



NETAJI SUBHAS UNIVERSITY JAMSHEDPUR

(A Unit of Sitwanto Devi Mahila Kalyan Sansthan)

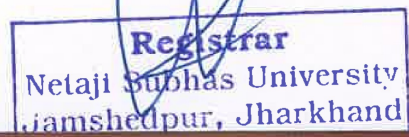
Estd. Under Jharkhand State Private University Act, 2018

Construction of Tanks and Bunds

At Netaji Subhas University (NSU), Jamshedpur, the **Construction of Tanks and Bunds** is a strategic infrastructural measure designed to optimize water storage and manage surface runoff effectively across the undulating terrain of the campus.

Storage Tanks (Segregated Infrastructure): The university has established a robust network of 10 overhead water storage tanks with capacity of 2000 litre each. A key feature of this infrastructure is segregation. Distinct tanks are designated for potable water (treated via RO) and non-potable water (raw borewell water or recycled RO reject water). This separation ensures that high-quality water is reserved for drinking and sanitation, while stored secondary water is efficiently utilized for gardening and cleaning, thereby reducing the stress on fresh groundwater extraction.

We have a separate tank system for drinking as well as bore water for the convenient usage. Water from the bore well, open well and other water bodies are collected through the pipes and stored in the tank (at every block). Maintenance department of the college taking responsible for cleaning the tanks regularly as per the Government norms. The proper Bunds are constructed in the campus and used for retaining the water, creating obstruction and thus to control erosion. Bunds can be used to hold rainwater in lightly sloping plains and to ensure that bunds continue to provide the necessary protection against leaks and spills etc. Hence bunds should be assessed periodically to ensure that they continue to provide sufficient integrity around the campus.





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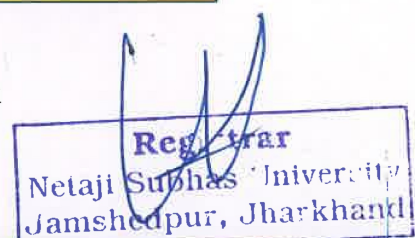
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Together, these facilities demonstrate NSU's commitment to structural water conservation and sustainable land managemt. While "bunds" are typically associated with large agricultural campuses, NSU addresses this through strategic storage infrastructure to manage surface runoff.

- **Storage Tanks:** The University has installed ample overhead and underground storage tanks to segregate water types (freshwater vs. treated/recycled water). This segregation allows for the strategic use of lower-quality water for cleaning and gardening without tapping into fresh drinking supplies.
- **Runoff Management:** The campus landscaping is designed to act as natural containment (soft bunds) where excess rainwater is held temporarily in garden beds to allow for natural percolation, preventing rapid runoff that causes soil erosion.



Water Tank: Shaheed Sukhdev Block



NSU (CAMPUS): Pokhari, Bhilai Pahari, PS: MGM, Dist. East Singhbhum, Jamshedpur - 831012

Toll Free No: 1800 8899 022

NSU (CITY OFFICE): 4th Floor, Shatabdi Tower, Sakchi, Jamshedpur - 831001

Landline No: 0657 2233 022

Visit: www.nsuniv.ac.in | Mail us on: info@nsuniv.ac.in

NSU Office No: 9835 203 429



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Water Tank: Shaheed Bhagat Singh Block



Water Tank: Chandra Shekhar Azad Block

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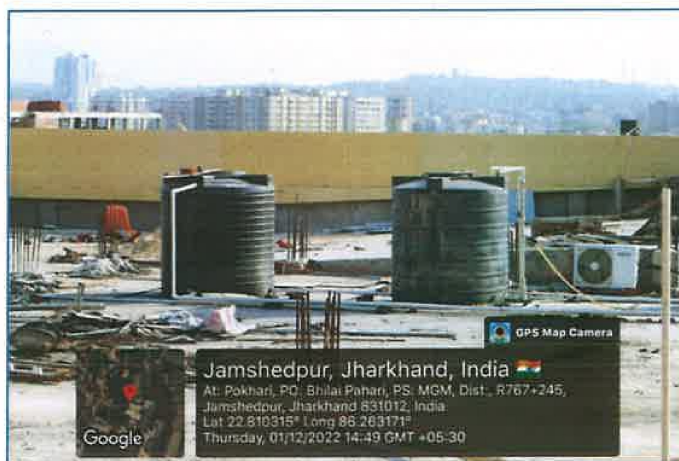


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