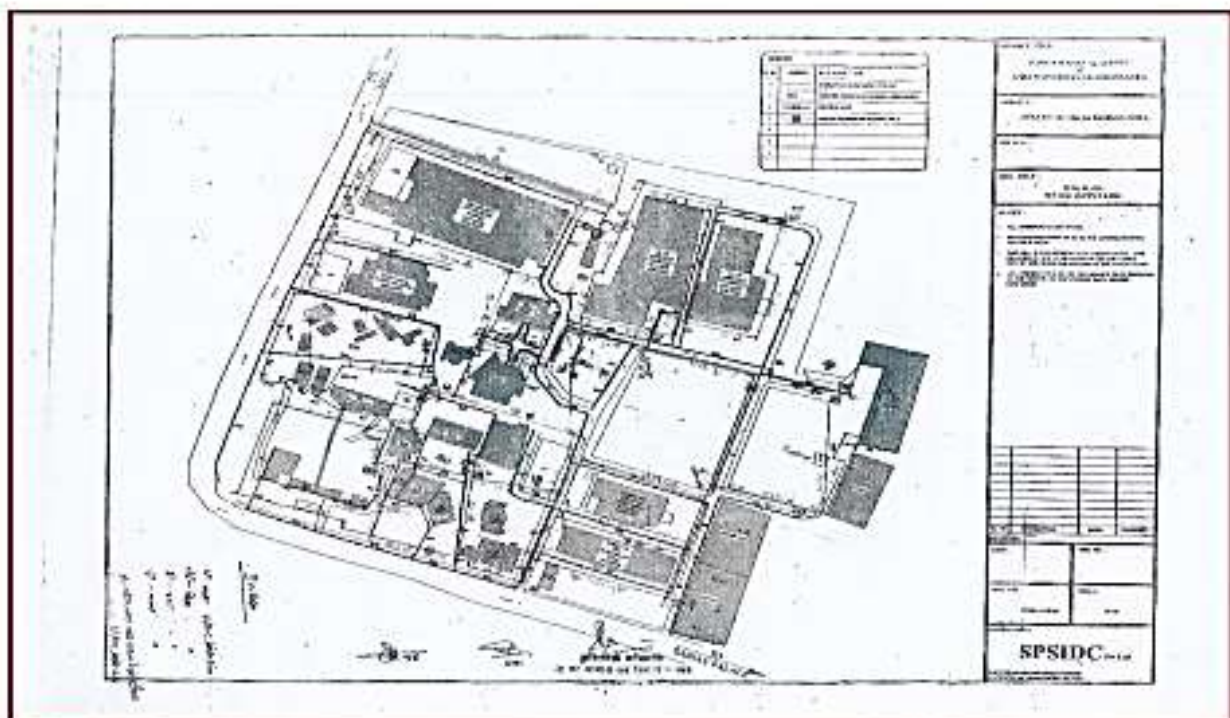
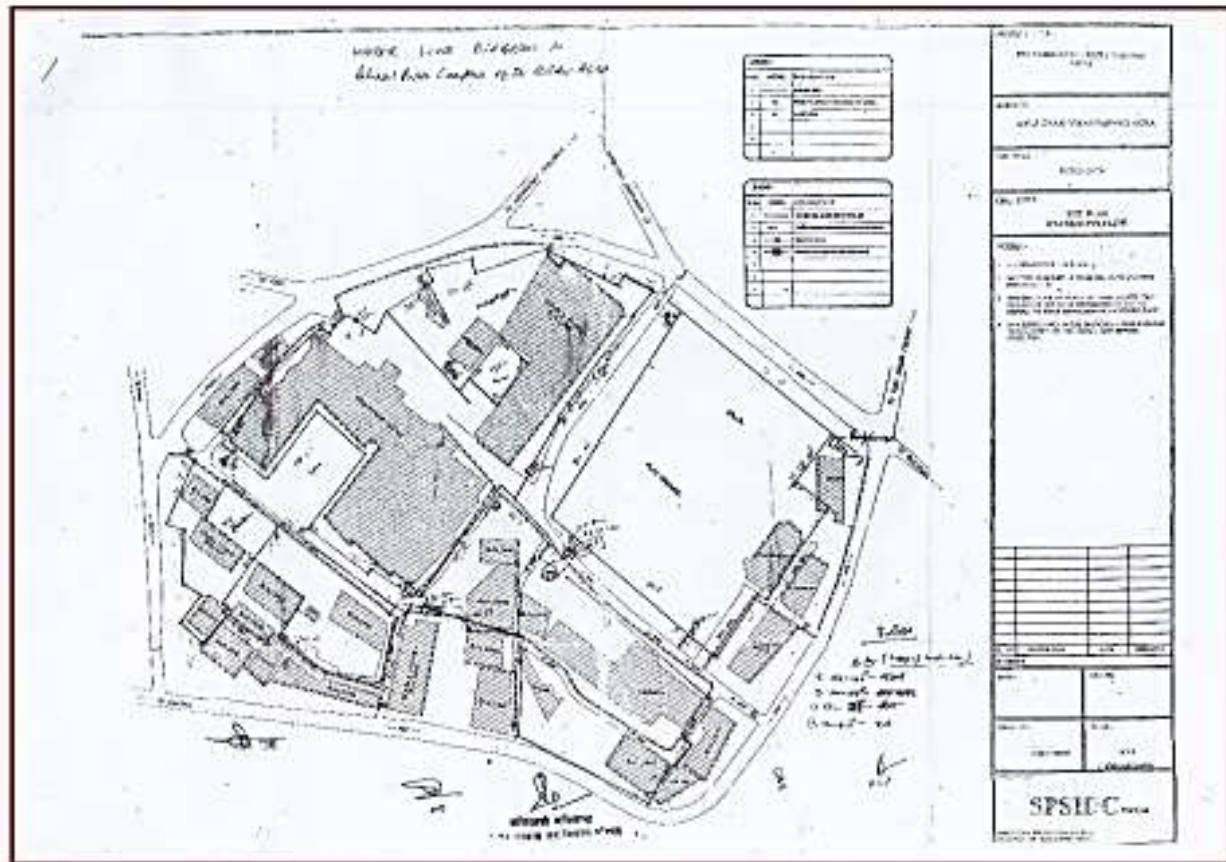
**Tanks at University Campus**



In addition to water management, the University implements a robust solid and biomedical waste management system. A three-bin segregation mechanism for biodegradable, non-biodegradable and hazardous waste is operational in all hostels and departments. Organic waste is processed through compost pits, while recyclable waste is managed in collaboration with Nagar Nigam Agra. Biomedical waste is collected separately in biohazard containers and transported through authorized agencies for safe disposal, ensuring strict adherence to statutory environmental norms.



Furthermore, sustainability awareness is integrated into academic and community initiatives through mandatory green practice courses, tree plantation drives and student participation via NSS and Eco-Task Force activities. Through its integrated infrastructure, environmental policies, waste management practices and community engagement efforts, Dr. Bhimrao Ambedkar University, Agra exemplifies a holistic and sustainable approach toward achieving SDG–6, contributing to a cleaner, healthier, and environmentally responsible campus.



Floor layout for water distribution / supply in University premises