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**CLEAN WATER
AND SANITATION**



In line with the Sustainable Development Goal “Clean Water and Sanitation,” Dr. Bhimrao Ambedkar University is fully committed to providing access to essential water, sanitation, and hygiene services both on campus and within the community. A key priority in this mission is the effective management of water and sanitation to promote a healthy future. All academic blocks, hostels, and hospitals at University are equipped with RO systems and proper sanitation facilities. Strict hygiene practices are followed in the hostels, dining areas, and the university hospital. The University has also taken significant steps to integrate green practices into its academic and non-academic operations. In laboratories, green practices are implemented, including the collection and safe disposal of chemical and biochemical waste through certified waste agencies. Labs are outfitted with fume hoods and glove boxes to ensure safe handling of hazardous materials. University’s Waste Management Policy ensures the segregation of solid waste into biodegradable (wet), non-biodegradable (dry), and hazardous categories. Wet waste is processed into compost, while dry waste is further segregated into recyclable and non-recyclable materials for proper disposal. An on-campus compost plant processes food and wet waste. The University also has a rainwater harvesting system in place to support water reduction, recycling, and reuse. Its sewage treatment plant (STP) and effluent treatment plant (ETP) ensure that treated water is reused for horticulture and flushing systems, while sludge is repurposed as manure. Biomedical waste is managed in compliance with statutory regulations, and hazardous chemicals and radioactive materials are handled following due protocols. The University implements a reduce, recycle, and reuse policy for water, employing sprinkler and drip irrigation systems where feasible. An automated water spray vehicle controls dust across the campus, and battery-operated vehicles facilitate eco-friendly transportation.

Initiatives like reusing paper and planting trees have significantly improved air quality and reduced pollution. Student-led organizations, including NSS and the Eco-Task Force, actively participate in green practices to protect the environment. To further enhance sustainability, the University has banned smoking and open burning on campus. A mandatory three-credit course on green practices, focusing on the conservation of natural resources and environmental protection, is part of the curriculum. Additionally, the Community Connect course raises awareness on issues such as pollution and its mitigation within the local community. Large-scale tree planting has noticeably lowered campus temperatures, and rainwater harvesting, structured waste management, and other conservation efforts have contributed to a cleaner, greener campus with reduced operational costs. The active participation of students in these environmental efforts bodes well for a future of improved sanitation, water quality, and sustainability.

Liquid Waste Management

The University has undertaken the installation of sewerage lines, a crucial infrastructure project aimed at enhancing sanitation and environmental sustainability on campus. The initiative was made possible through collaboration with the UP Jal Nigam, with a total investment of 167.45 Lacs. This infrastructure upgrade not only contributes to the overall cleanliness and hygiene of the University but also aligns with broader environmental goals, promoting efficient wastewater management and reducing pollution.

कार्यालय परियोजना प्रबंधक, यमुना प्रदूषण नियंत्रण इकाई, उ०प्र० जल निगम
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पत्रांक २५७ / प्राक्कलन / १० दिनांक २९.३.१९

सेवा में,
कुल सचिव,
डॉ० भीमराव अम्बेडकर विश्वविद्यालय,
आगरा।

विषय- विश्वविद्यालय के खंदारी परिसर की सीवर लाइन डालने के सम्पूर्ण कार्य का पुनरीक्षित प्राक्कलन उपलब्ध करने के सम्बंध में।

महोदय,
उपरोक्त विषयक विश्वविद्यालय के खंदारी परिसर की सीवर लाइन डालने हेतु नगर आयुक्त, नगर निगम, आगरा महोदय के पत्रांक 400/D/NA/17, दिनांक 06.11.2017 के अनुसार विश्वविद्यालय अभियंता द्वारा खंदारी परिसर में बताये गये स्थानों पर सीवर लाइन डालने हेतु रु० 89.33 लाख का प्राक्कलन पूर्व में इस कार्यालय द्वारा माह जुलाई-2018 में प्रेषित किया गया था। जिसके संदर्भ में वर्तमान में विश्वविद्यालय के पत्रांक इंजी० 908, दिनांक 07.03.2019 के अनुक्रम में दिनांक 07.03.2019 को ही इस कार्यालय के परियोजना अभियंता एवं सहायक परियोजना अभियंता द्वारा विश्वविद्यालय के अभियंता श्री हरिमोहन शर्मा के साथ संयुक्त रूप से खंदारी परिसर के निरीक्षण में पूर्व में प्रस्तावित कार्यों हेतु प्रेषित प्राक्कलन के अतिरिक्त परिसर के सभी शौचालयों को सीवर लाइन से संयोजन करने, सम्पवैल के नवीनीकरण, प्रस्तावित सीवर लाइन को जल संस्थान की सीवर लाइन से संयोजन करने इत्यादि कार्यों हेतु भी प्राक्कलन प्रेषित करने हेतु अवगत कराया गया है।

अतः उपरोक्तानुसार विश्वविद्यालय अभियंता के साथ दिनांक 28.03.2019 को दूरभाष पर हुई वार्ता के अनुसार पूर्व प्रेषित प्राक्कलन अनुमानित लागत रु० 89.33 लाख के विरुद्ध घनावंटन कराने का कराने का कष्ट करें ताकि अग्रतर कार्यवाही की जा सके।

भवदीय
(लोकेश शर्मा)
परियोजना प्रबंधक

पु०सं० एवं दिनांक उपरोक्तानुसार।
प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
1. महाप्रबंधक, यमुना प्रदूषण नियंत्रण इकाई, उ०प्र० जल निगम, आगरा।

परियोजना प्रबंधक

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CIVIL COURT, AGRA

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MEMORANDUM OF UNDERSTANDING

THIS Memorandum of Understanding is made at AGRA on this 18 day march month 2023 between Finance Officer Dr. B.R.A. University, Agra (Hereafter called "The Client" which expression shall unless repugnant to the context thereof include its successor-in-office and assion of one part and "Project Manager. Construction Unit U.P. Jal Nigam (Nagriya) Agra." (Here-inafter called the construction Unit U.P. JAL NIGAM which expression shall unless repugnant to the context there of include its successor assigns) of the other part. Whereas at the proposal of the "Client" the construction Unit U.P. JAL NIGAM (Nagriya) is executing "डिजाइजिड कार्यक्रमान्तर्गत आगरा के बी० आर० अम्बेडकर यूनिवर्सिटी, खंदारी कैम्पस, खंदारी आगरा योजना (UTT-DEP-CU-AGR-001-1)", amounting to Rs. 167.45 Lac (Here

Dr. Bhimrao Ambekar University
Finance Officer

Executive Engineer
Construction (IIT)

Statutory Alert:
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Demand Notice of U.P. Jal Nigam

MoU between UP Jal Nigam and University

Waste Recycling System

The University aims to foster a waste recycling movement through artistic innovation, utilizing waste materials to generate creative ideas. Additionally, it aims to bolster interpersonal skills to generate value from waste, contributing to environmental sustainability.



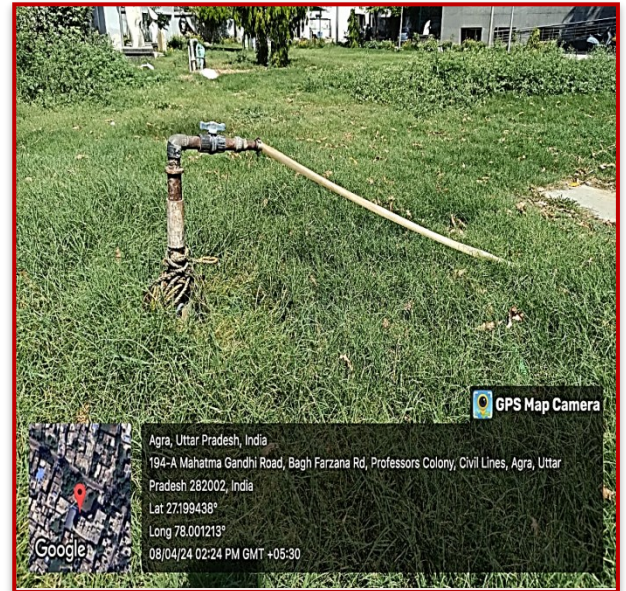
Artifacts crafted from scrap iron showcased at Sanskriti Bhawan

Bore-well / Open Well Recharge

The University has supplemented its water supply by constructing bore wells to meet various water needs across the campus. Furthermore, in certain areas, open wells have been established specifically for cultivation and plantation purposes, further enhancing the University's sustainable water management efforts.



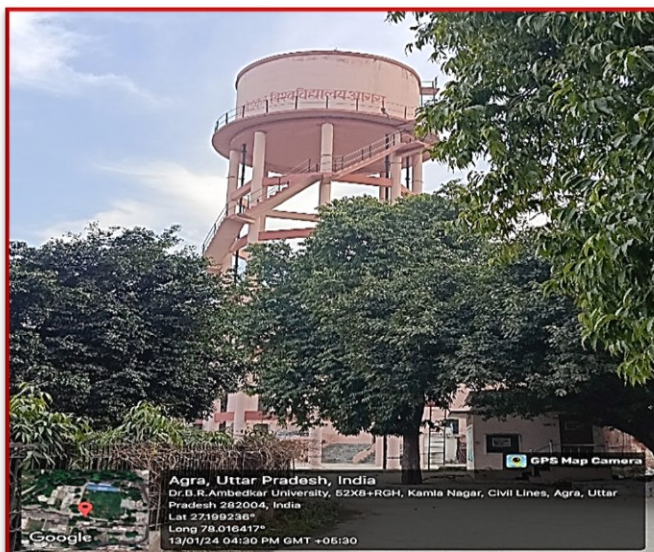
Borewell at University Campus



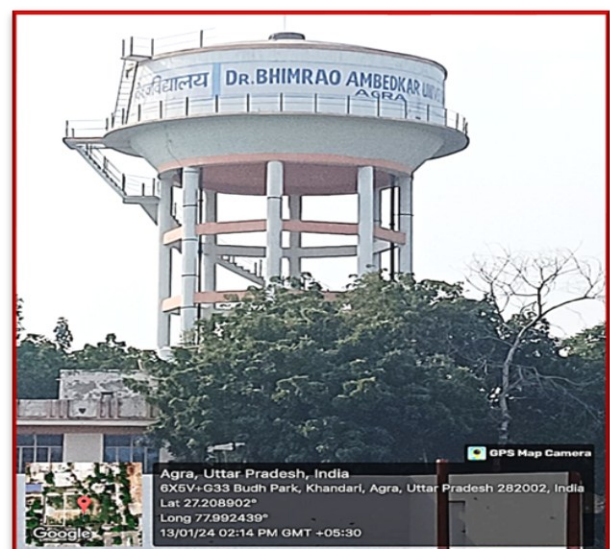
Borewell at University Campus

Construction of Tanks and Bunds

The University has erected multiple water storage units to facilitate its water distribution system. These units receive water from municipal corporation stores and subsequently distribute it to various campus buildings, including academic facilities, administrative offices, and hostels. The University boasts an exemplary water distribution network, ensuring reliable access to water across its infrastructure.



Tanks at University Campus



Tanks at University Campus

Rainwater Harvesting

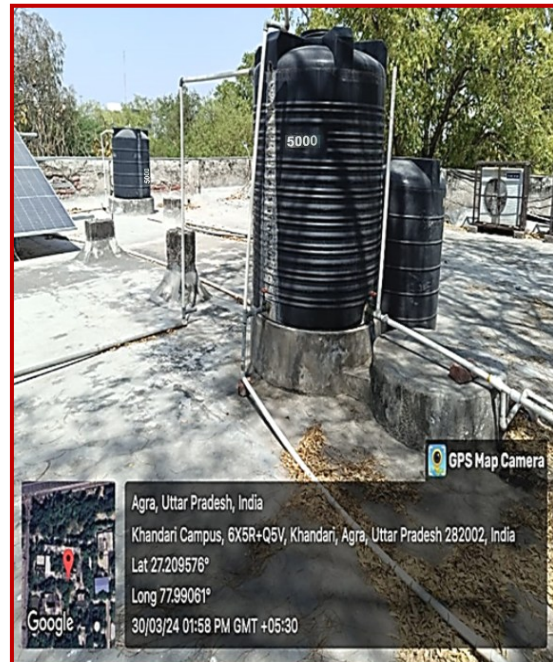
The University has implemented a comprehensive rainwater harvesting system across its campus to secure groundwater supply. Strategically positioned gathering pits, constructed to industry standards, facilitate rainwater collection at multiple locations. Wide shallow ditches traverse the campus, directing rainfall for conservation. Additionally, all open terraces feature rainwater collection pipes connected to planned drains, ensuring efficient water capture. Building drainage is directed to lower floors through external drains, contributing to effective rainwater management.



Rainwater Harvesting Pits

Maintenance of Water Bodies and Distribution System

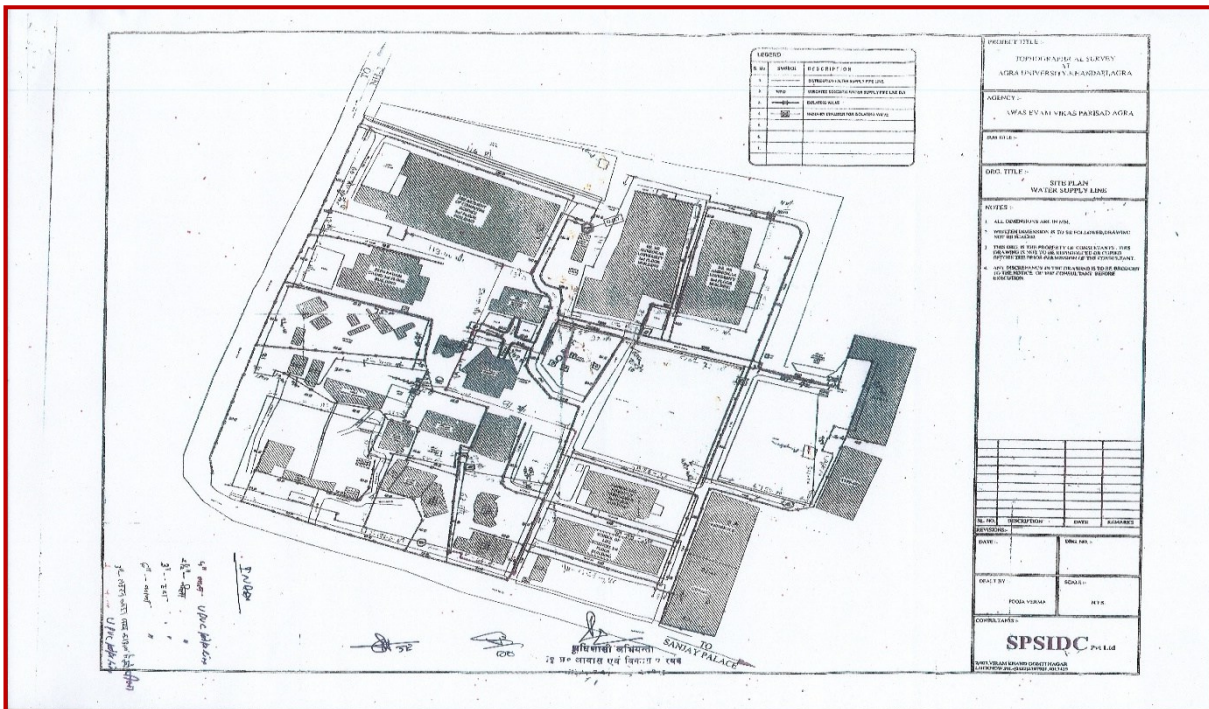
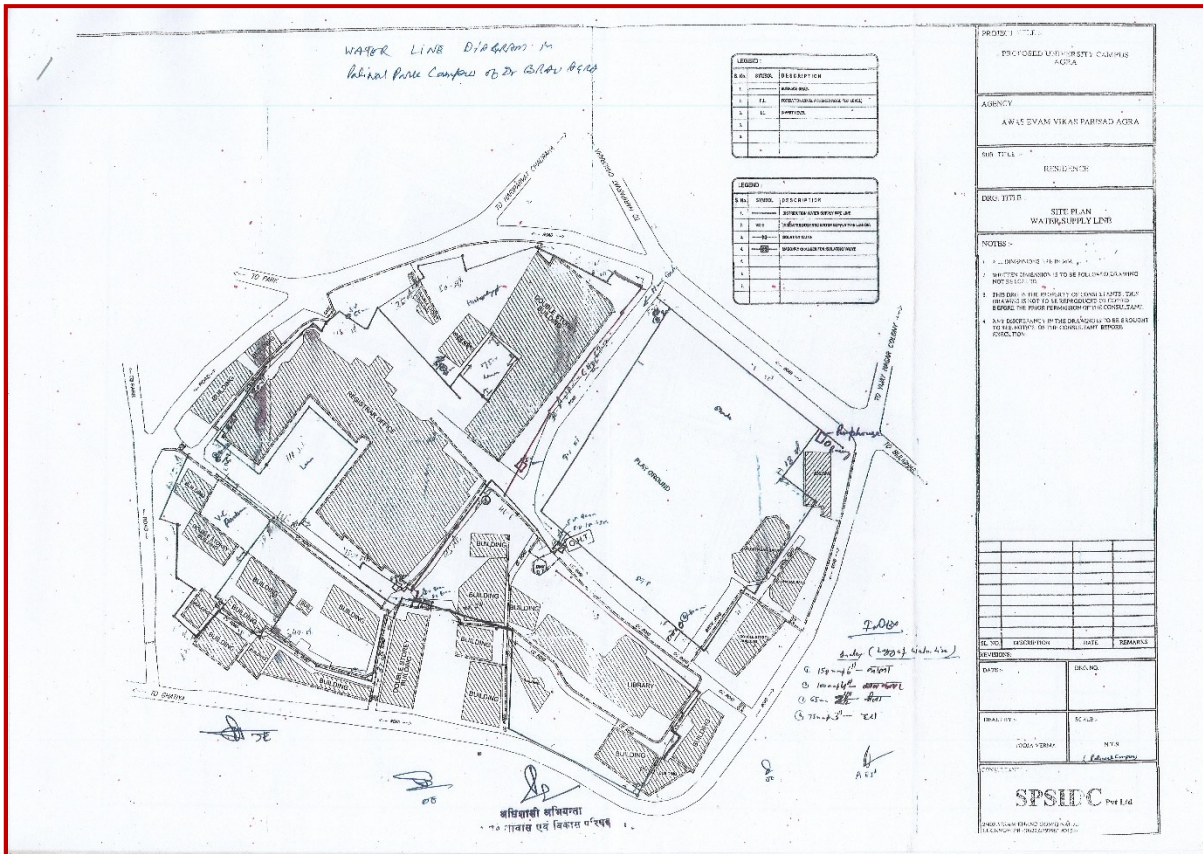
The University maintains a meticulously upheld water distribution system, ensuring sustainable, reliable, and safe water provision across campus. Regular maintenance focuses on disease prevention, employing chlorination to eradicate harmful microorganisms and curb waterborne diseases like cholera and typhoid. Water is distributed through a well-equipped pipe network. Low-flow plumbing fixtures are utilized to minimize water wastage. Scheduled machinery inspections prevent leaks and conserve water. Overall, the system is closely supervised by University authorities to ensure its effective operation.



Rainwater Harvesting Pits at different location of university



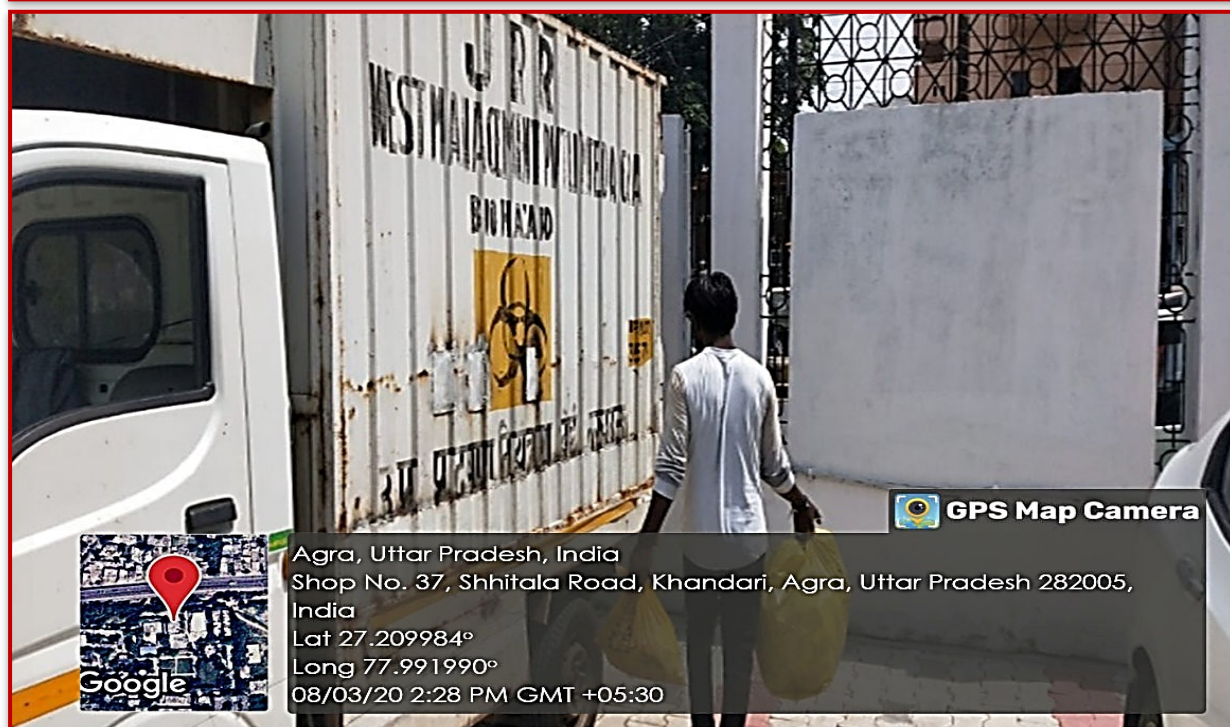
Water distribution Tanks



Floor layout for water distribution / supply in University premises

Biomedical waste

Biomedical waste undergoes a stringent collection process to ensure it remains separate from other types of waste. Managed by Environment Waste Connections, this waste is deposited into biohazard waste boxes. Once filled, these boxes are sealed, appropriately labelled, and then transported in closed container vehicles to undergo proper treatment.



Collection of biomedical waste



Compost Pit



Solid waste collection in University premises in collaboration with Nagar Nigam Agra



Solid Waste Bins