

The Technological Institute of Textile & Sciences Bhiwani



Affiliated to Maharishi Dayanand University, Rohtak, Haryana

7.1 Institutional Values and Social Responsibilities.

7.1.4 Water conservation facilities available in the institution:

7.1.4.1. Rain water harvesting

7.1.4.2. Borewell /Open well recharge

7.1.4.3. Construction of tanks and bunds

7.1.4.4. Waste water recycling

7.1.4.5. Maintenance of water bodies and distribution system in the campus

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THE TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES

Under UGC Section 2 (f) & 12 (B)
Estd. in 1943 by Padma Vibhushan Dr. G.D. Birla

Criteria 7

NAAC 2022/ DVV/Criteria-7/7.1/7.1.4

Date: 09/06/2022

Criteria	Criteria 7- Institutional Values and Best Practices
Key Indicator	7.1 Institutional Values and Social Responsibilities. (last five years) 7.1.4 Water conservation facilities available in the institution: 7.1.4.1. Rain water harvesting 7.1.4.2. Borewell /Open well recharge 7.1.4.3. Construction of tanks and bunds 7.1.4.4. Waste water recycling 7.1.4.5. Maintenance of water bodies and distribution system in the campus
Finding In DVV	Please provide geotagged photograph with caption.
Response/ Clarification :	Please find the geotagged photographs of Rainwater Harvesting, Borewell/Open well recharge, Constructions of Tanks and Bunds, Wastewater Recycling, Maintenance of Water bodies and distribution system with appropriate captions attached herewith (Appendix-I).
Description	Response Relevant Link :
Geo-tagged photographs with caption (Appendix-I)	https://titsbhiwani.ac.in/NAAC/dvv/7.1.4.pdf

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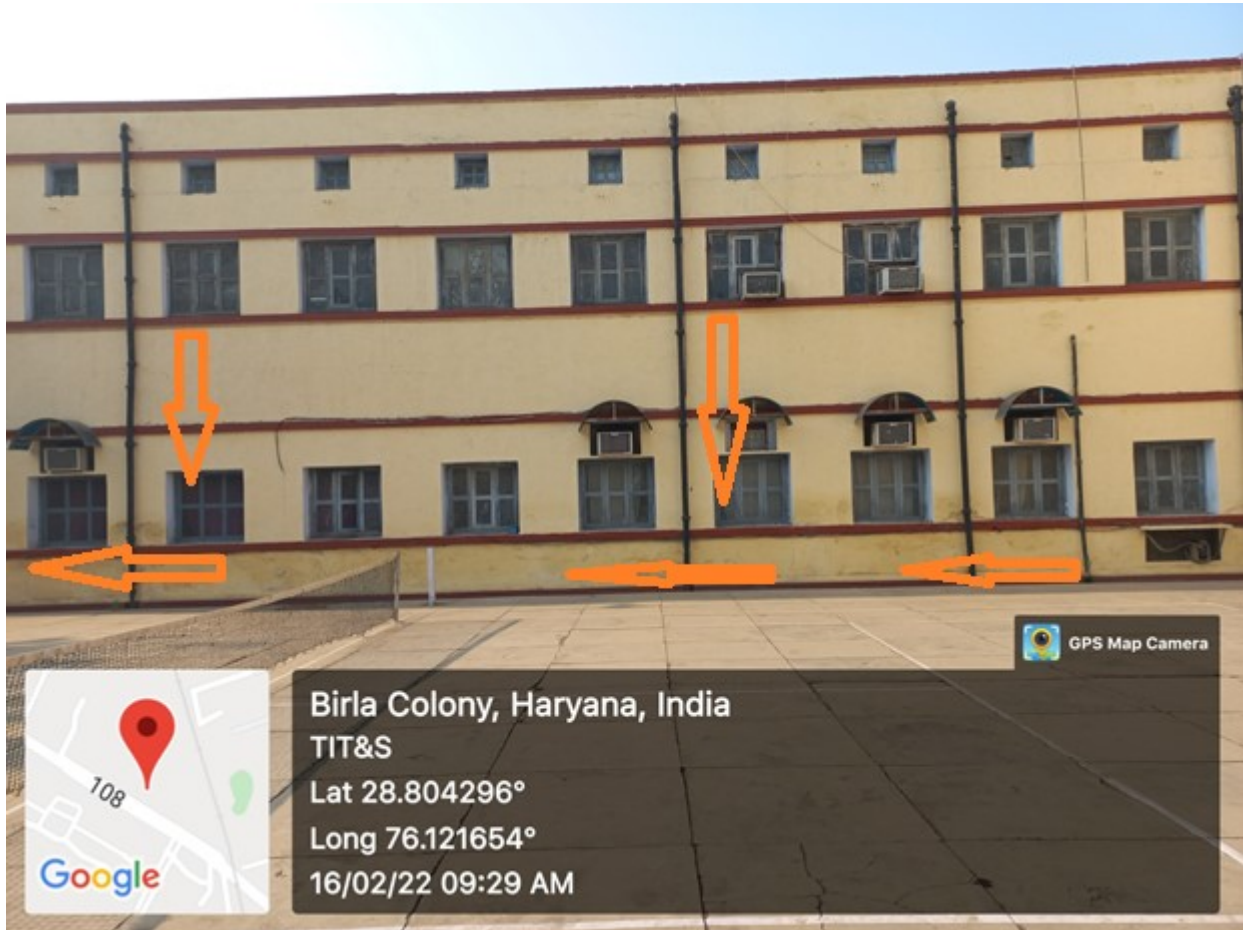
Ref: DVV Clarification for Metric level: 7.1.4

Sub: Response to DVV Clarification for Metric level: 7.1.4

Please find the geotagged photographs of Rainwater Harvesting, Borewell/Open well recharge, Constructions of Tanks and Bunds, Wastewater Recycling, Maintenance of Water bodies and distribution system with appropriate captions attached herewith **(Appendix-I)**.

DIRECTOR
Director,
**THE TECHNOLOGICAL INSTITUTE
OF TEXTILE & SCIENCES, BHIWANI**

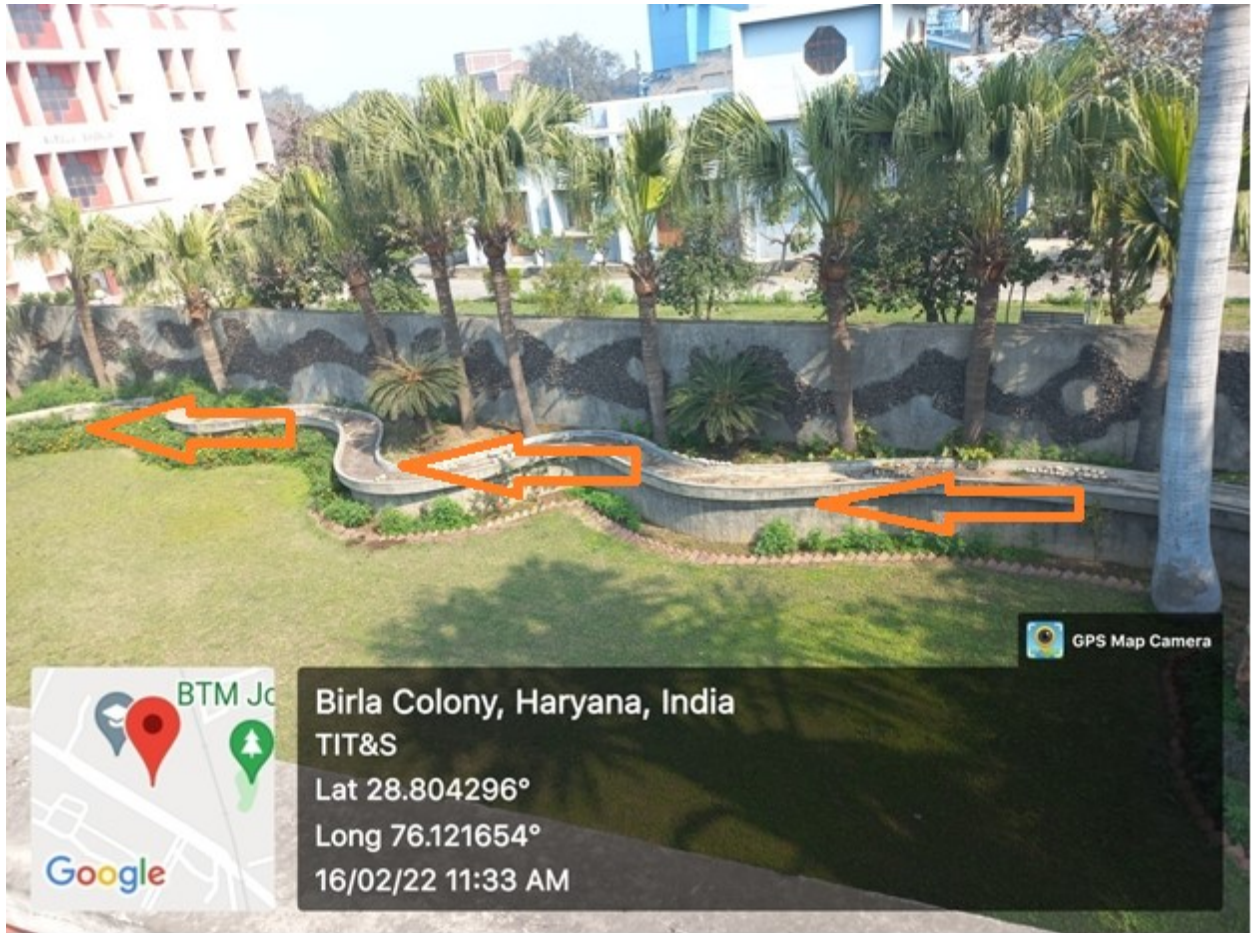
Appendix-I



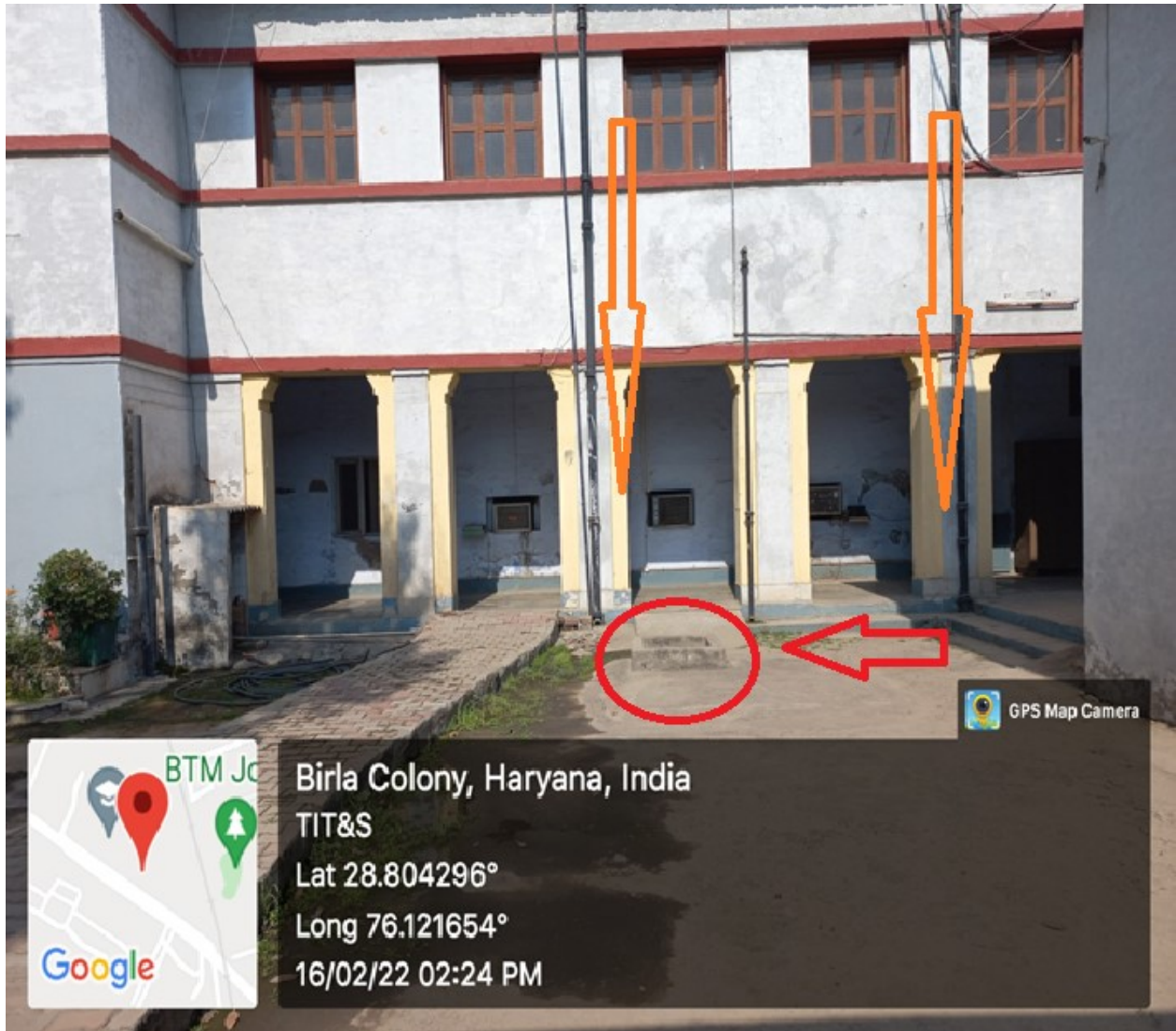
Rain water collected from roof through pipes



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



Rain water collection in underground tank (shown in red circle)

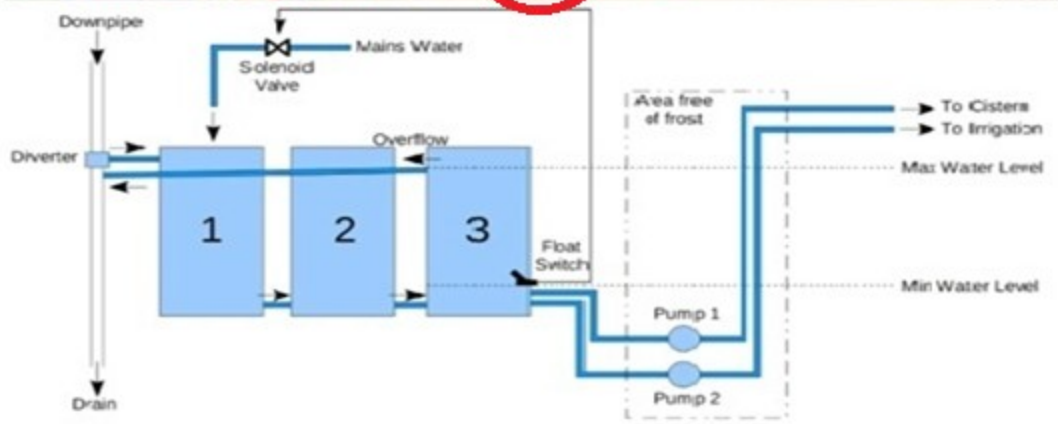
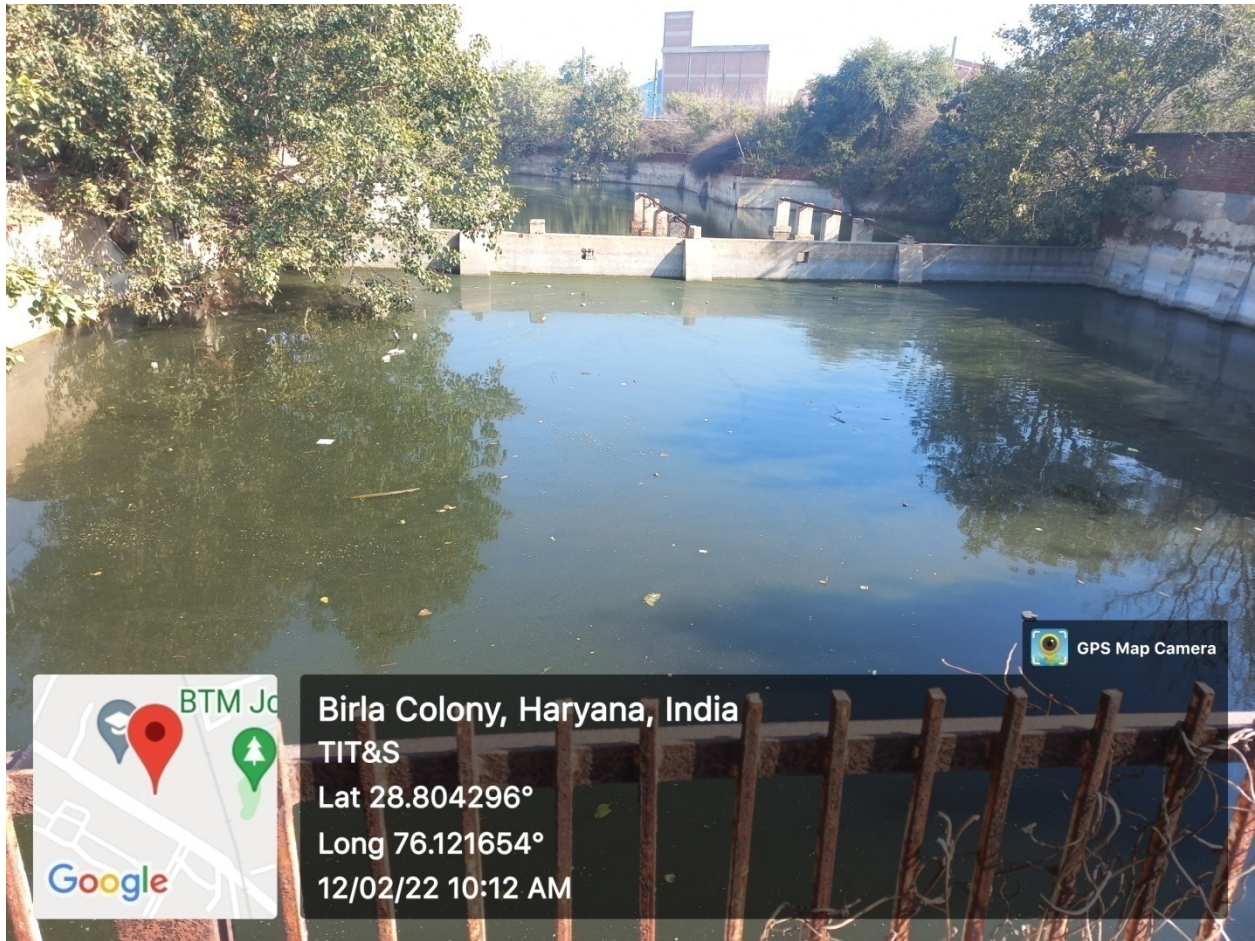
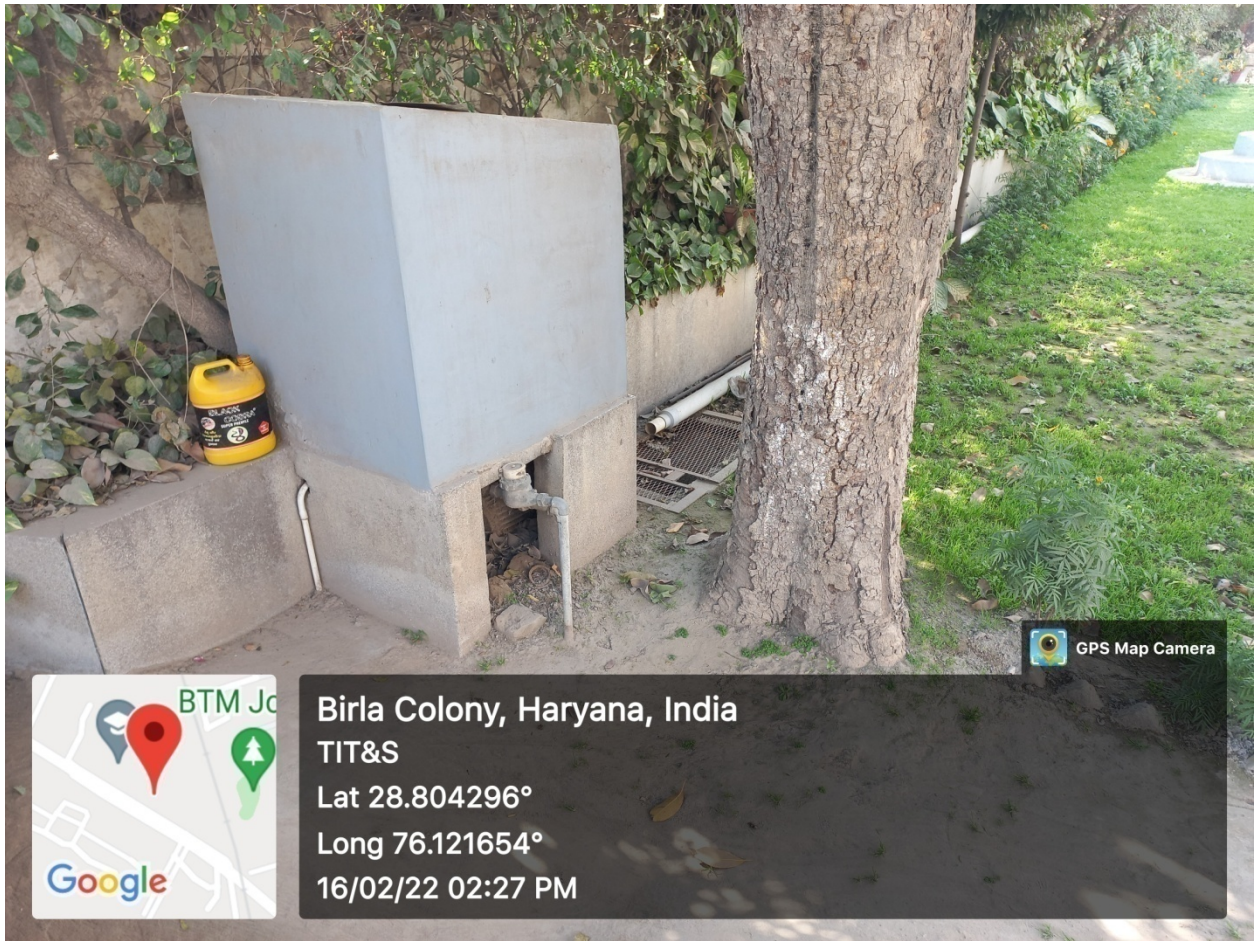


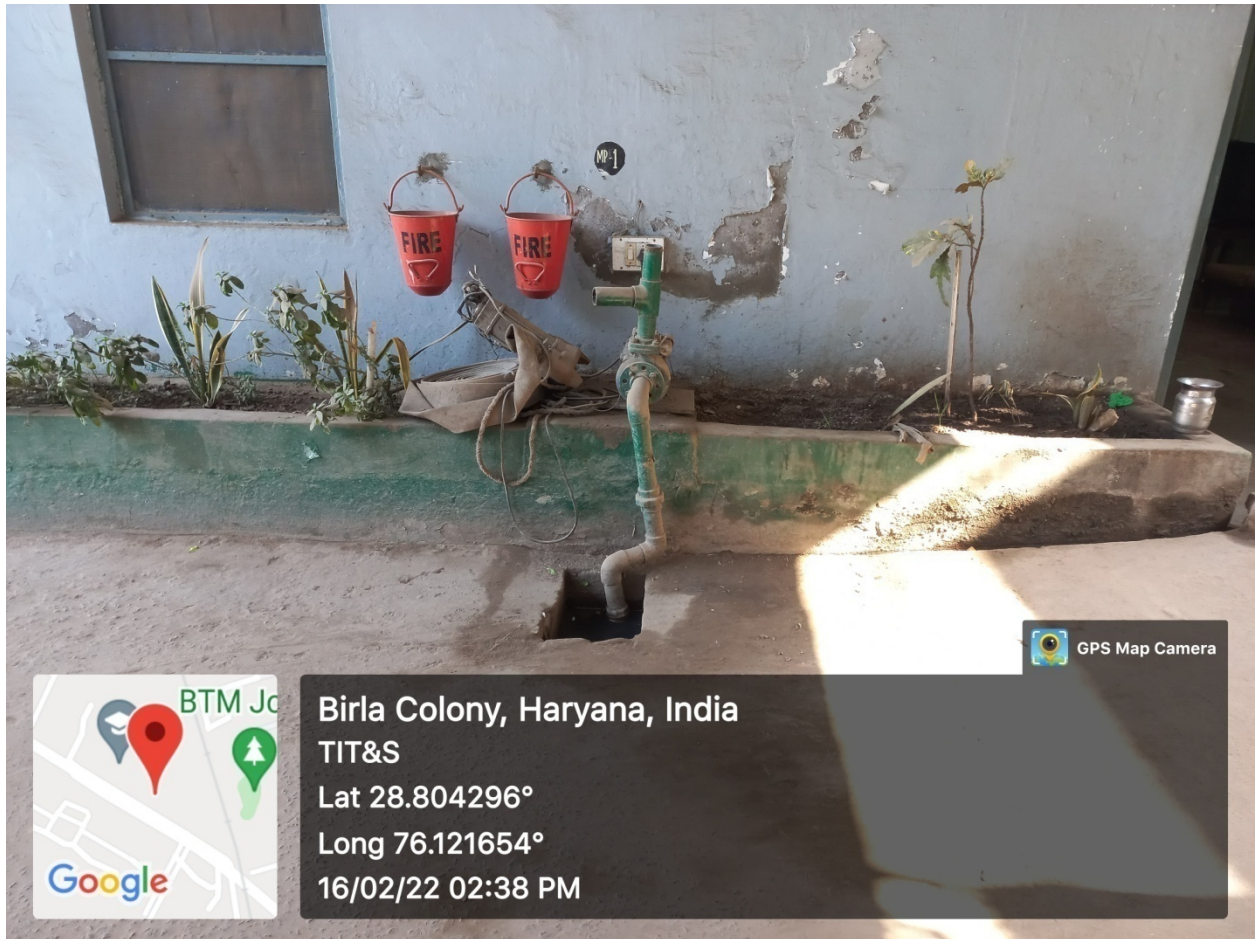
Diagram explaining rainwater collection behind old building



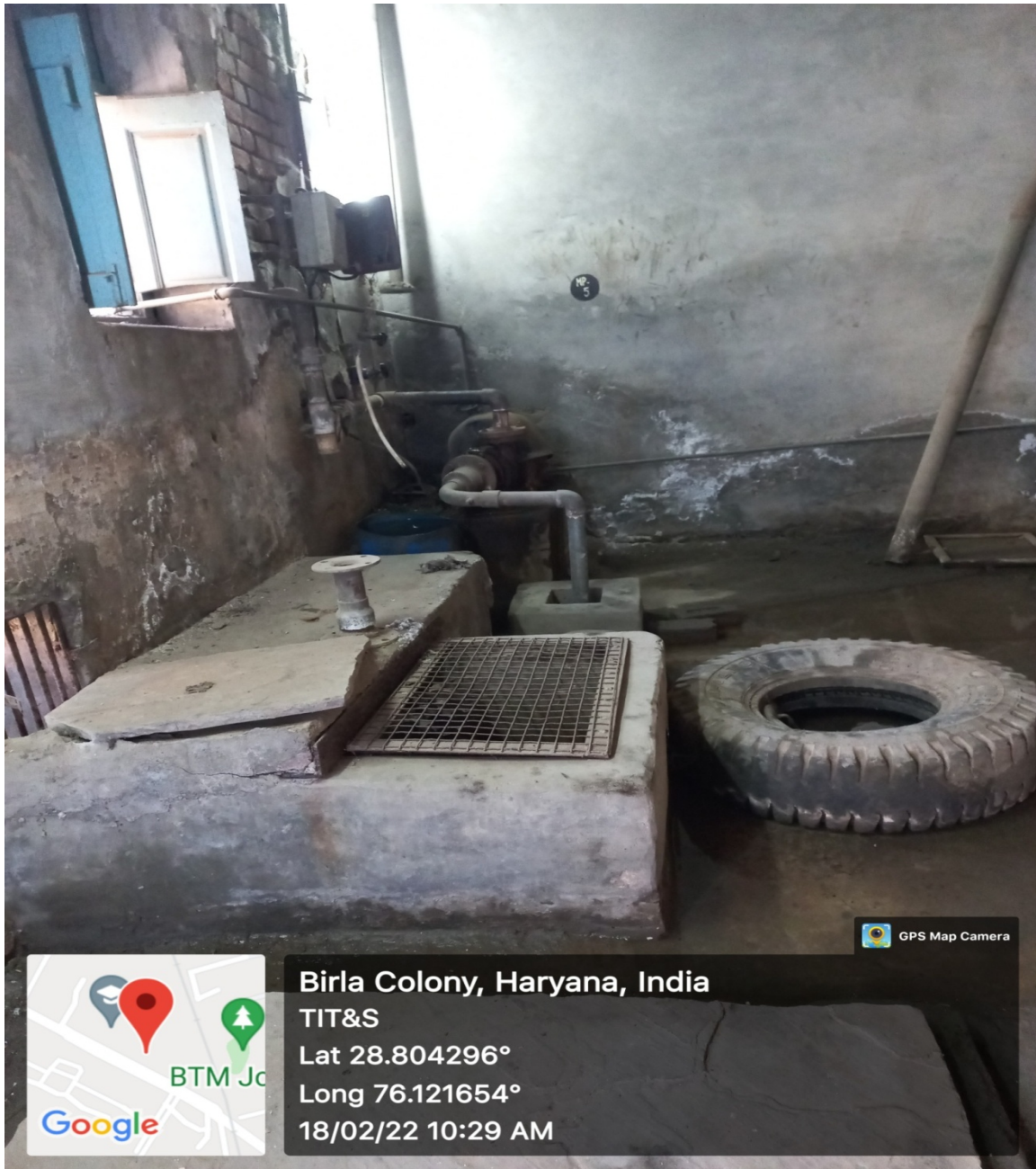
The Reservoir for rainwater collection



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

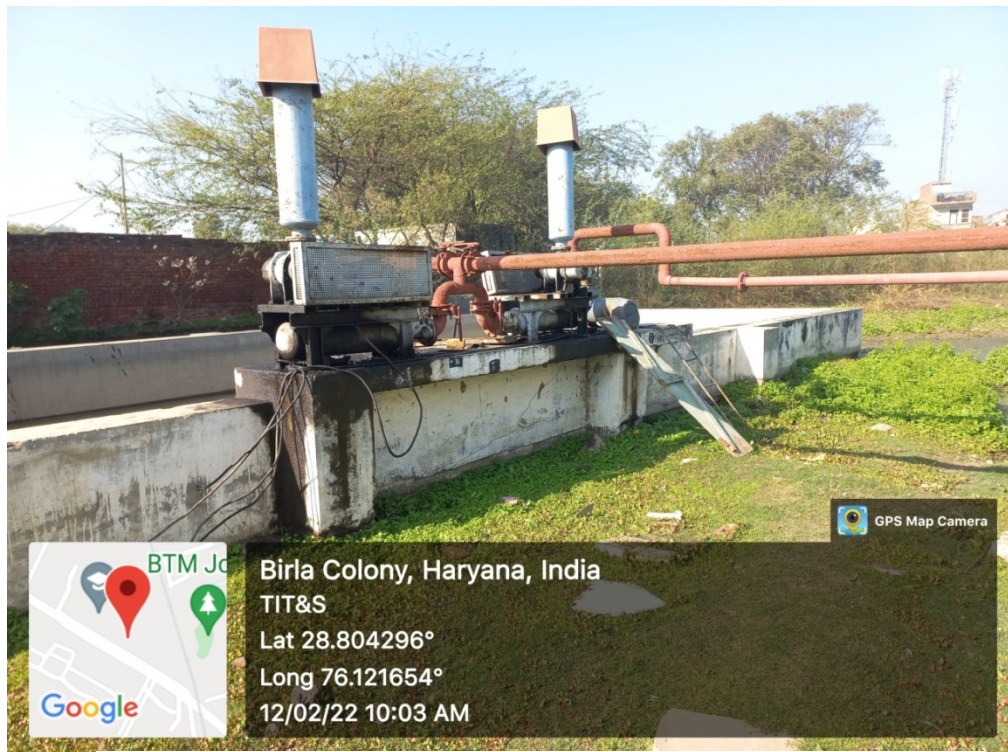


Pumping system for surface rainwater collected in the underground tank



Open ground recharge near the STP

Waste water recycling (STP): The institute utilizes the treated water for irrigation too



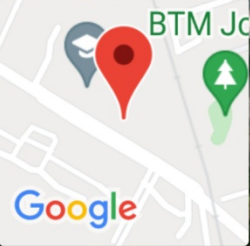
Waste water recycling (STP): view1



Waste water recycling (STP): view2



Waste water recycling (STP): view3



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GPS Map Camera

Waste water recycling (STP): view4



Waste water recycling (STP): view5

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



Water tank and distribution system



Water tank and distribution system



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Long 76.120559°
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Water tank and distribution system

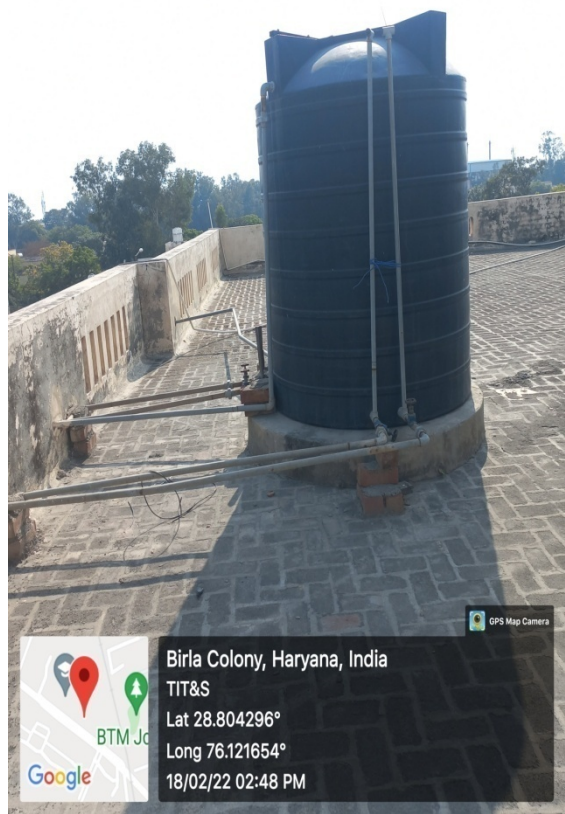


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Water tank and distribution system



Water tank and distribution system



Water tank and distribution system