

7.1.4 WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

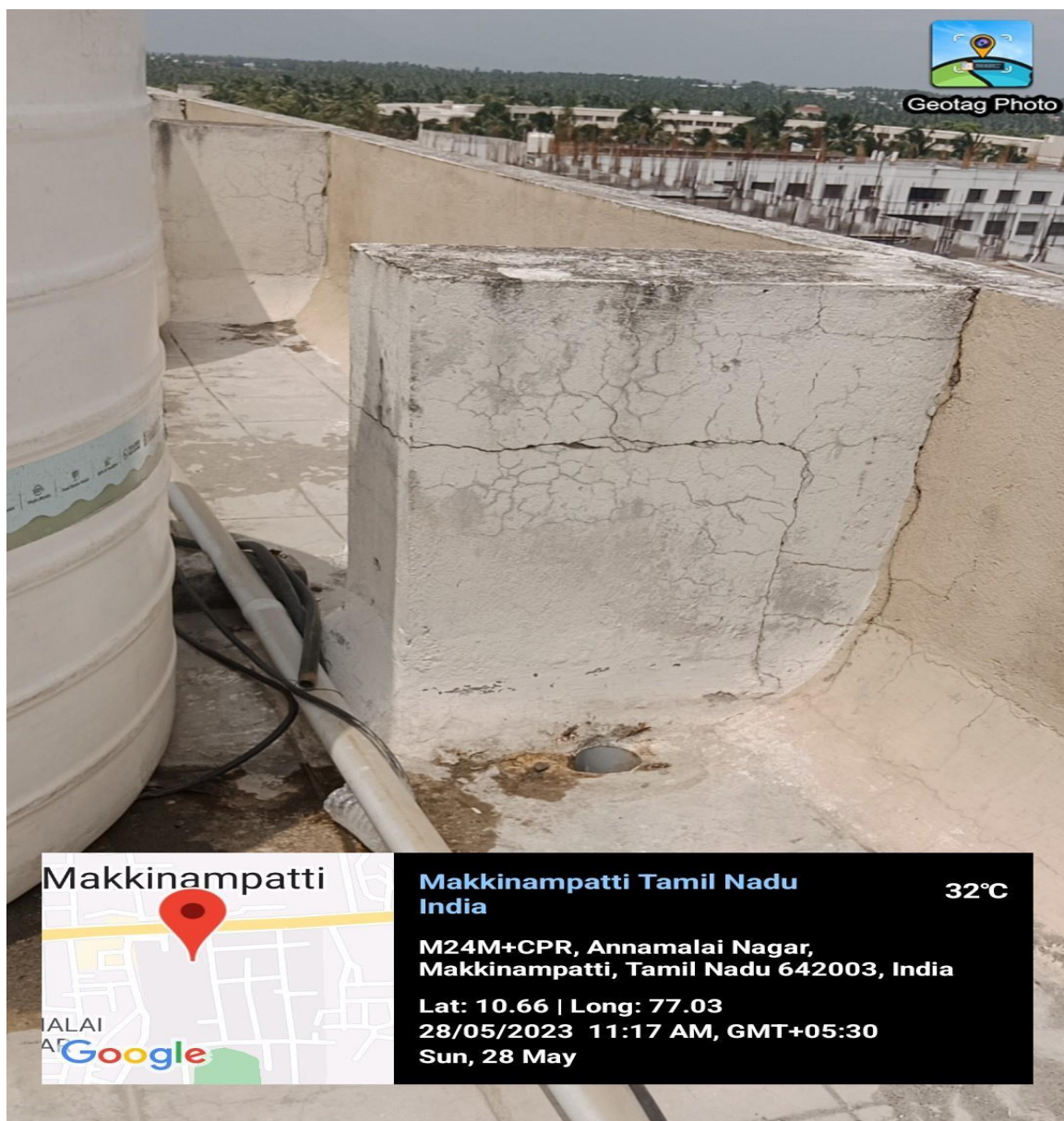
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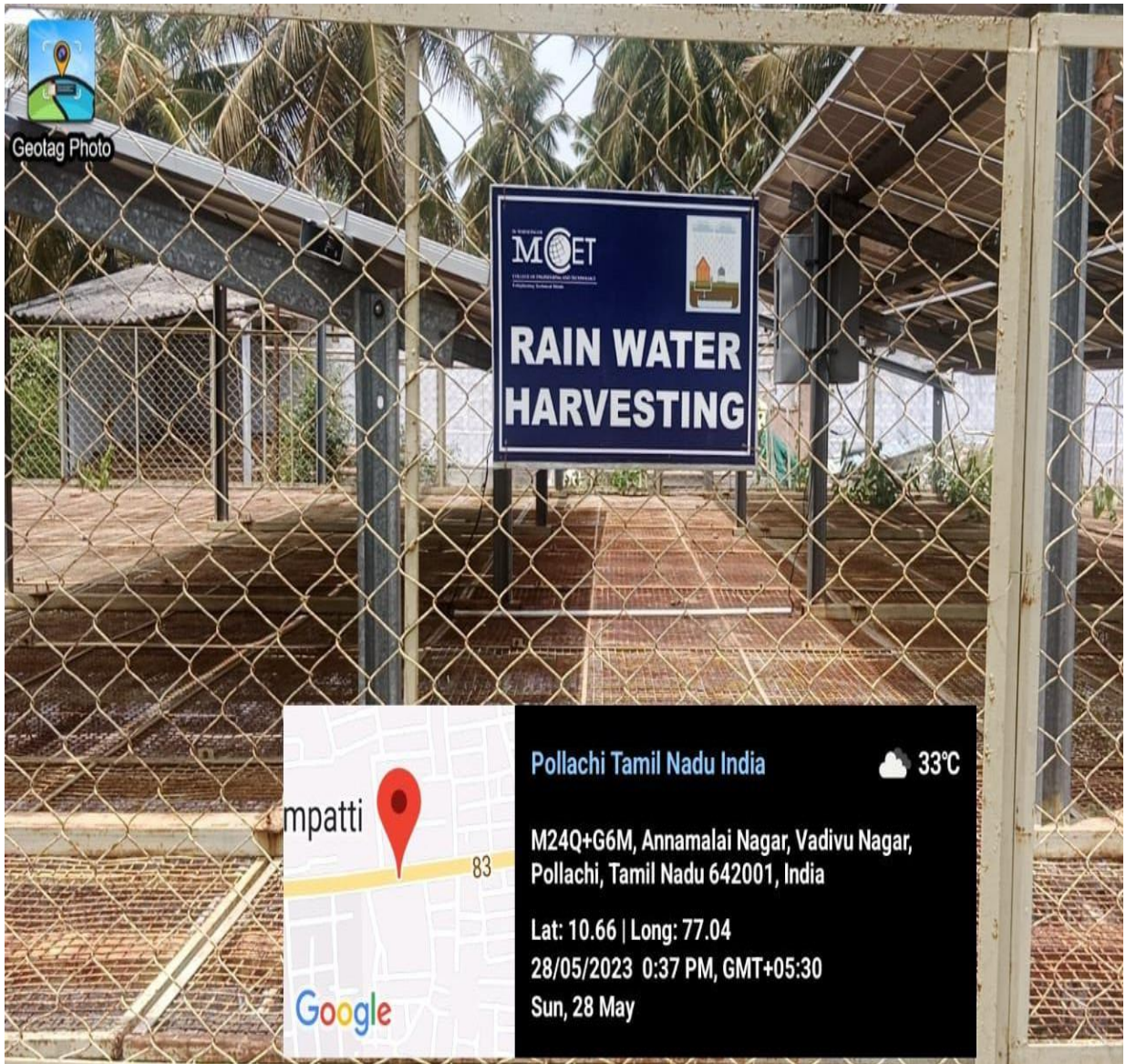
Dr.Mahalingam College of Engineering and Technology is located in rural area. All of the college's water requirements are met by groundwater, open well and Bore well. Therefore, it is crucial to adopt water conservation measures and use the existing water in an efficient manner. On campus, numerous liters of water are needed every day. For the purpose of conserving water, the following actions are taken:

1. Rain water harvesting

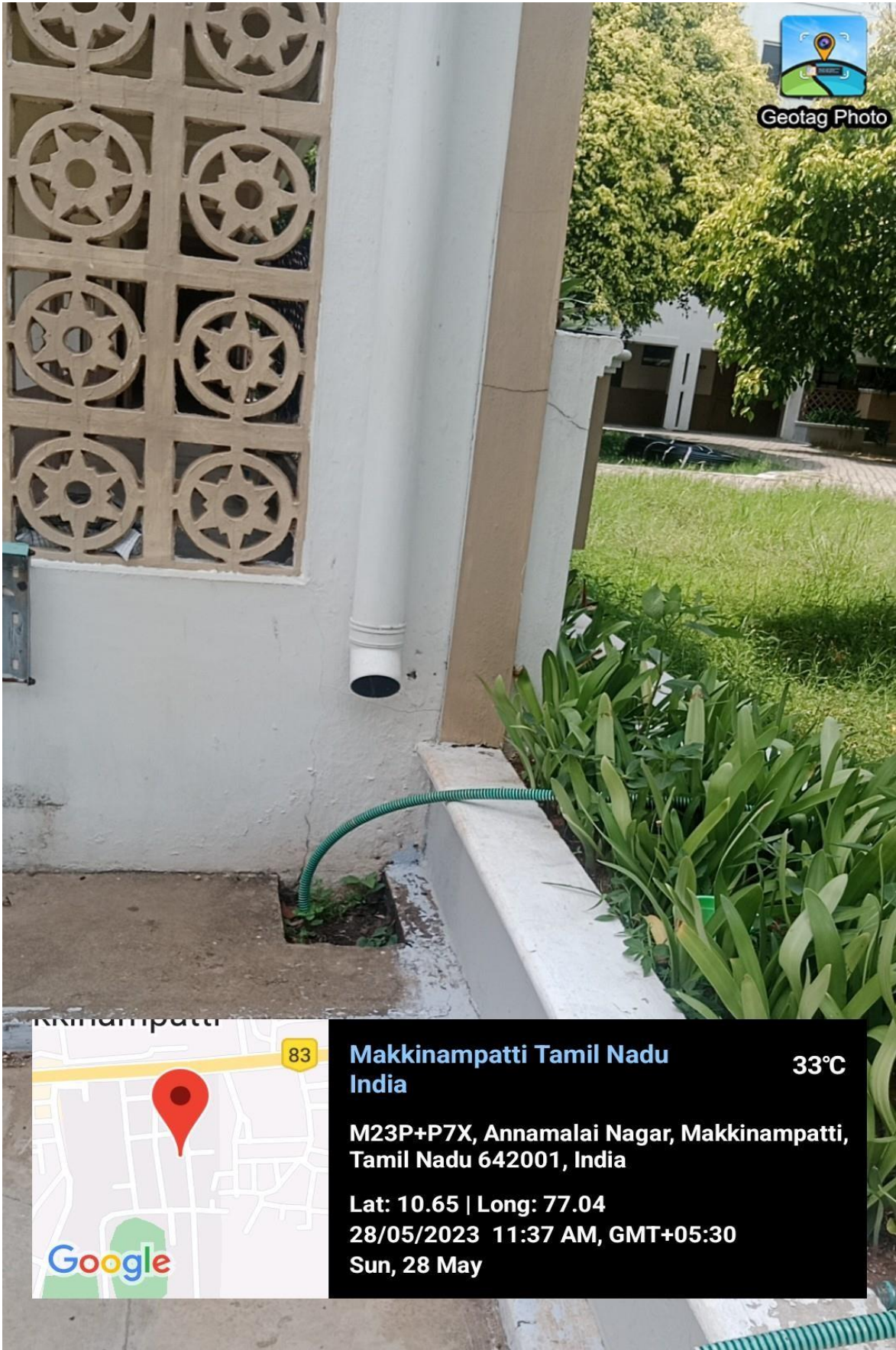
- Most of the rainwaters are collected from the rooftop of the building in the campus and all the rainwaters are collected in an open well harvesting sumps located in the college premises. The open well sumps are located in the Centenary center East side(Dimension: 60x40x50;Capacity:330000 liters)
- Some of the rain waters collected from roof top are directly feed to the trees and plants.



Collection point of rainwater in rooftop buildings



Rain water harvesting



Rain water utilized for plant and tree cultivation

2. Bore well /Open well recharge

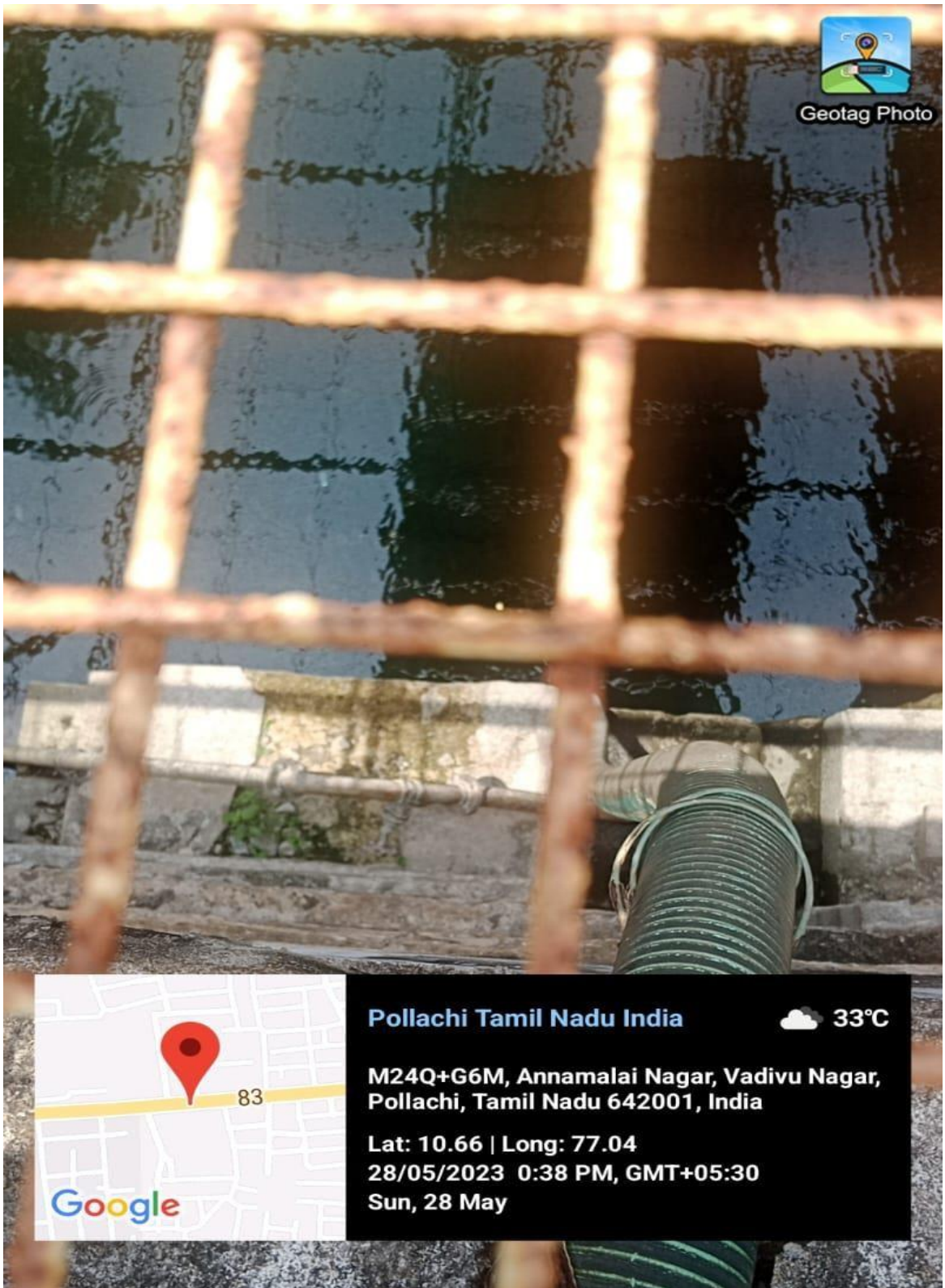
- The three bore well are constructed inside the college premises for quickly recharge the water bodies and tanks. There are two number, 650 feet bore well is located in playground and 500 feet depth bore is located in MCET-C-block north side.
- Open well (Dimensions: 60'x40'x50') located in our campus for collecting the rainwater and used recharge the water tanks and distribution.



Bore well Located inside the C-block of MCET College



Bore well Located in the playground of MCET campus



Open well unit (Dimensions: 60'x40'x50')

3. Construction of tanks

- Overhead tanks are constructed for water distribution inside the MCET campus. 100000 liter capacity of overhead tank is constructed and located in the MCET playground.
- Five number of 5000 liter capacity tanks are placed in the roof top of the buildings.



**Overhead Tank constructed by MCET located in MCET playground
(Capacity:100000 liter)**



Five 5000 liter capacity tanks in the roof top the MCET A-block building

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

- The campus has a well-established system for distributing water, and there are enough facilities set up to meet the demand.
- The water is cleaned and desalinated in the RO plant located on the campus before being used for drinking purpose.
- The rejected water from the RO plant is collected and utilized for campus landscaping.
- The water is dispersed through a well-organized pipe network for drinking and washing purposes.
- RO plant membrane, activated carbon and sand filter are regularly maintained/replaced for effectively filter the water.
- The pipe networks are regularly checked for any water leakage, if any water leakage happen, the corresponding pipes are immediately replaced with the new one for seamless water distribution.



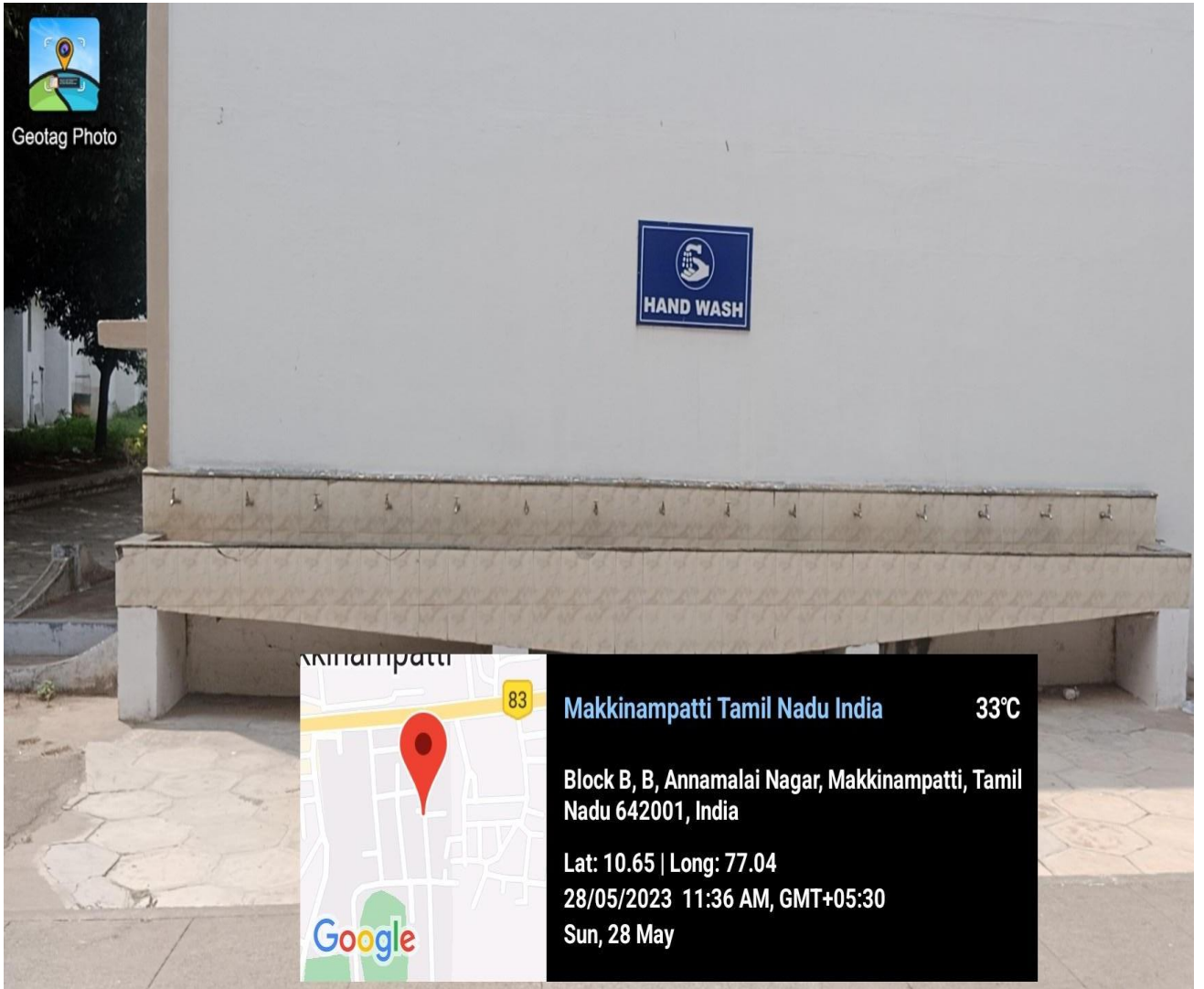
RO plant located inside the campus for filtering and desalinating the water



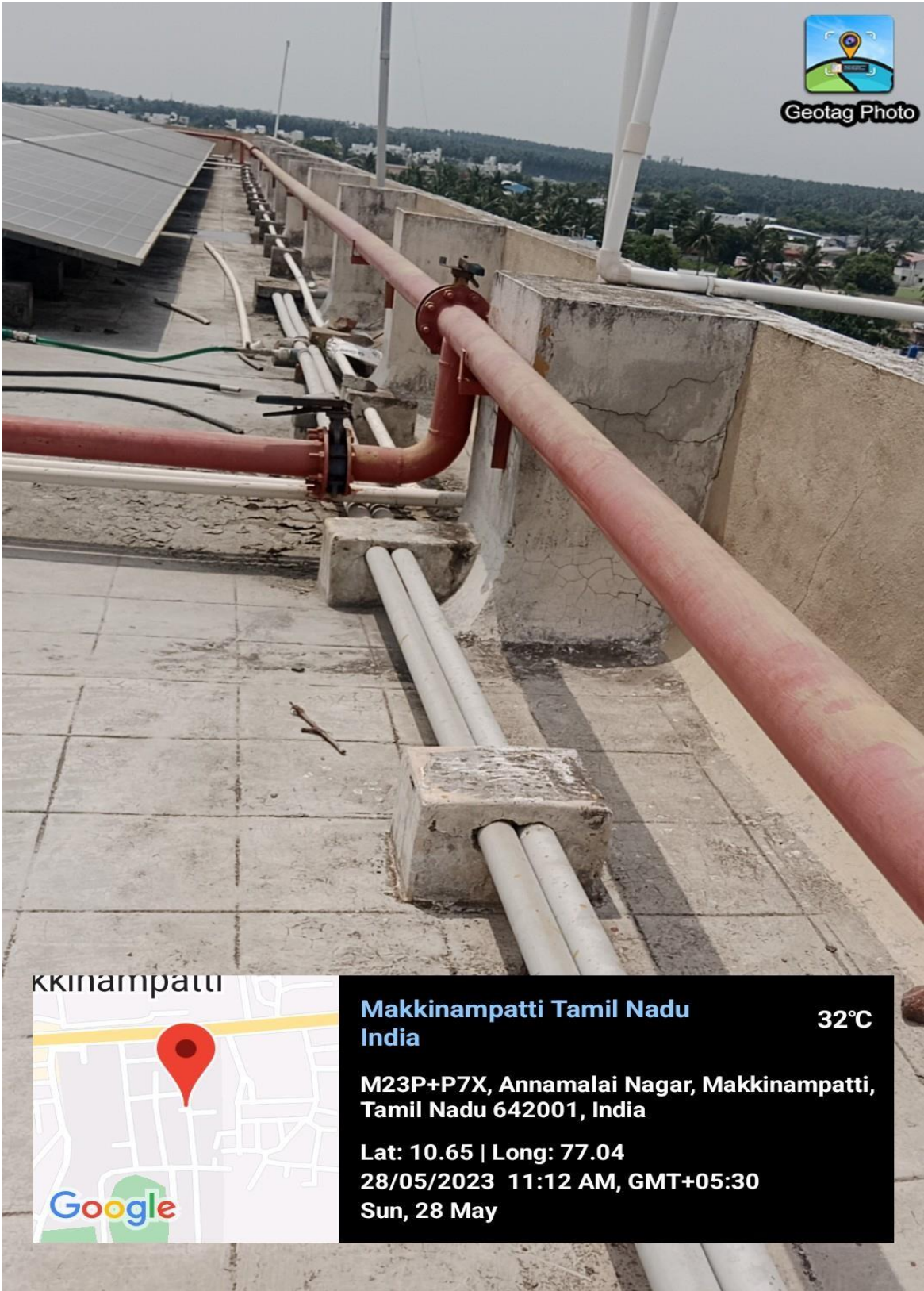
RO plant unit for filtering the water



Purified water unit to distribute the water for drinking purposes



Water distribution unit for Hand washing purposes



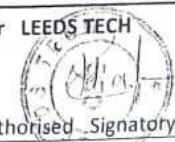
Water pipe networks for effective distribution of the water for various purposes



Water distribution for gardening purpose

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

LEEDS TECH 3/259, KESVAPURAM, UDUMALAI ROAD, POLLACHI-3 Tamil Nadu, Code :33 GSTIN/UIN:33ANFPA5971N1ZT Mobile : 8807723884 , 9994369993			Invoice No. LTC/GST/011		Dated 29-Nov-2022			
			Delivery Note		Mode/Terms of Payment			
			Supplier's Ref VERBAL		Other Reference(s) MCET / TU / 153			
Consignee The Secretary Dr. Mahalingam College Of Engineering And Technology, Pollachi -3 GSTIN/UIN : 33AAACN7311C1Z4			Buyer's Order No VERBAL		Dated 29-Nov-2022			
			Despatch Document No		Delivery Note Date			
			Despatched through		Destination POLLACHI			
Terms of Delivery								
Sl. No	Description of Goods	HSN/SAC	Quantity		Rate	Per	Disc.%	Amount
			Shipped	Billed				
1.	MEMBRAINE 8"	8421	3 NOS	3NOS	48000.00	NO		1,44,000.00
2	ACTIVATED CARBON	8421	150KGS	150KGS	140.00	KG		21,000.00
3	WATER FLOW METER	8421	1 NO	1 NO	800.00	NO		800.00
4	SAND FILTER 10MM SILEX	8421	100 KGS	100KGS	35.00	KG		3500.00
					GST 18 %			30,474.00
Total								1,99,774.00
HSN/SAC			Taxable Value		Central Tax		State Tax	
					Rate	Amount	Rate	Amount
8421			169300.00		9%	15,237.00	9%	15,237.00
TOTAL			169300.00		9%	15,237.00	9%	15,237.00
Tax Amount (in words) : Indian rupees Thirty thousand Four Hundred And Seventyfour Only								
Company's PAN : ANFPA5971N								
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.					For LEEDS TECH  Authorised Signatory			

This is a Computer Generated Invoice

Bills for purchasing the RO unit components

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

LEEDS TECH 3/259, KESVAPURAM, UDUMALAI ROAD, POLLACHI-3 Tamil Nadu, Code :33 GSTIN/UIN:33ANFPA5971N1ZT Mobile : 8807723884 , 9994369993	Invoice No. LTC/GST/010	Dated 22-Nov-2022
	Delivery Note	Mode/Terms of Payment
	Supplier's Ref VERBAL	Other Reference(s)
Consignee The Secretary Dr. Mahalingam College OF Engineering And Technology, Pollachi -3 GSTIN/UIN : 33AAACN7311C1Z4	Buyer's Order No VERBAL	Dated 22-Nov-2022
	Despatch Document No	Delivery Note Date
	Despatched through	Destination POLLACHI
Terms of Delivery		

Sl. No	Description of Goods	HSN/SAC	Quantity		Rate	Per	Disc.%	Amount
			Shipped	Billed				
1.	HYTSPERSE MDC 220	8421	50 KGS	50KGS	500	KG		25,000.00
2.	MULTI PORTE VALVE LEGS 2 SET	8421	6 NOS	6 NOS	700	NO		4,200.00
					GST 18 %			5,256.00
Total								34,456.00

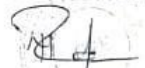
HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate	Amount	Rate	Amount
8421	29,200.00	9%	2,628.00	9%	2,628.00
TOTAL	29,200.00	9%	2,628.00	9%	2,628.00

Tax Amount (in words) : Indian rupees Five Thousand two hundred and fiftysix only

Company's PAN : ANFPA5971N

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

For LEEDS TECH

 Authorised Signatory

This is a Computer Generated Invoice

Bills for purchasing water distribution pipes