



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

College with Potential for Excellence, Linguistic Minority Institution

Affiliated to University of Madras

Arumbakkam, Chennai – 600 106

7.1.4 Water Conservation Facilities Available in the Institution:

1. Rain Water Harvesting



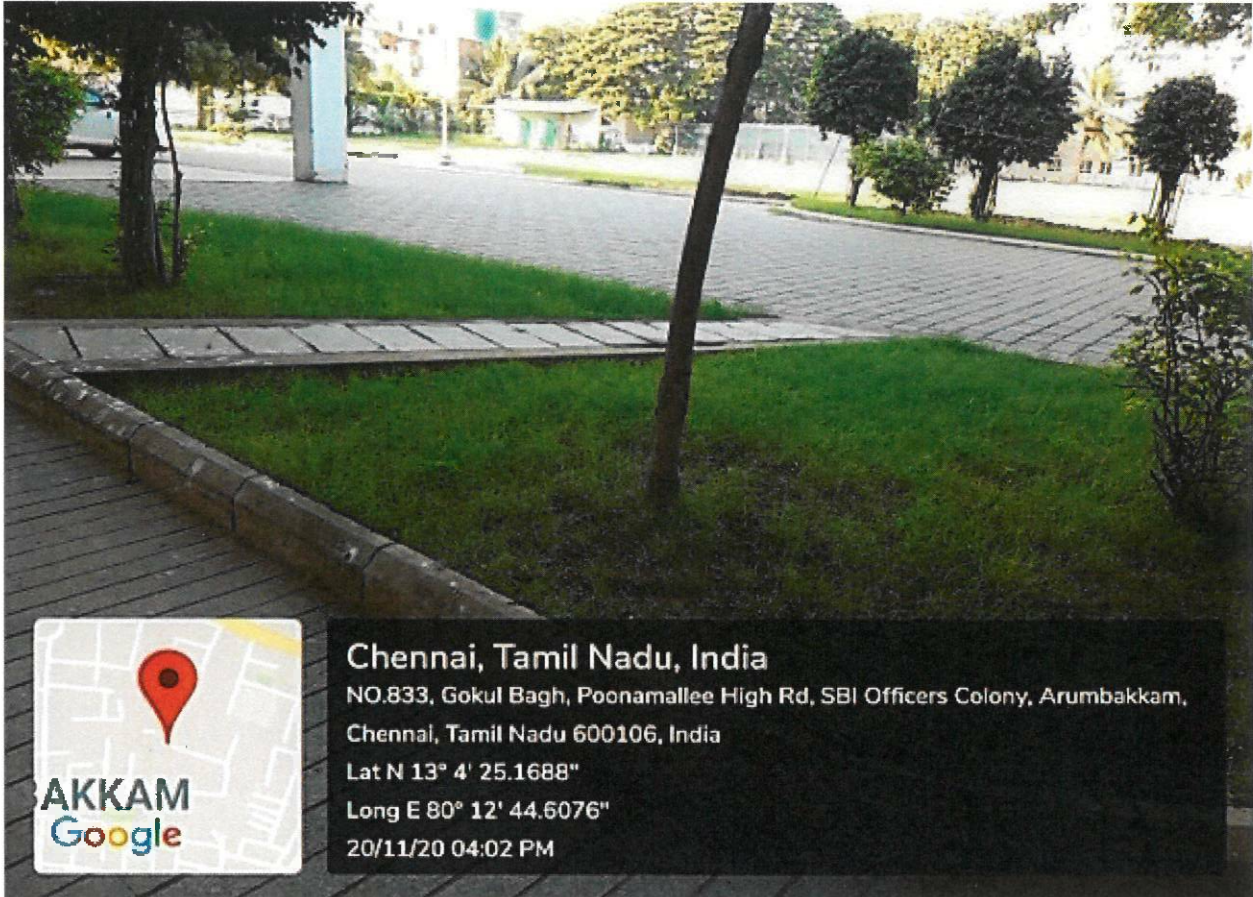
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Rain Water Harvesting

At Dwaraka Doss Goverdhan Doss Vaishnav College, rain water harvesting has been done successfully for many years. The pond provides a big ambience for saving approximately 2 TMC water every year. The pond has been connected with different ways from every part of the institution. Different pits are constructed to save every drop of water which provides main source for the ground water. It has been used by people who reside near the college.

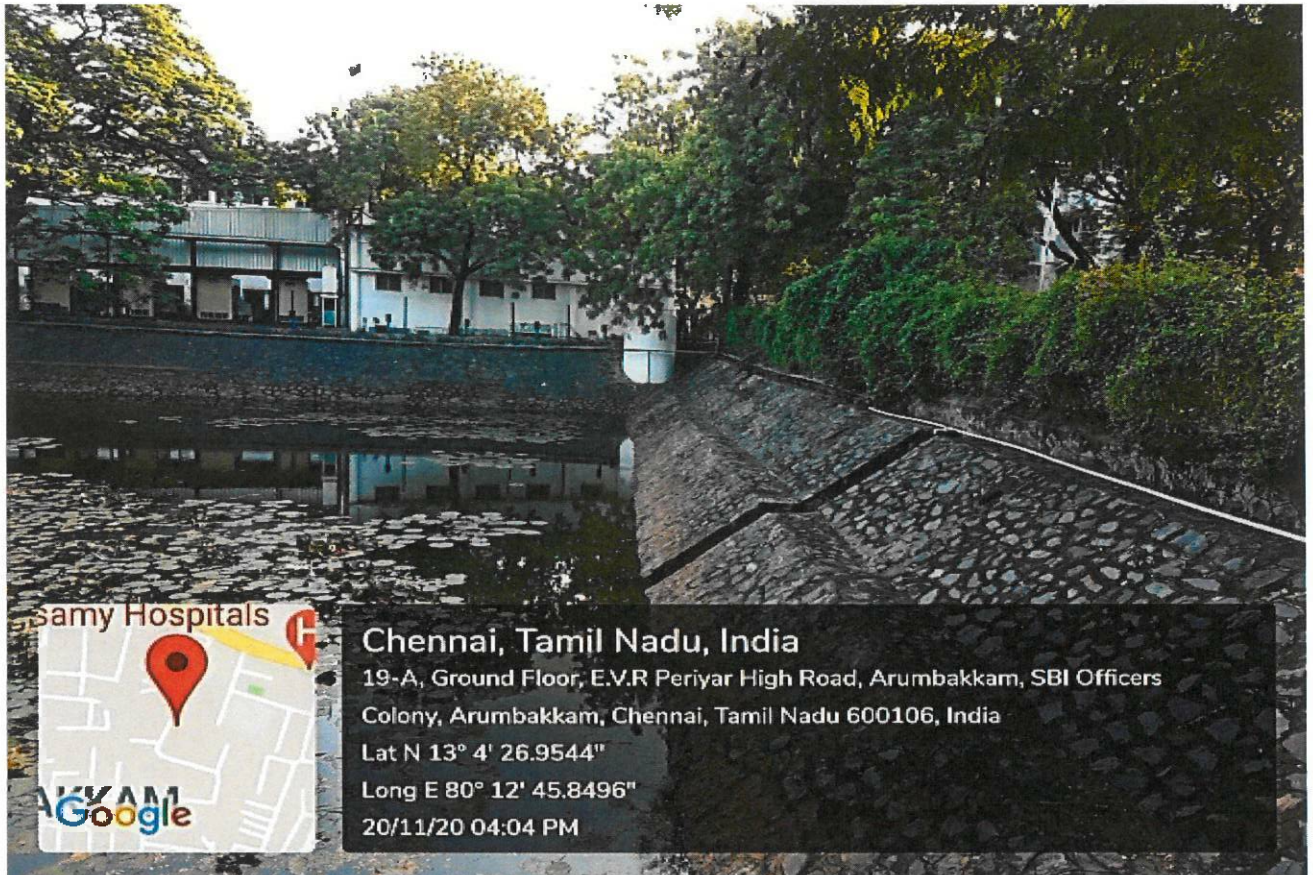


Rainwater drainage Facility near Admin Block



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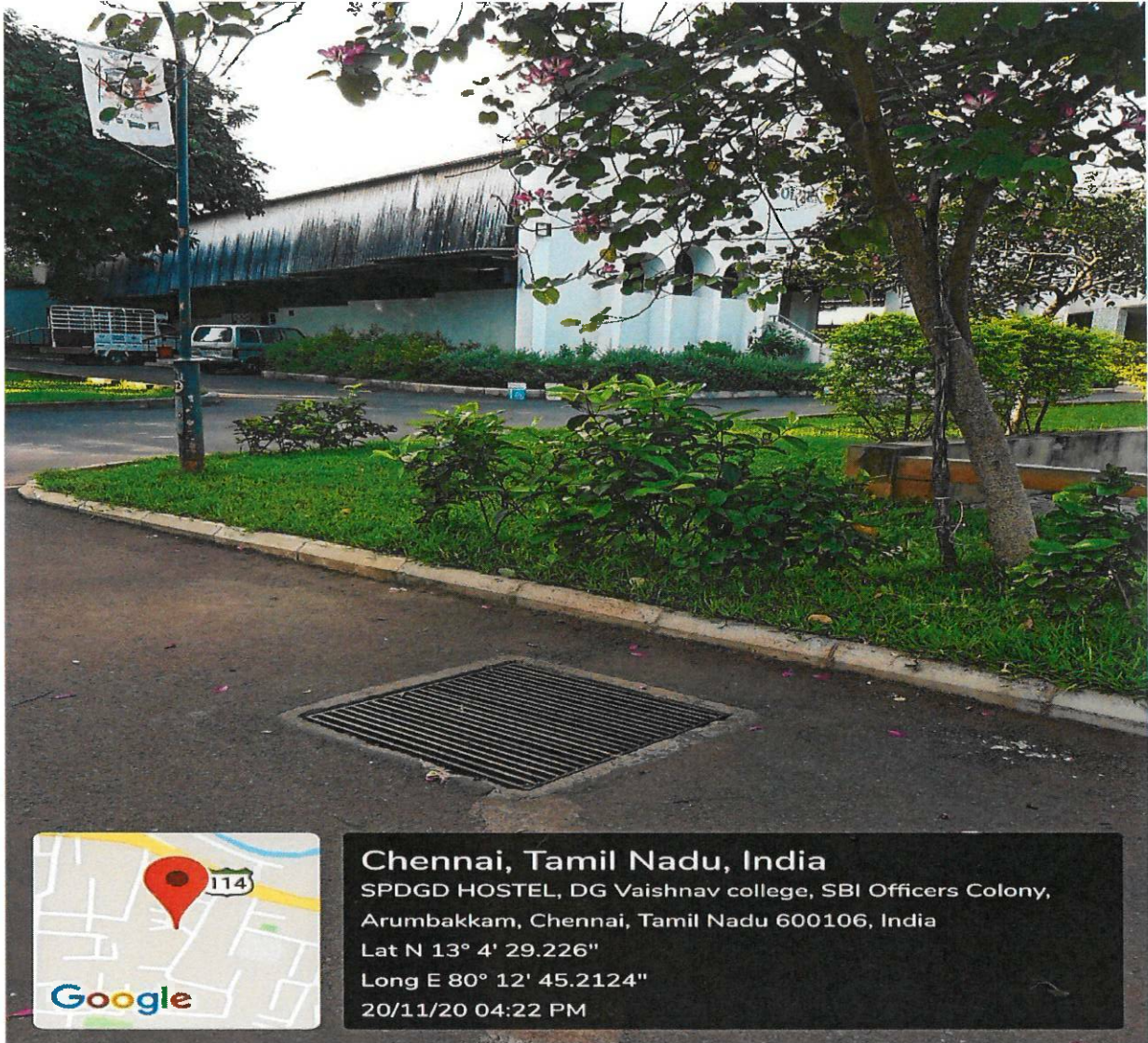


The pond which provides ground water for the college and the nearby residents



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Chennai, Tamil Nadu, India

SPDGD HOSTEL, DG Vaishnav college, SBI Officers Colony,
Arumbakkam, Chennai, Tamil Nadu 600106, India

Lat N 13° 4' 29.226"

Long E 80° 12' 45.2124"

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Rain Water Harvesting pothole near Hostel



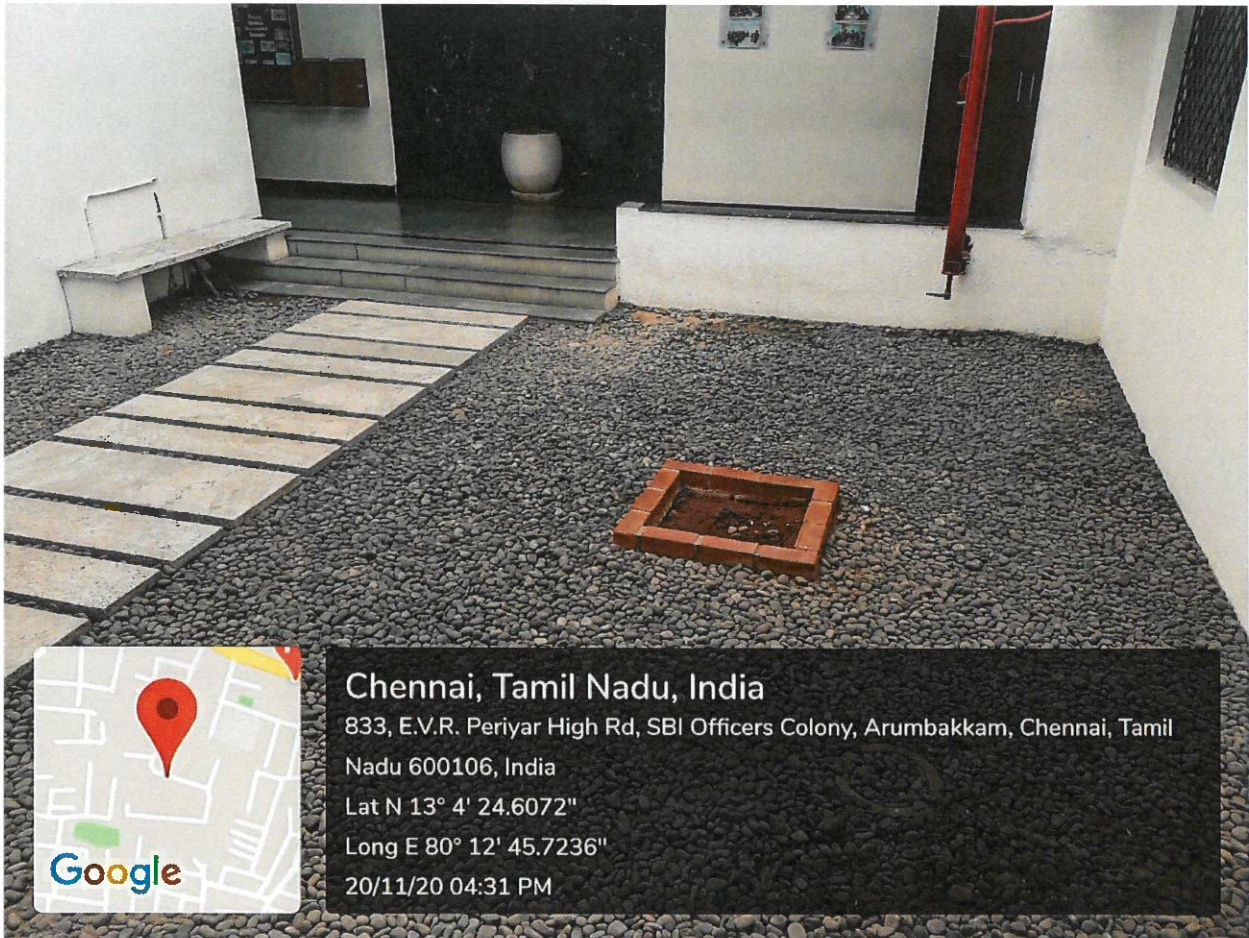
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Chennai, Tamil Nadu, India

833, E.V.R. Periyar High Rd, SBI Officers Colony, Arumbakkam, Chennai, Tamil Nadu 600106, India

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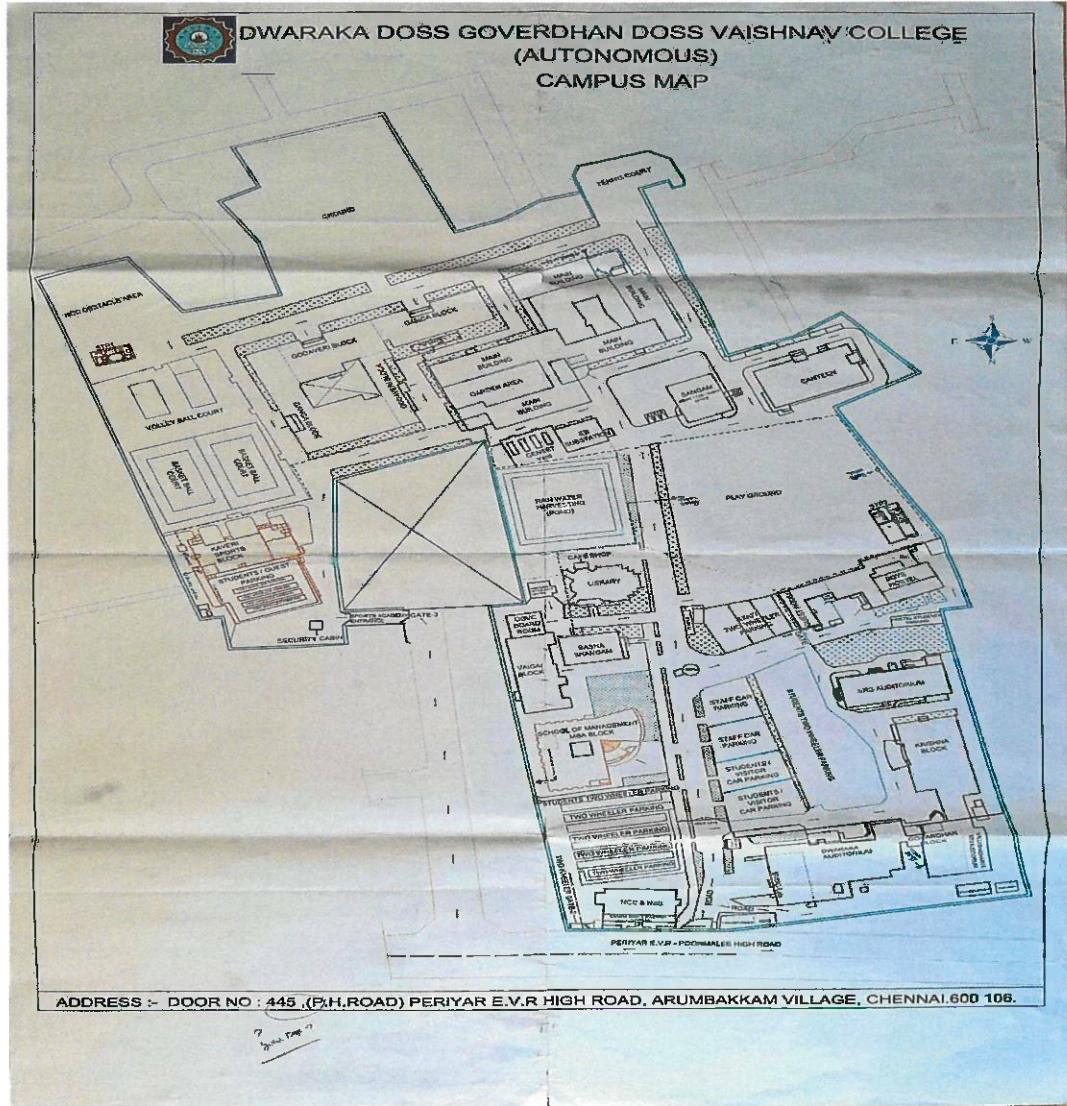
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Rain Water Harvesting pit inside MBA Block



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**Maintenance of Water Bodies and Distribution
System in the campus**



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7.1.4 Water Conservation Facilities Available in the Institution:

2. Borewell /Open Well Recharge



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Borewell/Open borewell recharge

This institution does not buy water from outside. Instead, the water which has been saved in the pond provides sufficient supply of water to the institution. There are 7 bore wells which help to get approximately 5000 to 10000 liters every day. In order to recharge the bore wells, there are around 50 pits which are constructed in different dimensions are filled with coarse gravel for adequate infiltration of water. This helps in increasing the ground water level.



One of the open bore well recharge pits behind Ganga Block



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One of the bore wells behind the Main Block



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7.1.4 Water Conservation Facilities Available in the Institution:

3. Construction of Tanks and Bunds

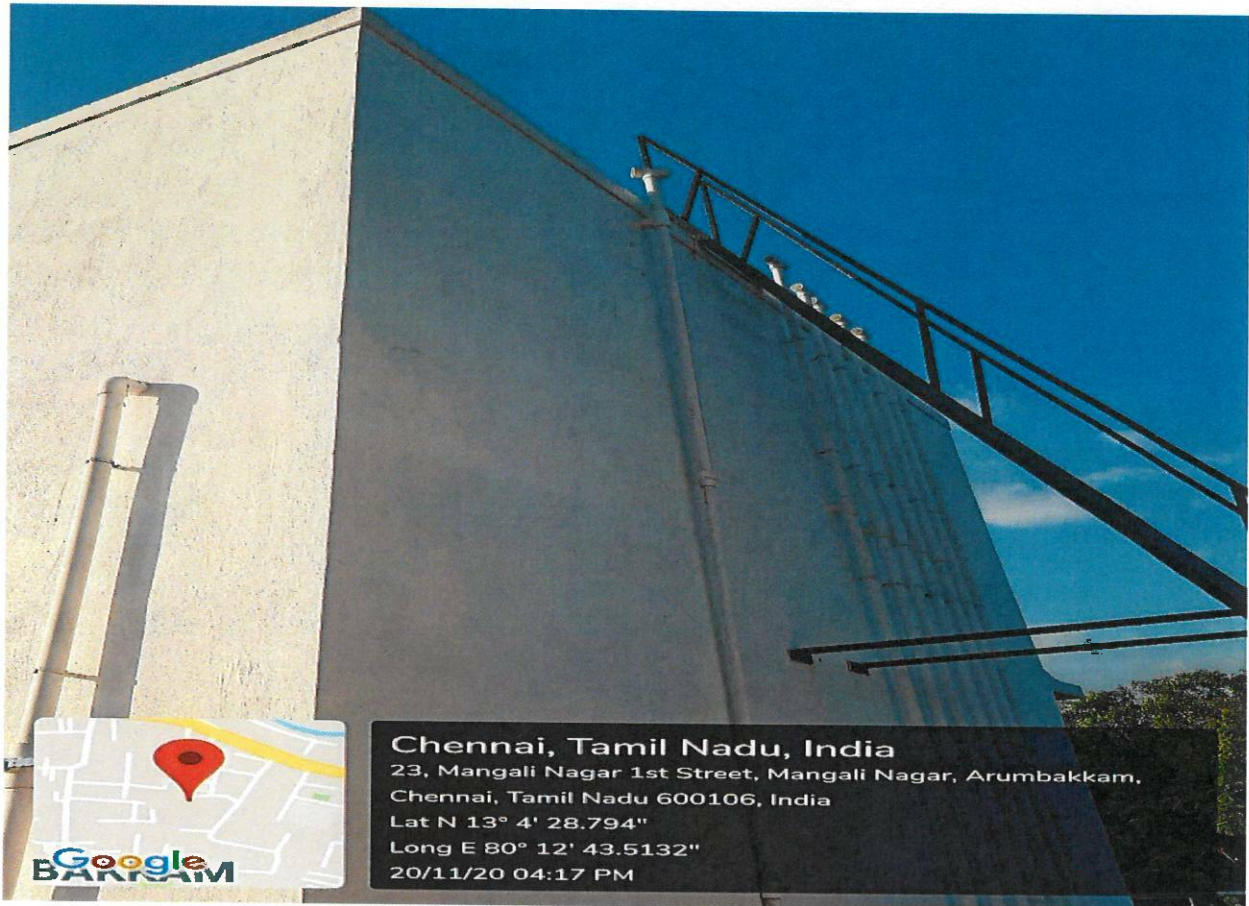


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Constructions of tanks

The institution has built various over tanks in almost all the building. The capacity of the tank may vary for each building. The institution has 13 over tanks in which the Hostel over tank has the high capacity of 25000 litres of water. Remaining tanks have the capacity of 10000 litres. Consumption of water changes according to the needs of the building. The pond is the main source for all the supply of water. It has the capacity of approximately 2 TMC water.

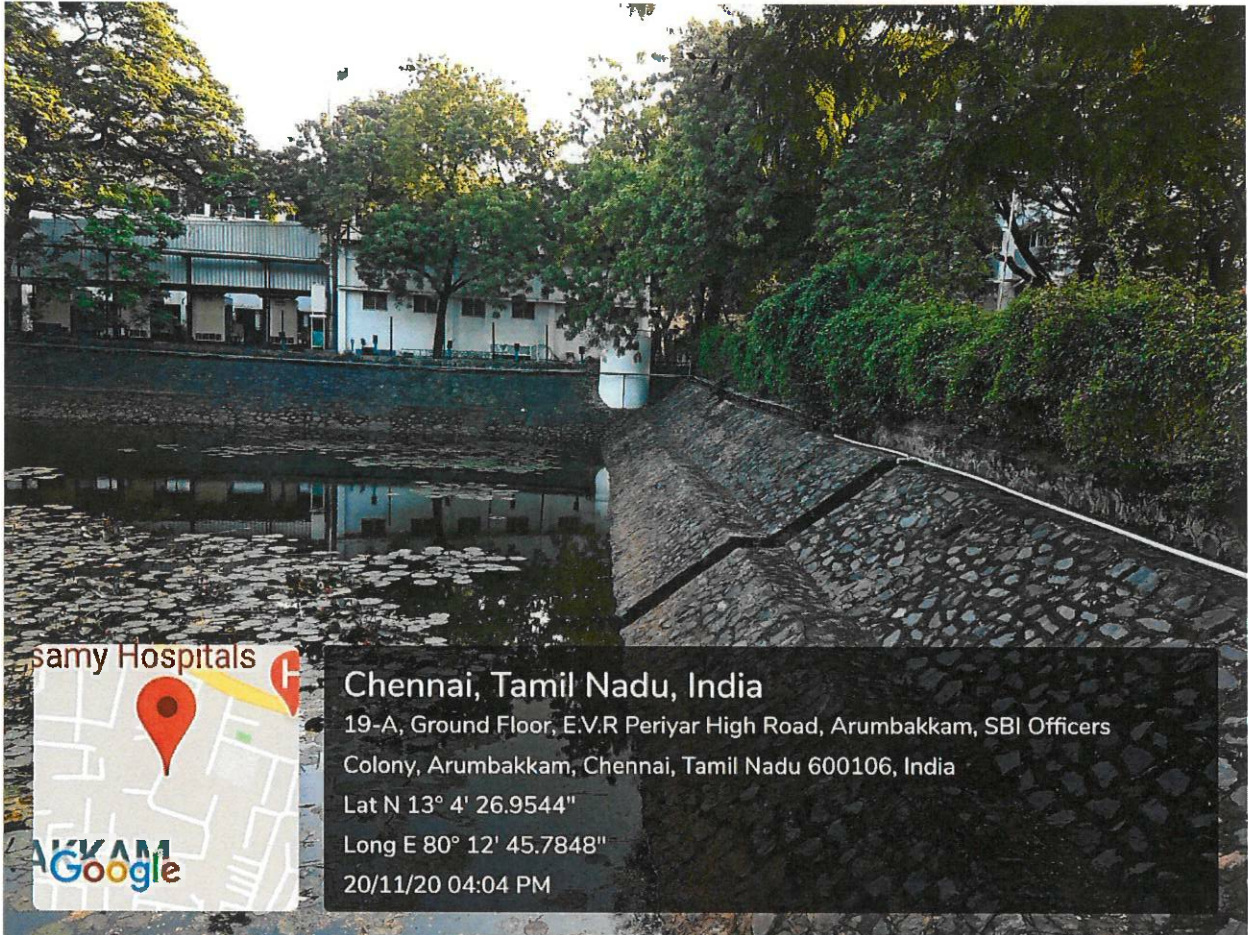


Water Tank on Hostel building Terrace



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Pond inside the college



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7.1.4 Water Conservation Facilities Available in the Institution:

4. Waste Water Recycling

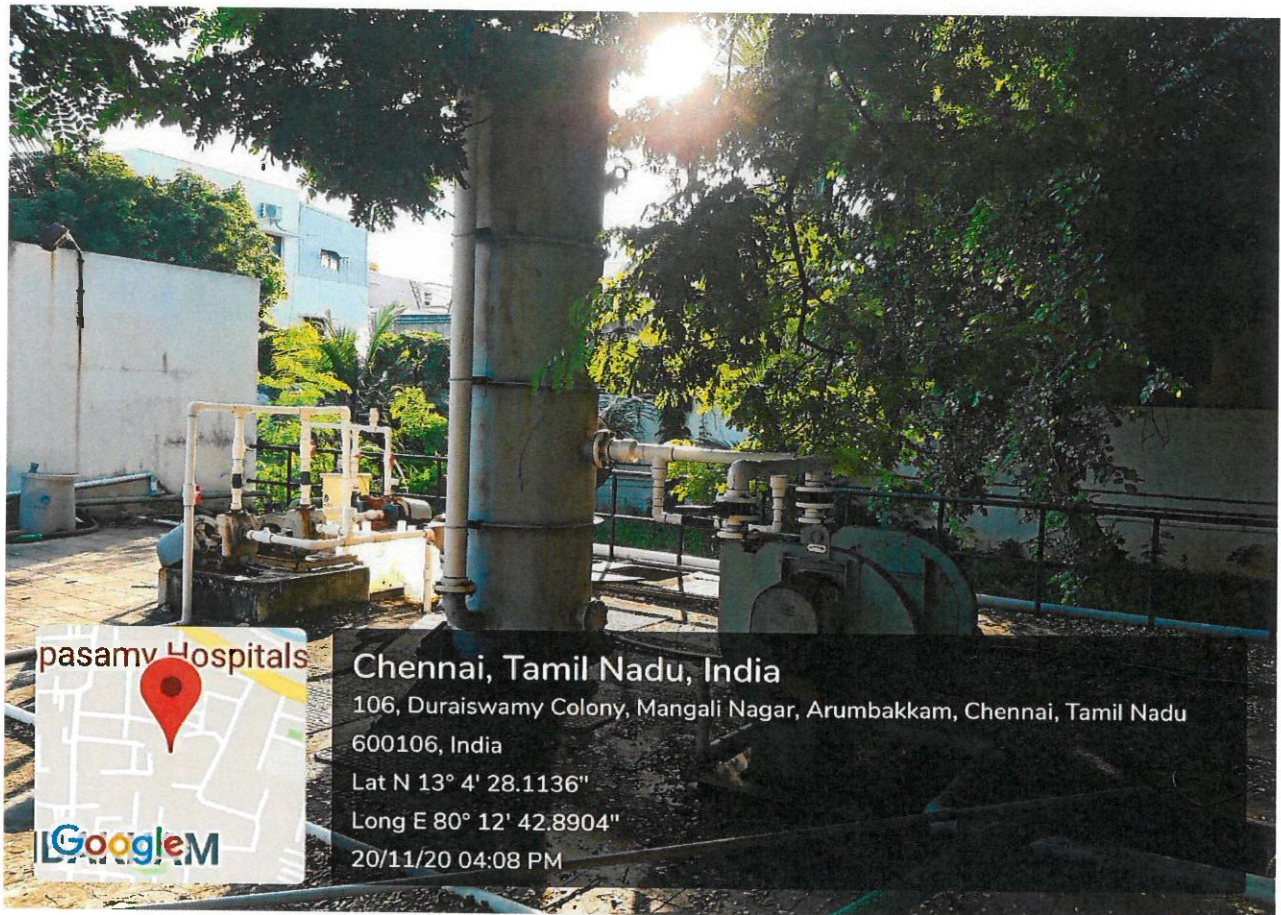


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Waste water recycling

The institution always stresses on the need of saving each and every drop of water. In connection with this, the college has taken initiatives to use the waste water to watering the trees. Every day the college needs approximately 10000 litres of water for the plants. The institution set up a plant which has the capacity of 25000 litres of water. The recycling plant does the work of recycling approximately 10000 litres of water every day which comes from every building and used for the garden.

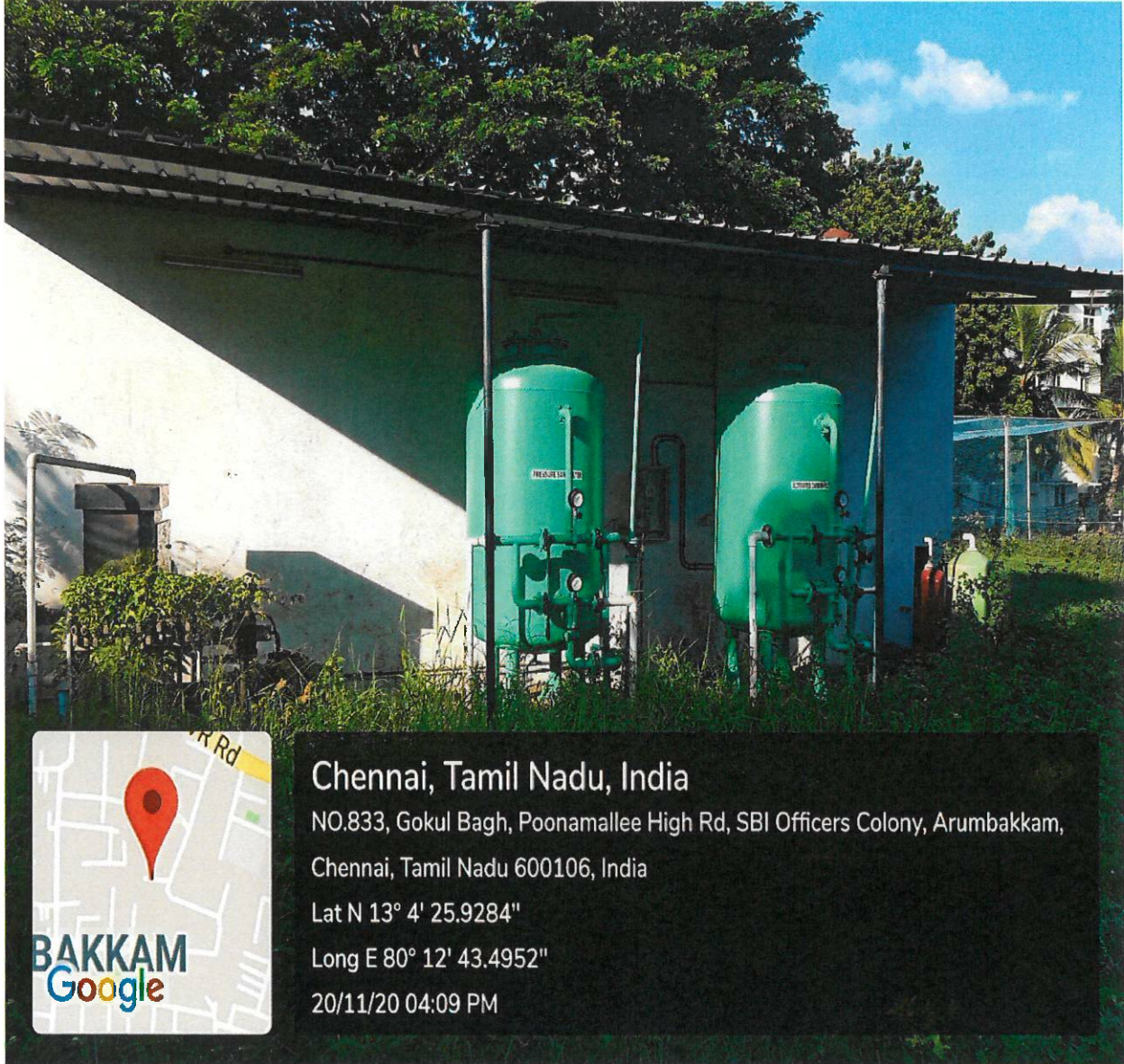


Sewage Treatment Plant Unit-I



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Chennai, Tamil Nadu, India

NO.833, Gokul Bagh, Poonamallee High Rd, SBI Officers Colony, Arumbakkam,
Chennai, Tamil Nadu 600106, India

Lat N 13° 4' 25.9284"

Long E 80° 12' 43.4952"

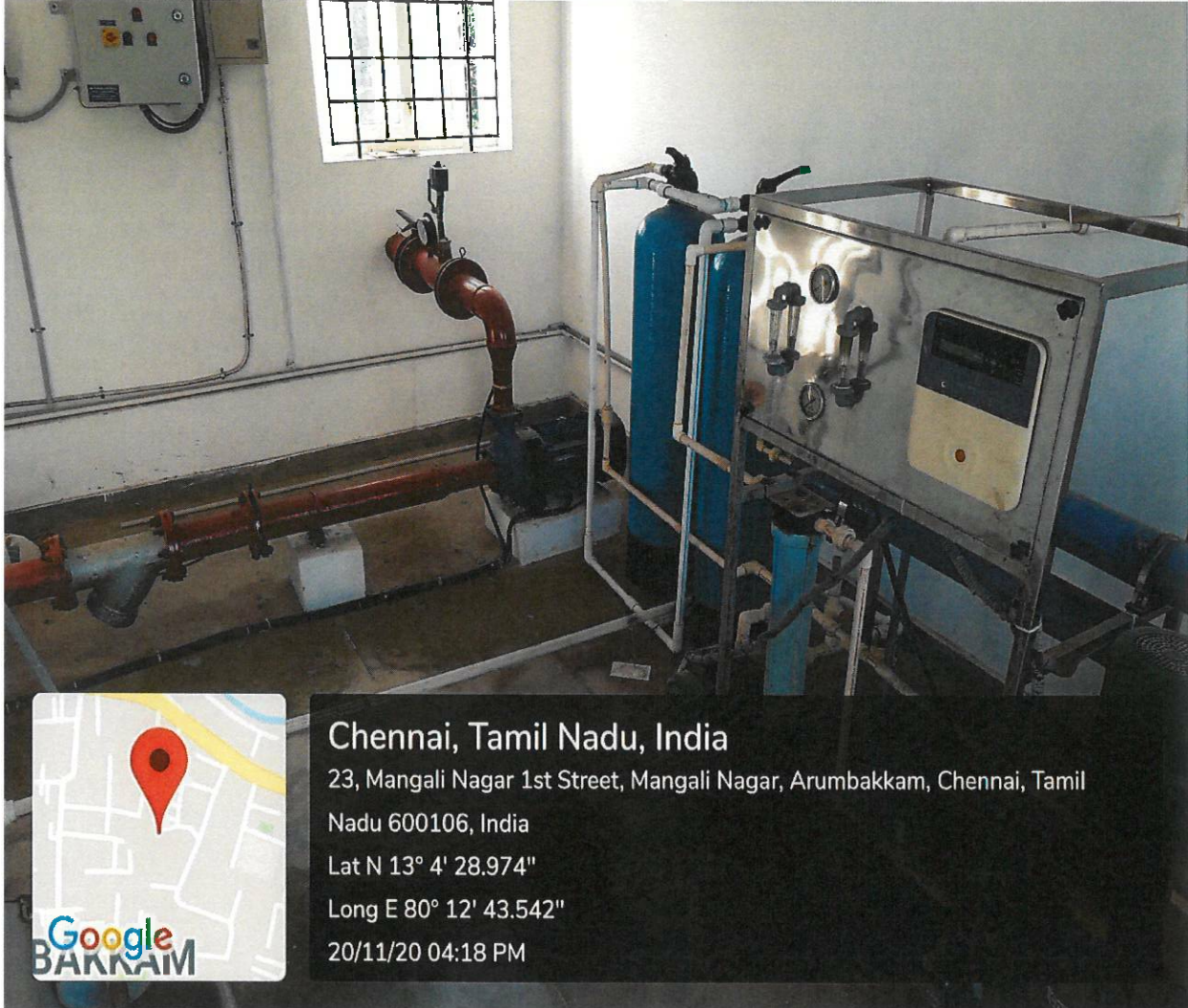
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Sewage Treatment Plant Unit beside Hostel



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Chennai, Tamil Nadu, India

23, Mangali Nagar 1st Street, Mangali Nagar, Arumbakkam, Chennai, Tamil Nadu 600106, India

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Long E 80° 12' 43.542"

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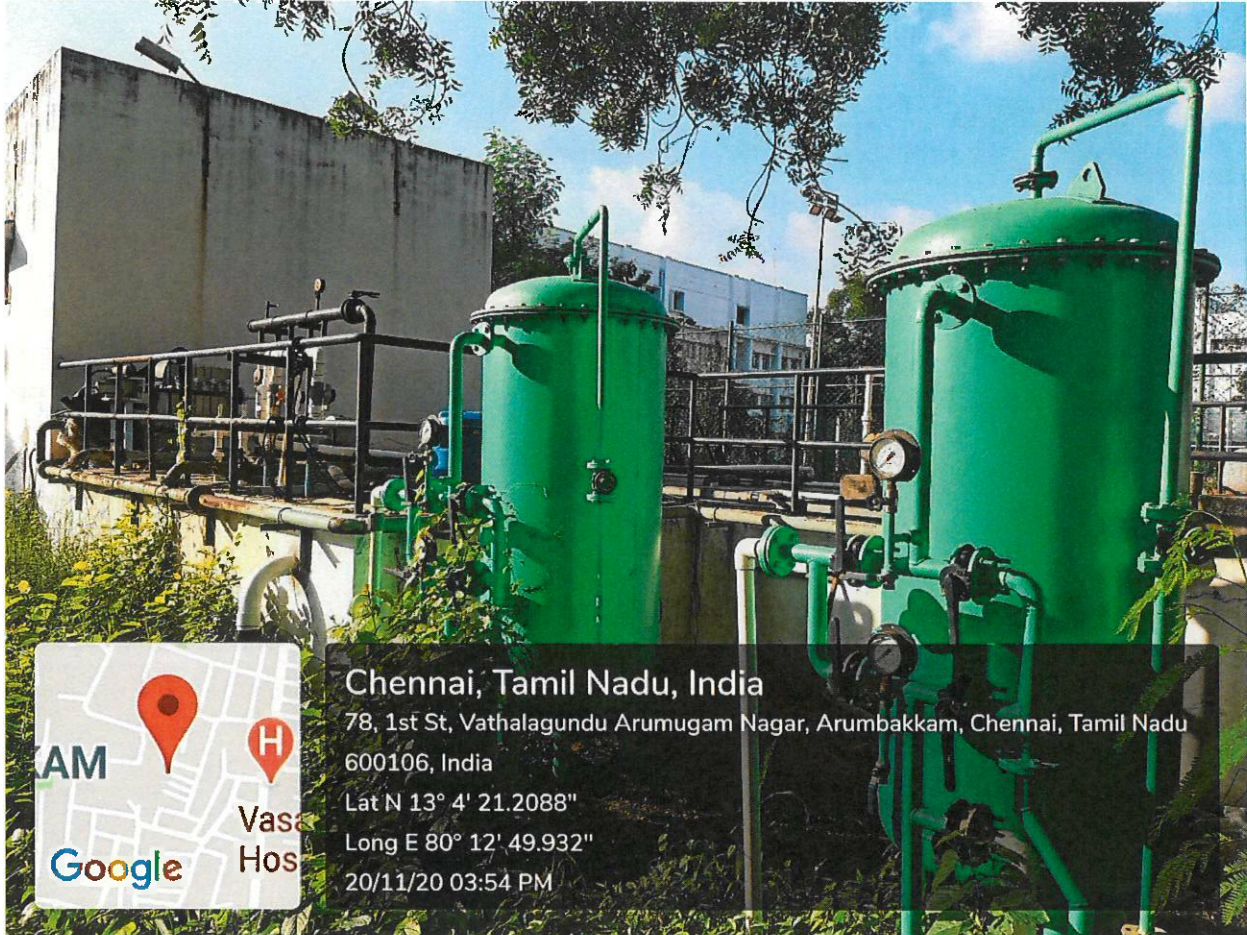
Sewage Treatment Plant Unit-Inside



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Sewage Treatment Plant Unit-II behind Ganga Block



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7.1.4 Water Conservation Facilities Available in the Institution:

5. Maintenance of Water Bodies and Distribution System in the Campus

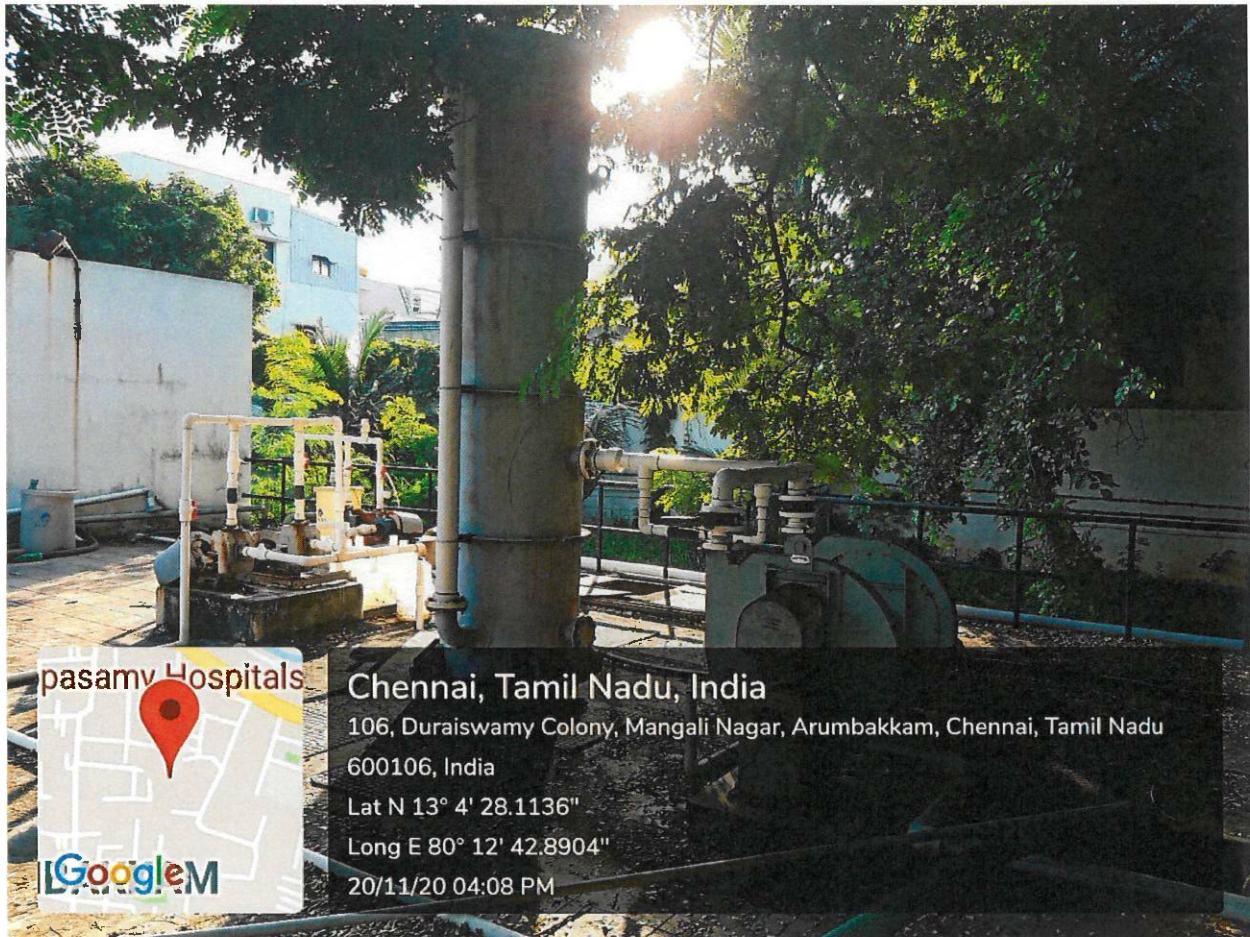


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7.1.4 5.Maintenance of Water bodies and Distribution system in the campus

At Dwaraka Doss Goverdhan Doss Vaishnav College, used water has been collected in the waste water recycling unit everyday and around 10000 litres of water recycled and used for different purposes predominately for gardening. The recycled water has been connected through proper channel and used for plants.

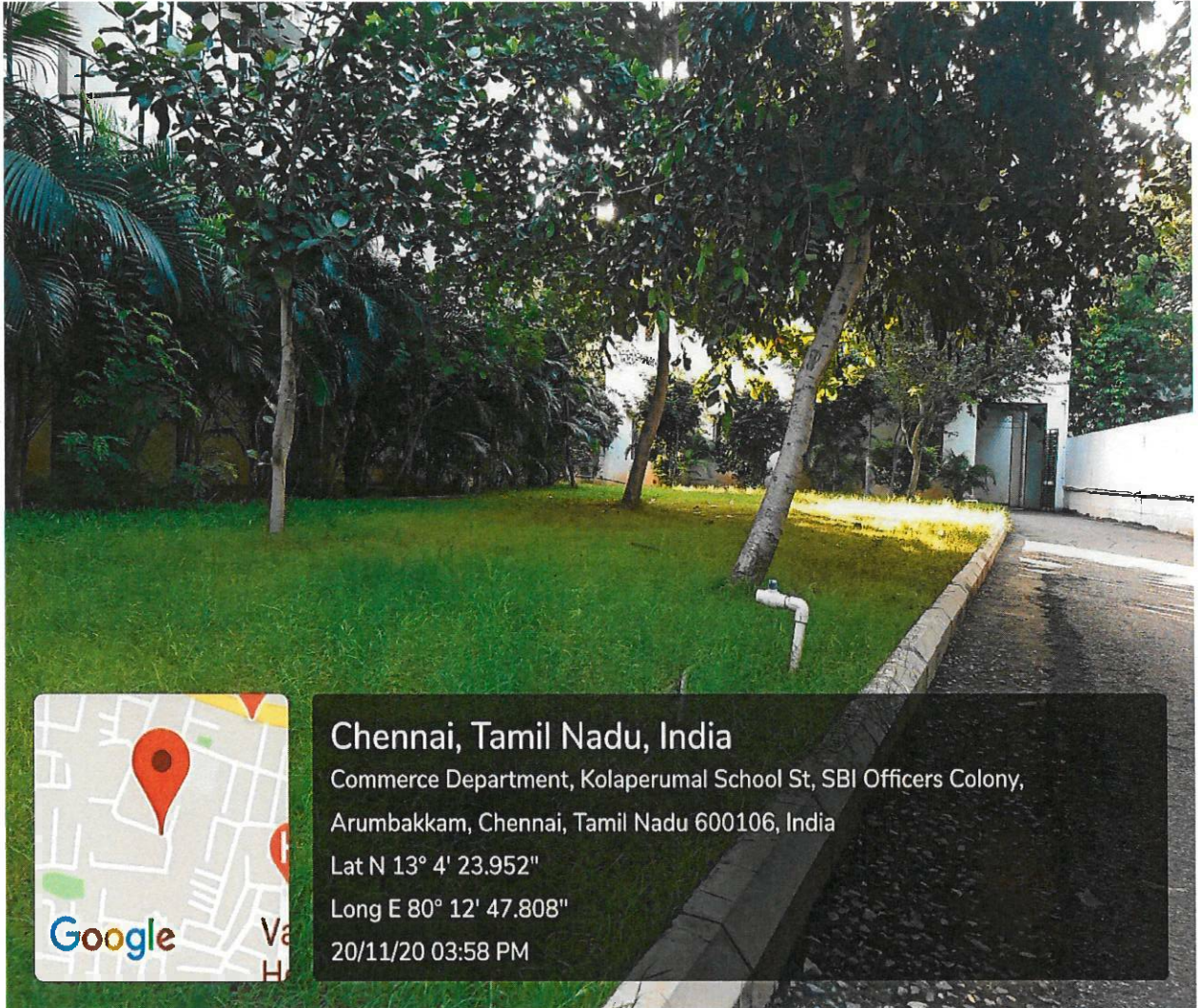


Waste Water Recycling Unit behind the Hostel



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Garden Area beside Ganga Block with water tap



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Garden area with water tap



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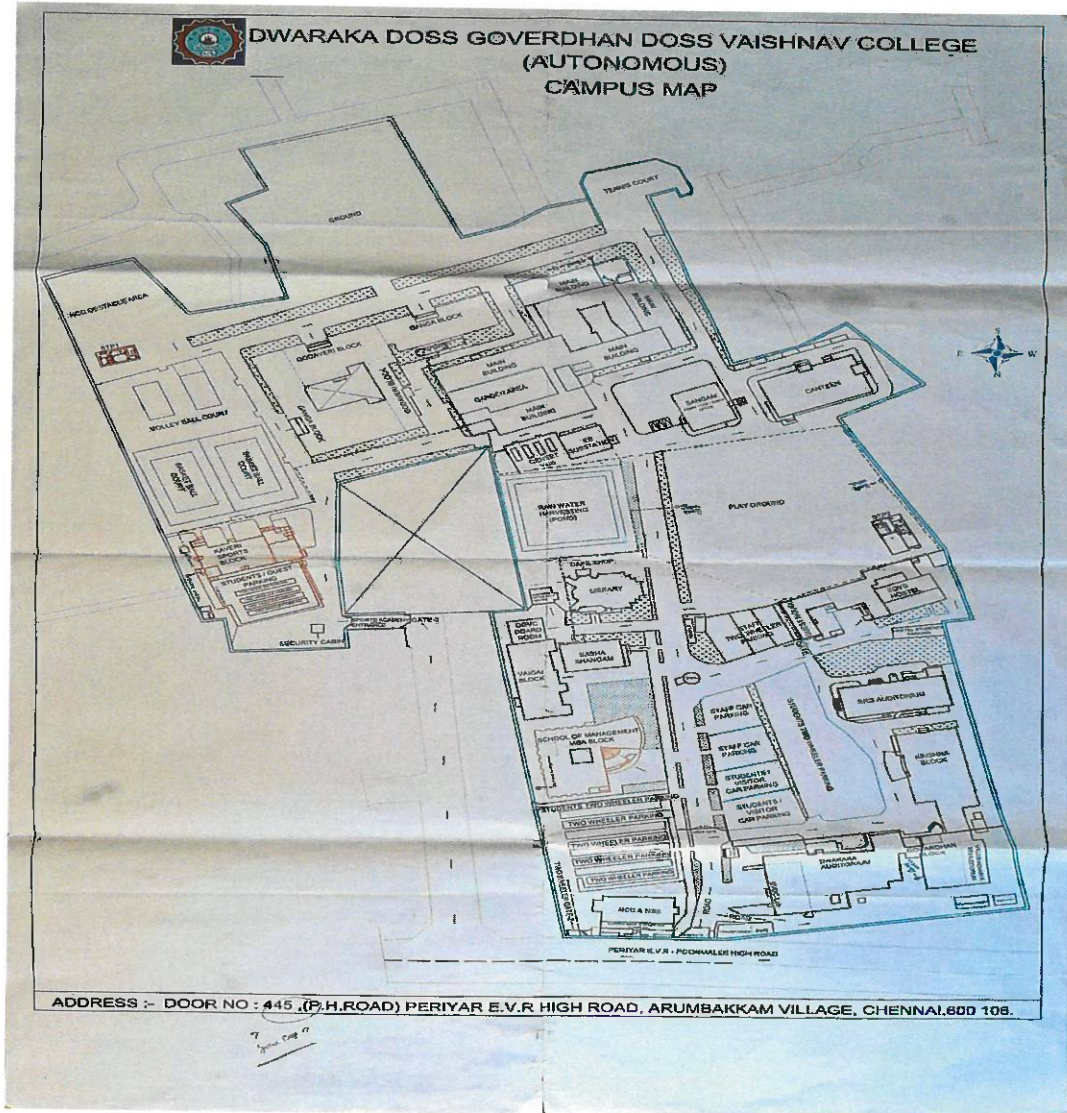


Water and drainage pipes in Main building



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Maintenance of Water Bodies and Distribution System in the campus