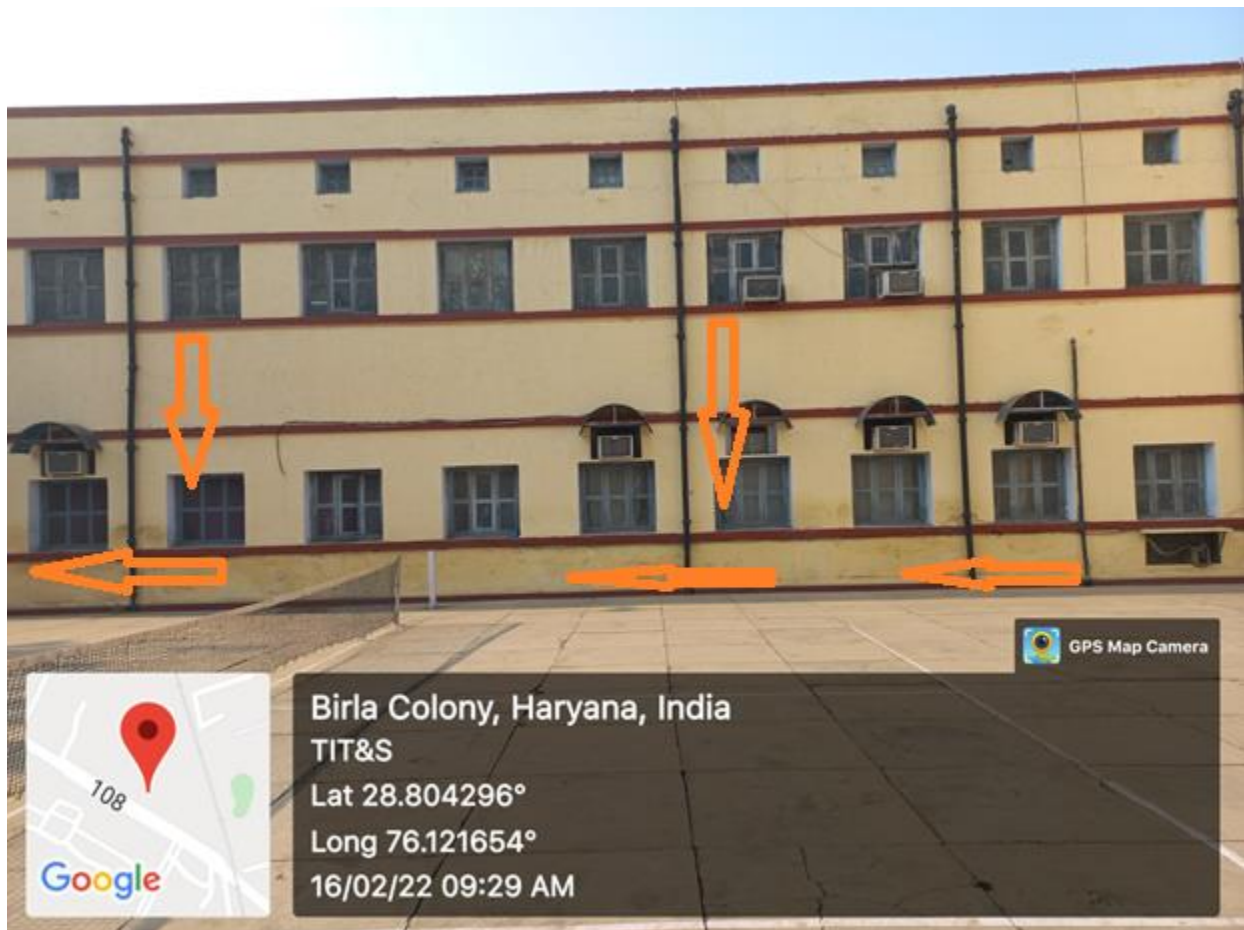


Rain Water Harvesting System:

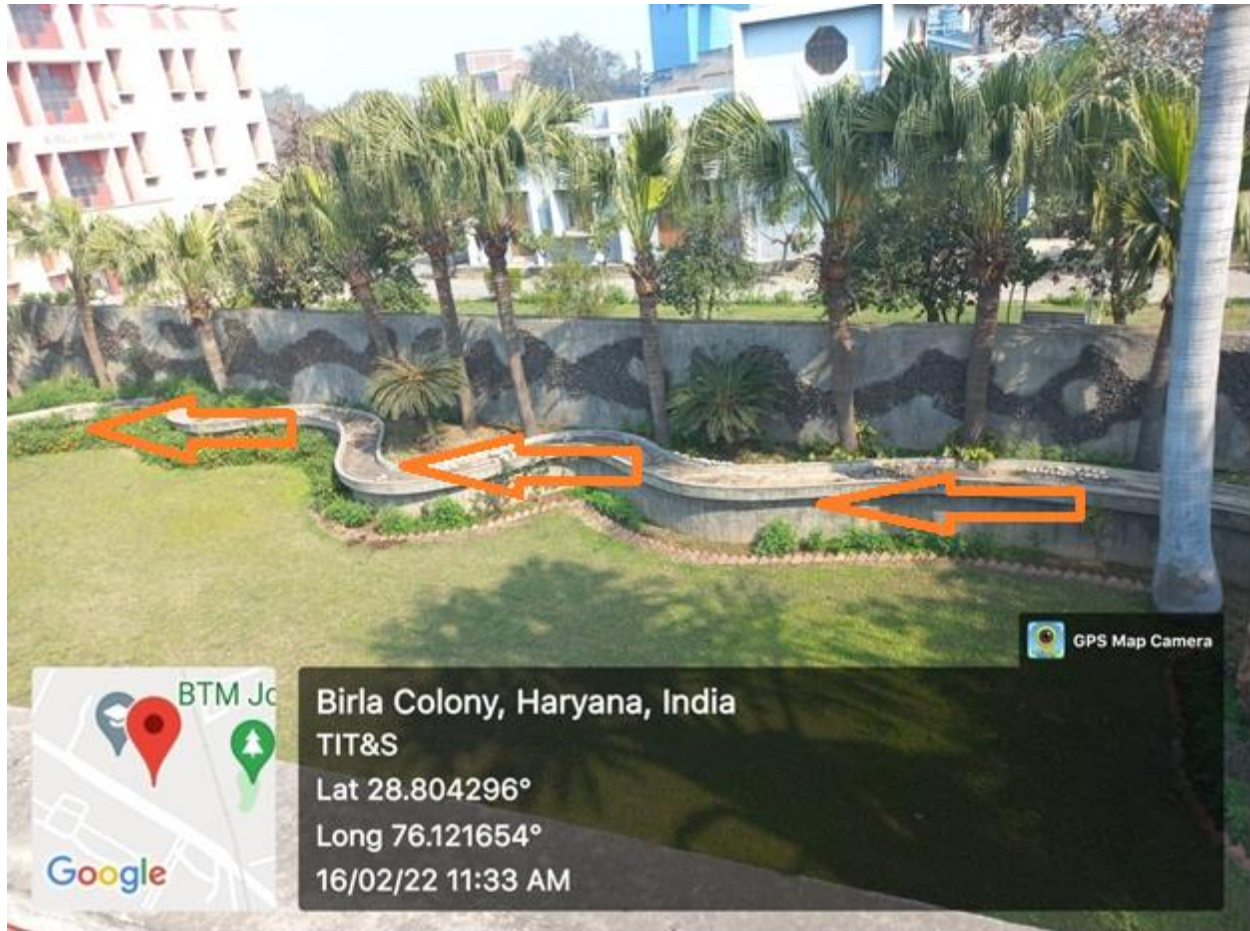
As stated in the beginning the institution has maintained a Rain Water Harvesting System for long. Since the area used to face water problems some decades back, the system was built in such a way that no rainwater is wasted, whether it is water down the spouts from rooftop or the water spilling on surface. The institute collects entire surface rainwater in a big reservoir and utilizes the same for multiple purposes.



The rainwater from spouts travels through these specially created drain channels to the reservoir



The heavy flow of rainwater from roof travels through these meandering drains (to avoid squalor) to the reservoir



In the area adjacent to its old building the institute collects rainwater from roof top into three substantially large underground tanks(representative diagram provided below) to be pumped as and when required for multiple purposes.

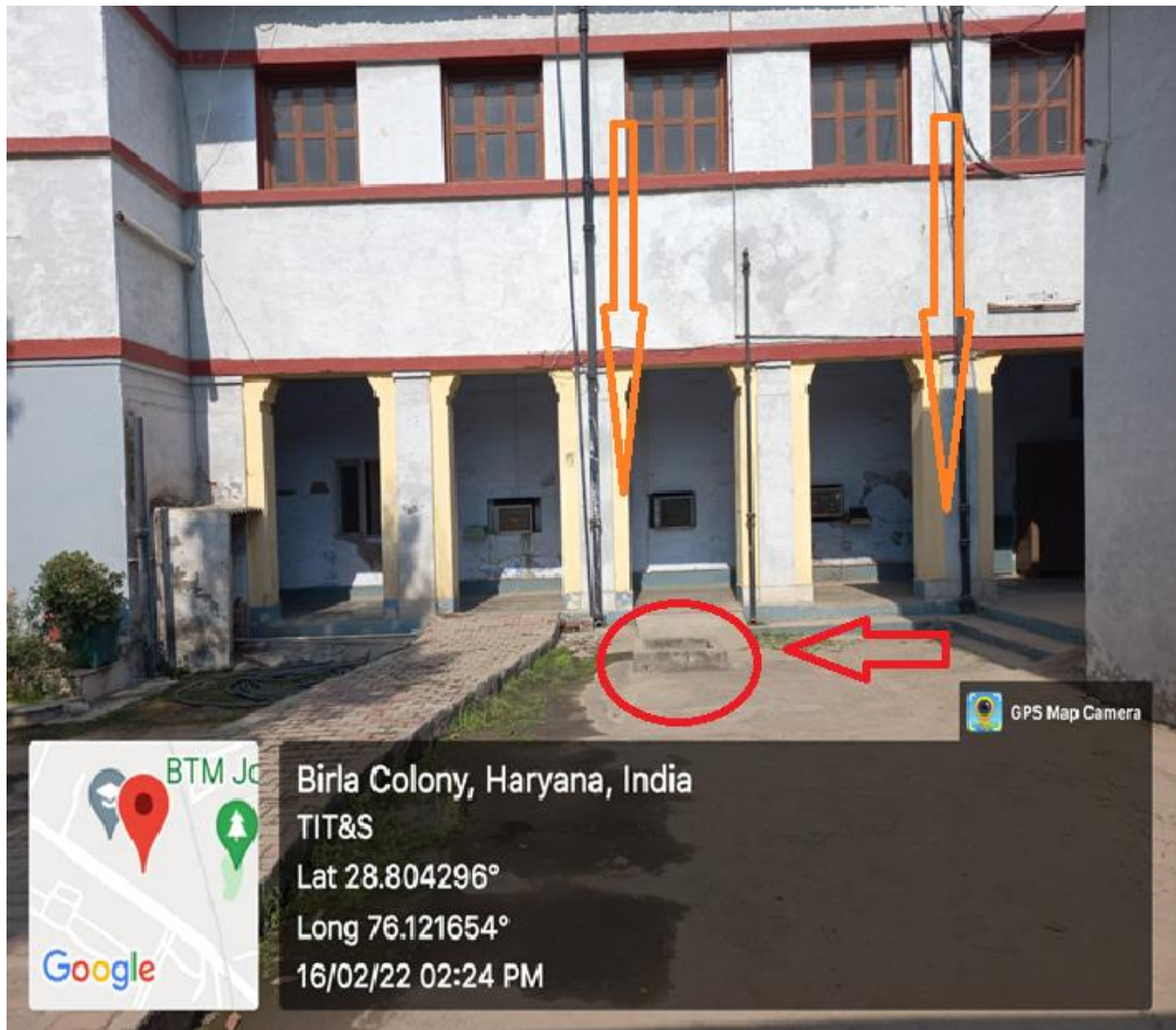
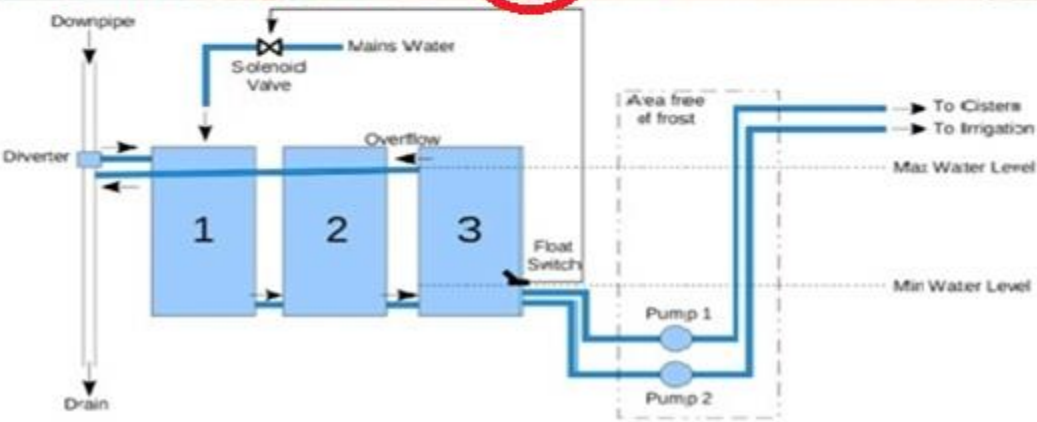


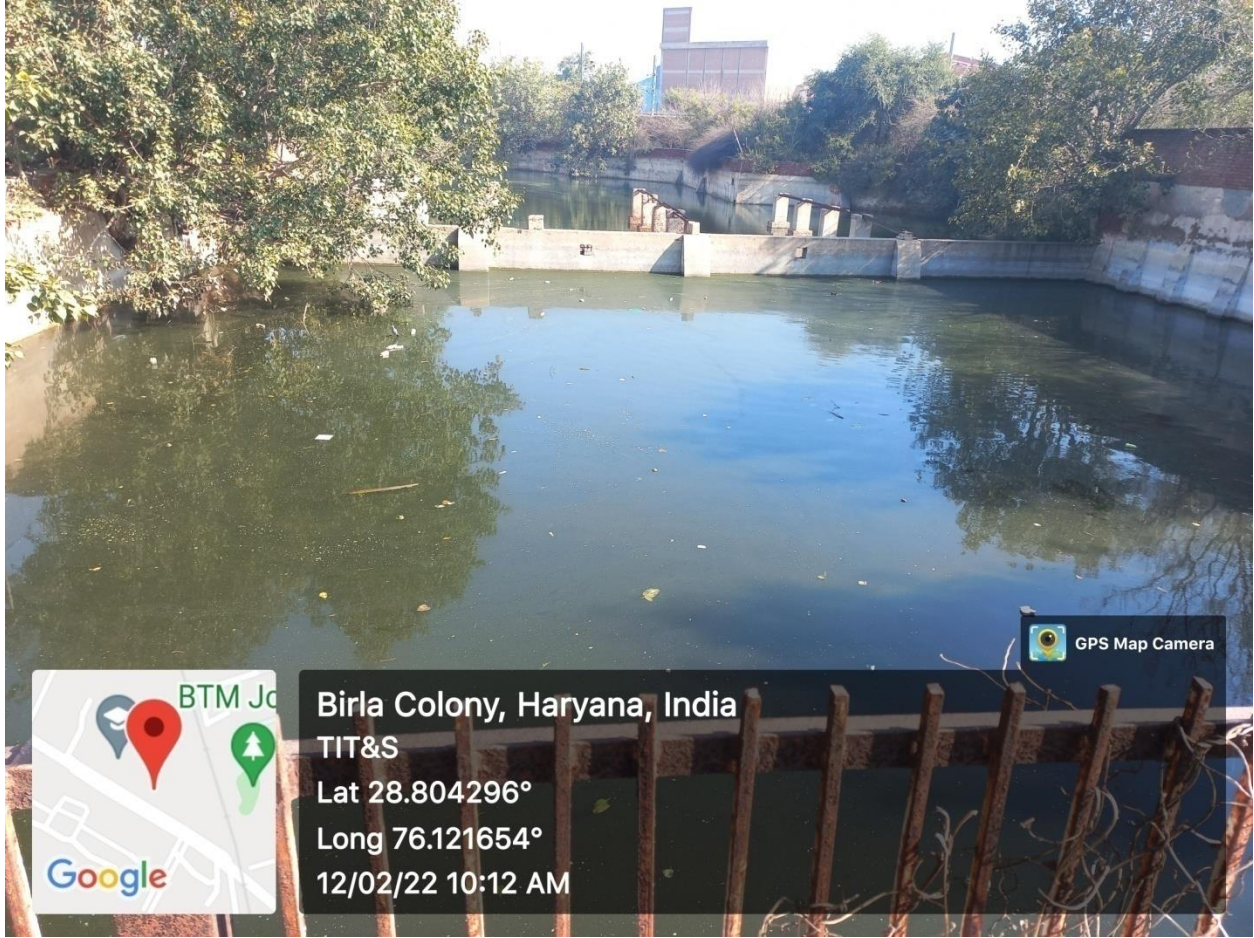
Diagram explaining rainwater collection behind old building:



The Reservoir for rainwater collection:

This reservoir constructed for rainwater collection has a saga to narrate. It is unique and rare in the nation in the sense that no institution can boast of such a big artificial reservoir created for philanthropy. As the institute was born out of the philanthropic vision of the great Industrialist Padmavibhushan G D Birla Ji, the philosophy of '*sarvebhavantu sukhinah*' is what this reservoir for long has epitomized. The reservoir is big enough and deep enough to store water for the need of a community. At one point of time this reservoir used to serve the needs of the nearby locations too and the institute allowed pumping of its water to public whenever there was shortage of water. After seven decades of its construction, at present, when the water supply needs of the public are fulfilled by the government, the institute utilizes the water collected in this reservoir for multiple purposes.

The reservoir has been praised by visitors like Lal bahadur Shastri, Babu Jagjeevan Ram Ji and others in the past.

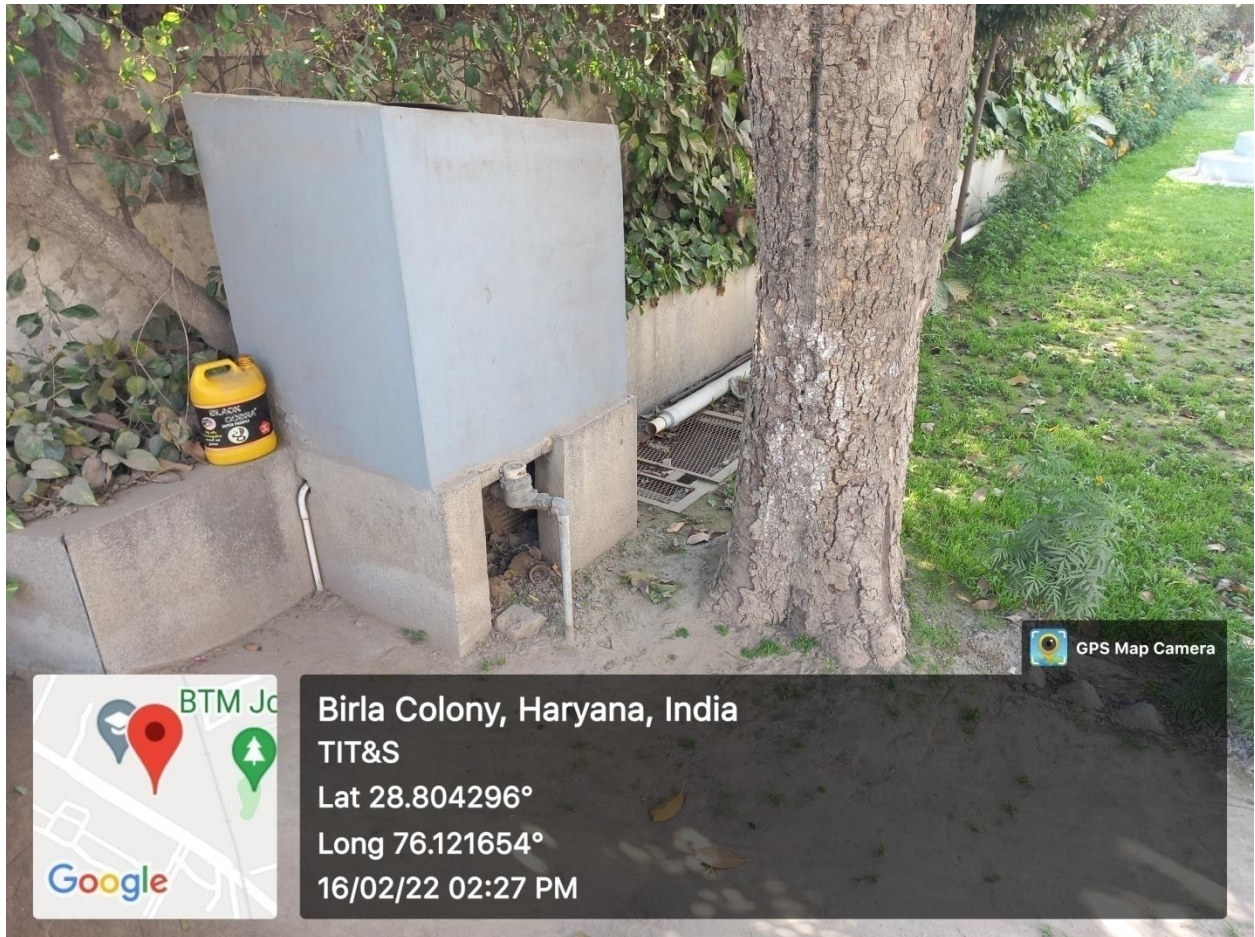


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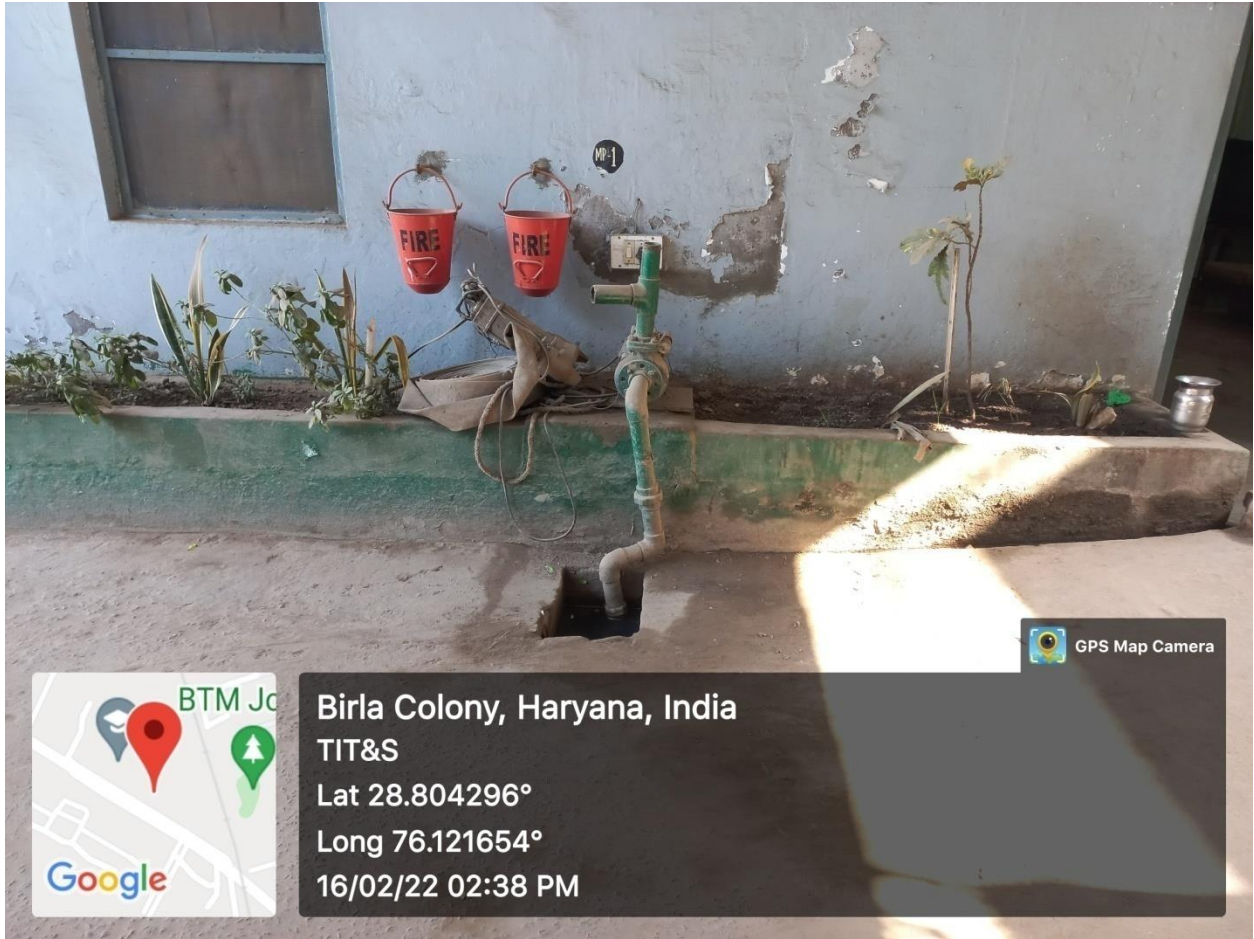


Birla Colony, Haryana, India
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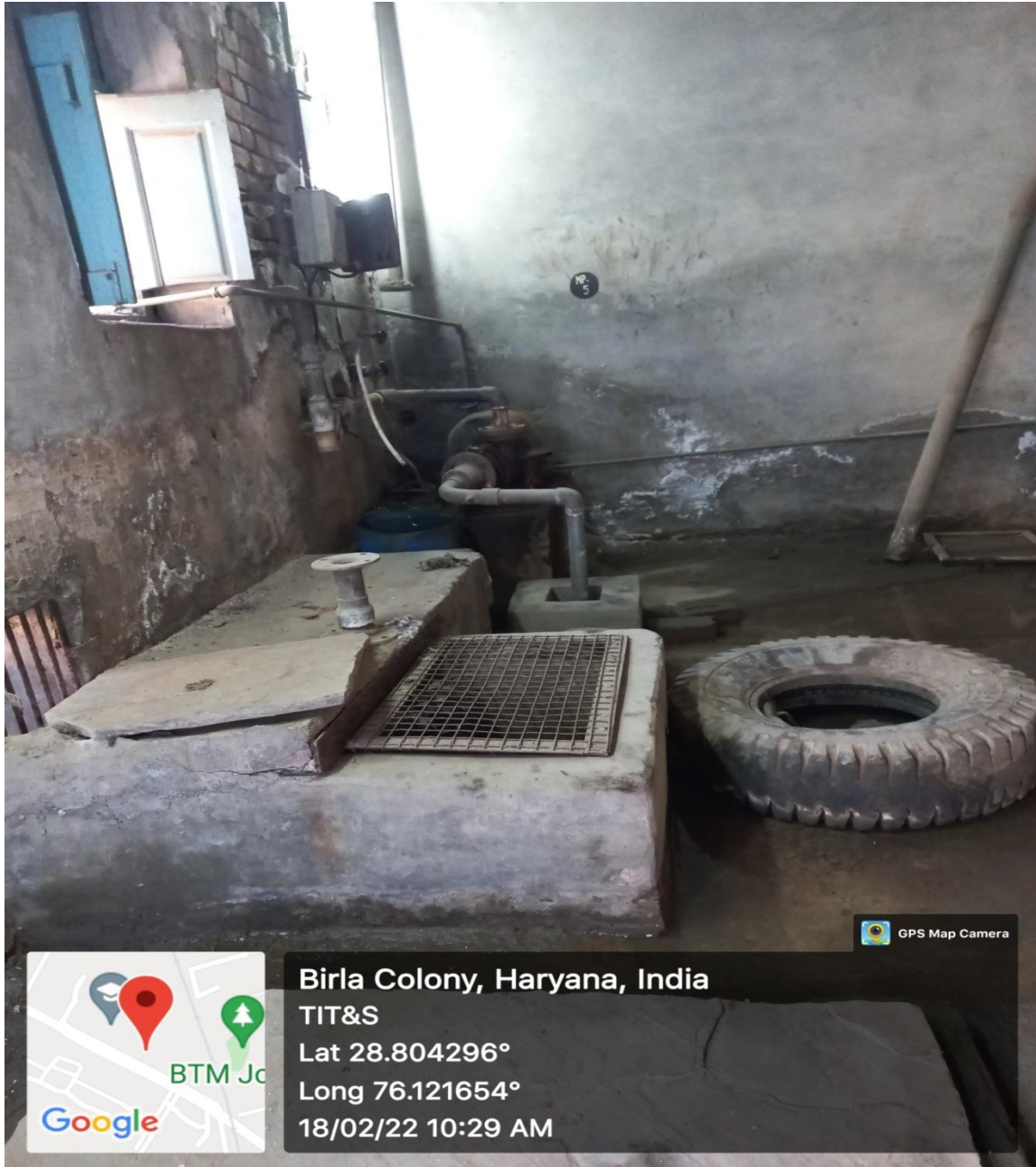
Pumping system for transfer of surface rainwater from the lawn to the underground tank



Pumping system for surface rainwater from the lawn to the underground tank



Pumping system for surface rainwater collected in the underground tank

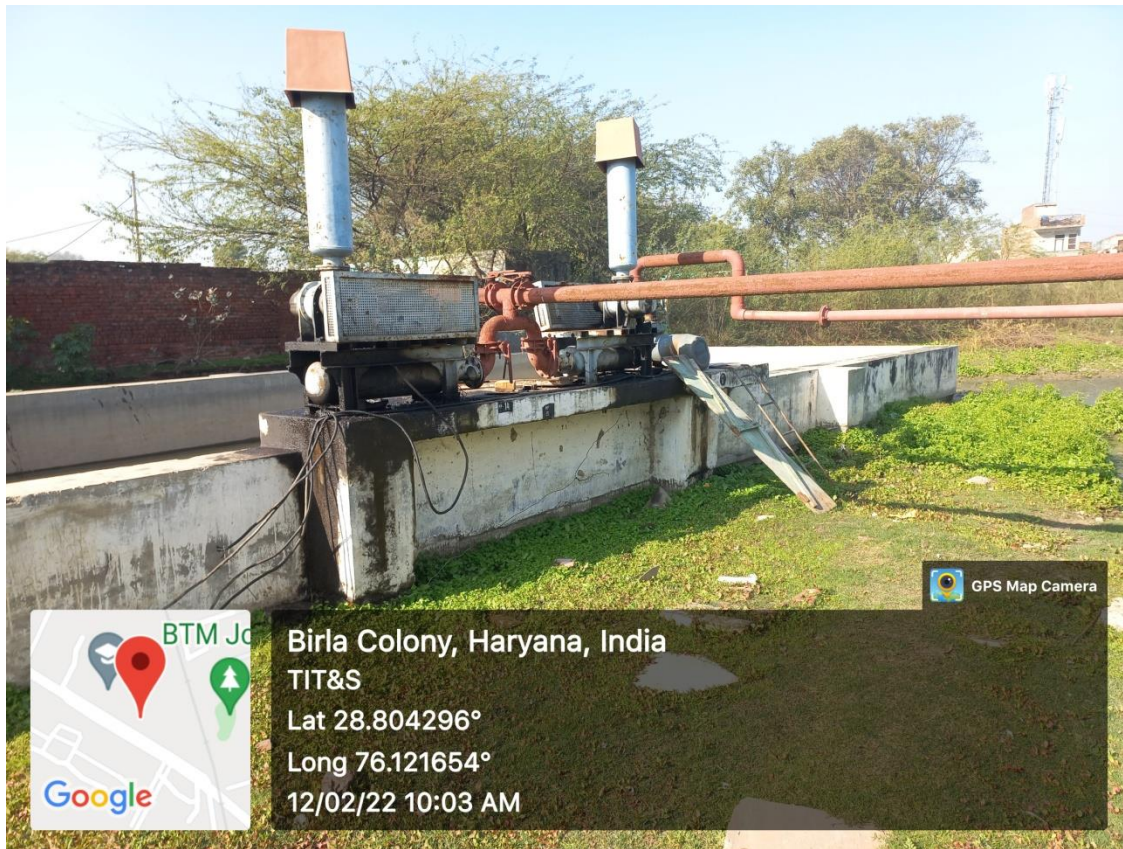


Open ground recharge near the STP:

The water treated at the STP is released into the ground through these specially constructed and maintained open ground channels to prevent depletion of ground water level.

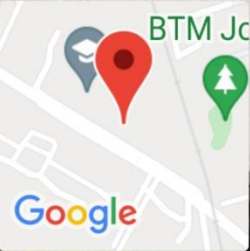


Water Recycling (STP): The institute utilizes the treated water for irrigation too

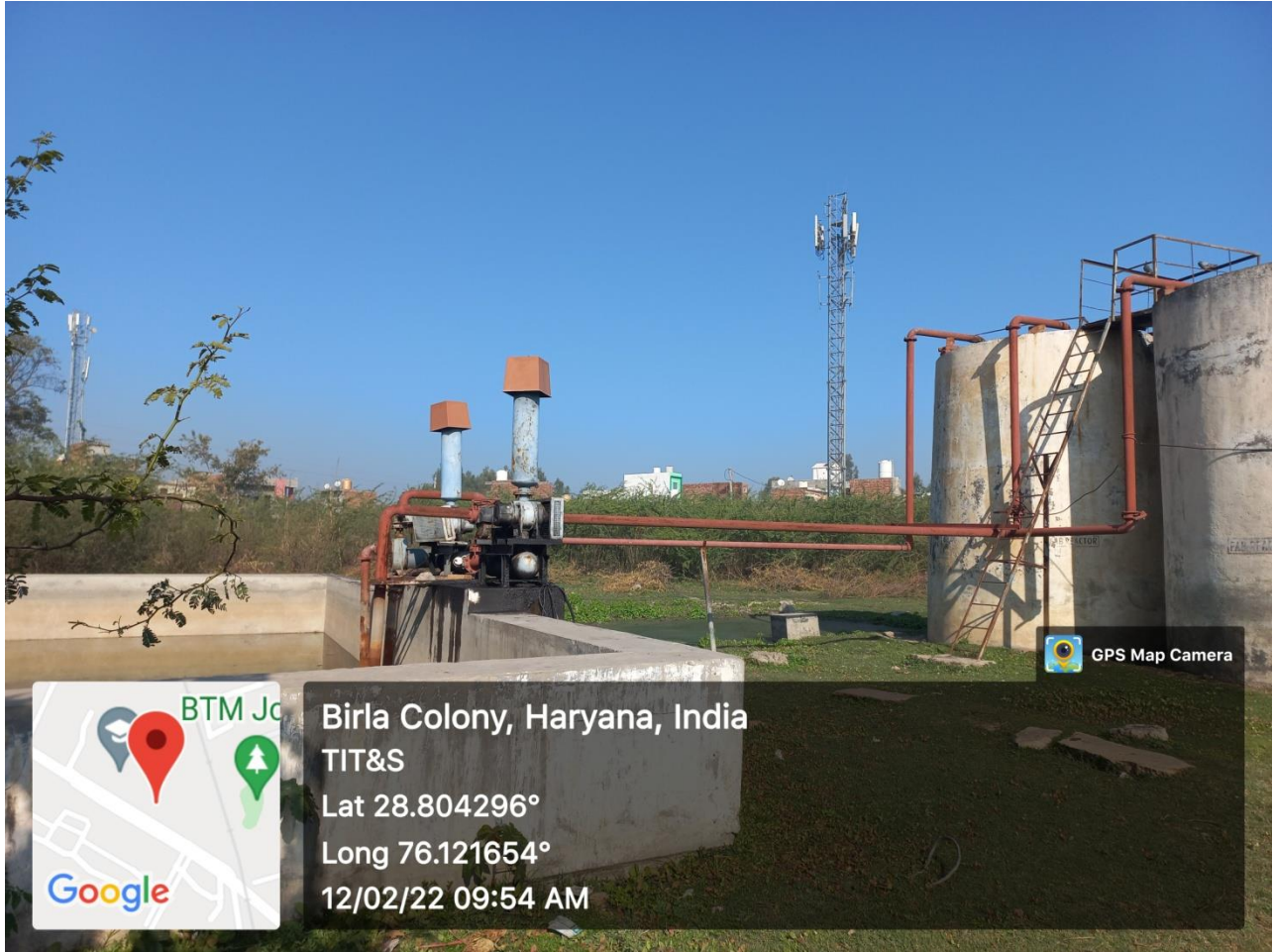




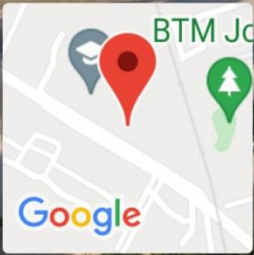
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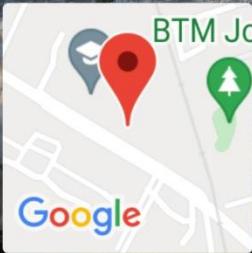
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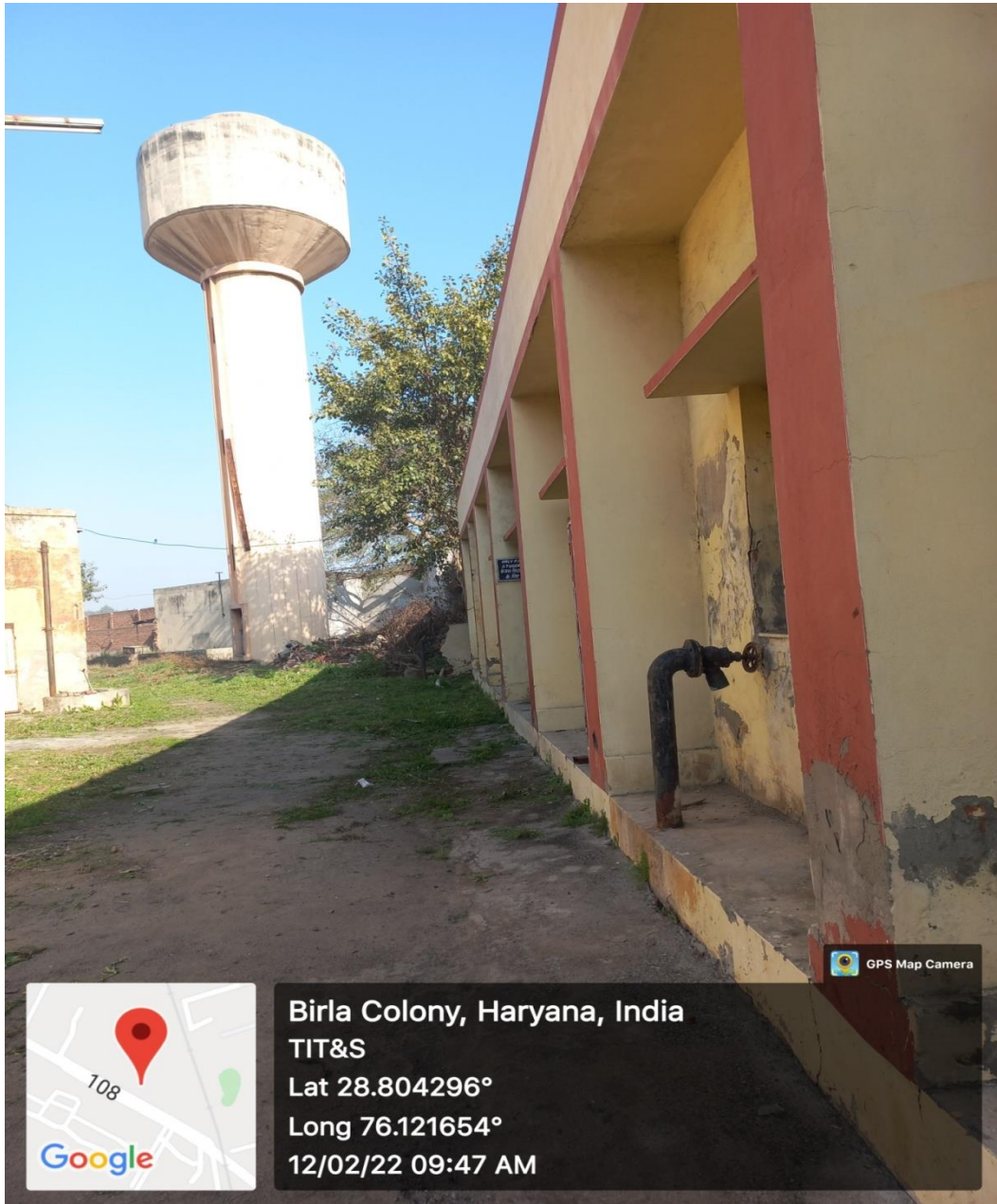


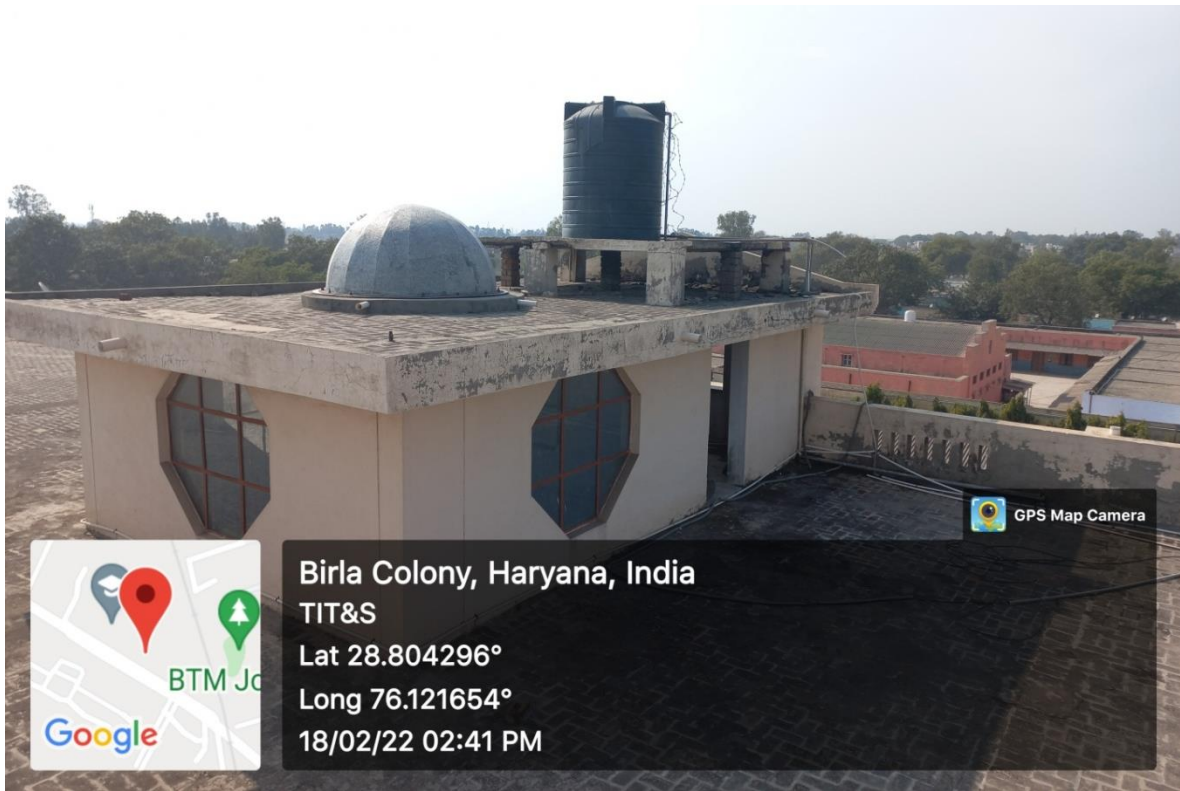
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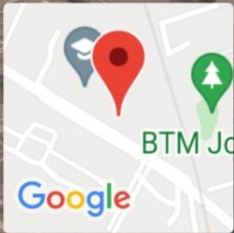
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Construction of Tanks & Bunds, Maintenance of water bodies & Distribution System:





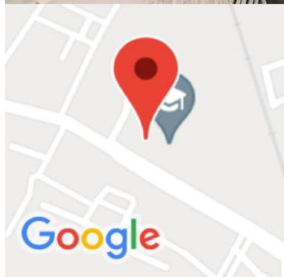
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