



Institute of Engineering & Management

Salt lake Electronics Complex, Kolkata - 700 091, WB, India

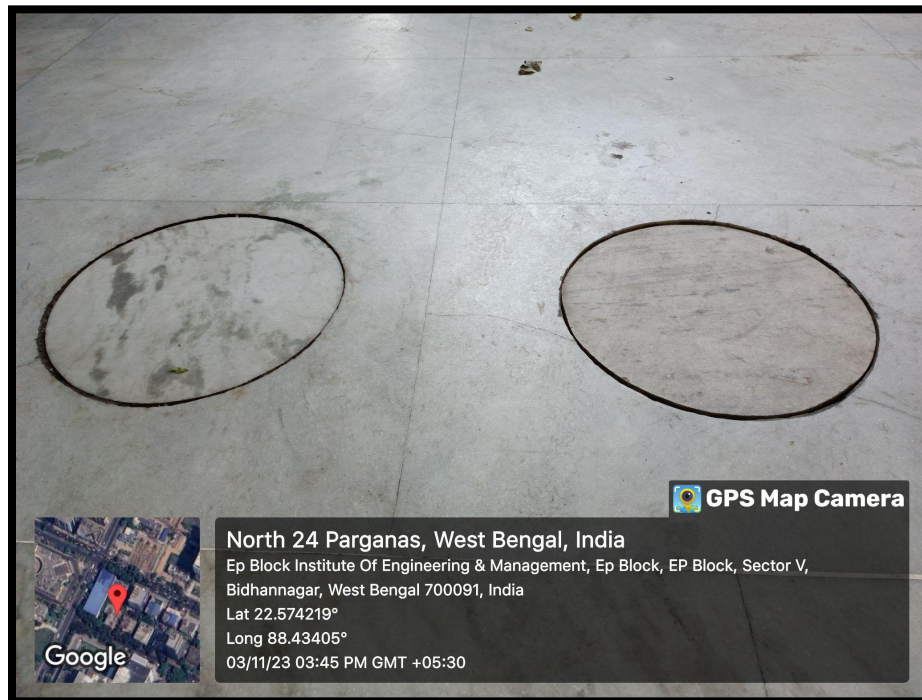
Tanks and Bunds

The Institute of Engineering & Management (IEM) stands at the forefront of sustainable and effective water management with its meticulously designed system of tanks and bunds. This integrated infrastructure not only addresses the challenges of water clogging but also ensures the smooth and efficient drainage of excess water, reflecting the institution's commitment to creating a resilient and well-maintained campus environment.

At the heart of IEM's water management strategy is the implementation of a well-connected system of tanks and bunds. This innovative approach is a testament to the institution's dedication to addressing the intricate challenges posed by water accumulation, particularly during periods of



heavy rainfall or other instances of heightened water influx. The interconnected network of tanks and bunds serves as a robust and cohesive framework, strategically positioned to manage water clogging seamlessly.



Bunds, essentially embankments or barriers, play a crucial role in controlling and confining water within specified areas. The strategic placement of bunds across the campus creates a comprehensive and organized drainage system. These bunds work in harmony with a series of interconnected tanks,

forming a symbiotic relationship that effectively channels excess water away from critical areas. The result is a proactive and systematic approach to water management that significantly minimizes the disruptions and inconveniences associated with waterlogging.

One of the key features of IEM's water management infrastructure is the connectivity between tanks. This ensures a continuous flow of water from one tank to another, facilitating the efficient movement of excess water throughout the campus. The interconnected tanks act as reservoirs, strategically placed to capture and store excess water during periods of heavy precipitation. This water is then gradually released, preventing



waterlogging and maintaining a balance in the campus's water distribution.

The primary objective of this integrated system is to prevent waterlogging in critical areas of the campus. Waterlogging, often a result of poor drainage systems, can lead to a range of issues, including damage to infrastructure, disruption of regular activities, and safety hazards. IEM's approach addresses these concerns by channeling excess water into designated tanks through a well-designed network of bunds. This ensures that water is efficiently managed, preventing its accumulation in vulnerable areas and safeguarding the integrity of the campus infrastructure.



The effectiveness of IEM's water drainage system is further underscored by its seamless integration into the overall campus design. The tanks and bunds are strategically placed to complement the natural topography of the area, maximizing their efficiency in water management. This thoughtful integration not only enhances the aesthetic appeal of the campus but also optimizes the functionality of the water management system.

Beyond the technical aspects, the success of IEM's water management system lies in its ability to create a conducive and safe environment for the academic community. By proactively addressing water clogging challenges, the institution ensures that the campus remains resilient to adverse weather conditions, allowing students, faculty, and staff to focus on their academic pursuits without disruptions.

The commitment to sustainable water management extends beyond mere drainage solutions. IEM has also incorporated measures to ensure the quality and cleanliness of the stored water within the tanks. Regular maintenance, cleaning, and periodic chlorination are integral components of the institute's water management practices. This dedication to water quality not only aligns with environmental stewardship but also promotes the health and well-being of the campus community.

In conclusion, the Institute of Engineering & Management's well-connected system of tanks and bunds exemplifies a holistic and proactive approach to water management. The institution's commitment to addressing water clogging challenges and ensuring the efficient drainage of excess water reflects a dedication to creating a resilient, sustainable, and student-friendly campus environment. IEM sets a commendable example for educational institutions, emphasizing the importance of integrating thoughtful water management strategies into overall campus planning for a brighter and more sustainable future.



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