

### 7.1.5: Water conservation facilities available in the Institution

<b>S.No</b>	<b>Index</b>
1.	Rain water Harvesting Pits
2.	Open well Recharge
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## **WATER CONSERVATION**

Water is precious. So measures are taken to conserve water and avoid wastage of water. The institution has wells, bore wells and the water is pumped into tanks and overhead tanks from where they are supplied to colleges, hostel, hospital and staff quarters.

There are charts to advice students and patients to avoid wastage of water near the rest room and in dining rooms.

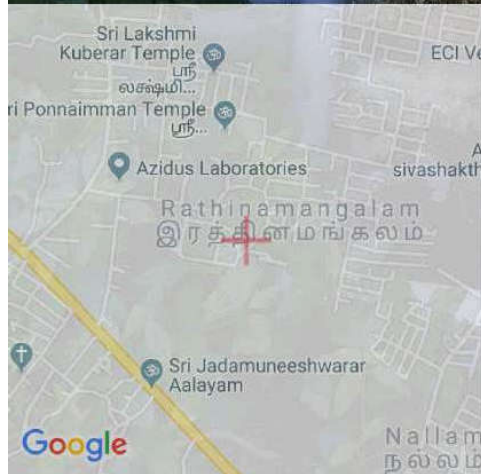
The wells are covered and protected from contamination.

Rain water harvesting is done for all buildings and also collected in tanks.

Waste water from hospitals, college and hostels and staff quarters are treated in Sewerage treatment plant and the treated water are used for watering plants and recharging the ground water.

## Rain water harvesting pit





Kanchipuram - Thirupathi Hwy, Oli Muhammed Pettai, Kanchipuram, Tamil Nadu 631502, India

Rathinamangalam

Tamil Nadu

India

2019-12-09(Mon) 03:28(pm)



30°C

86°F



RAIN WATER HARVESTING  
1-20

## Open well recharge



## Sewage sump



Unnamed Road, Rathinamangalam, Tamil Nadu 600048, India

Rathinamangalam

Tamil Nadu

India

2019-04-29(Mon) 12:08(PM)



33°C

91°F

## Sewage water line to treatment plant







Unnamed Road, Rathinamangalam, Tamil Nadu 600048, India

Rathinamangalam  
Tamil Nadu  
India

33°C  
91°F

2019-04-29(Mon) 12:10(PM)



Unnamed Road, Rathinamangalam, Tamil Nadu 600048, India

Rathinamangalam

Tamil Nadu

India

2019-04-29(Mon) 12:04(PM)



33°C

91°F

# Sewage Treatment plant facility

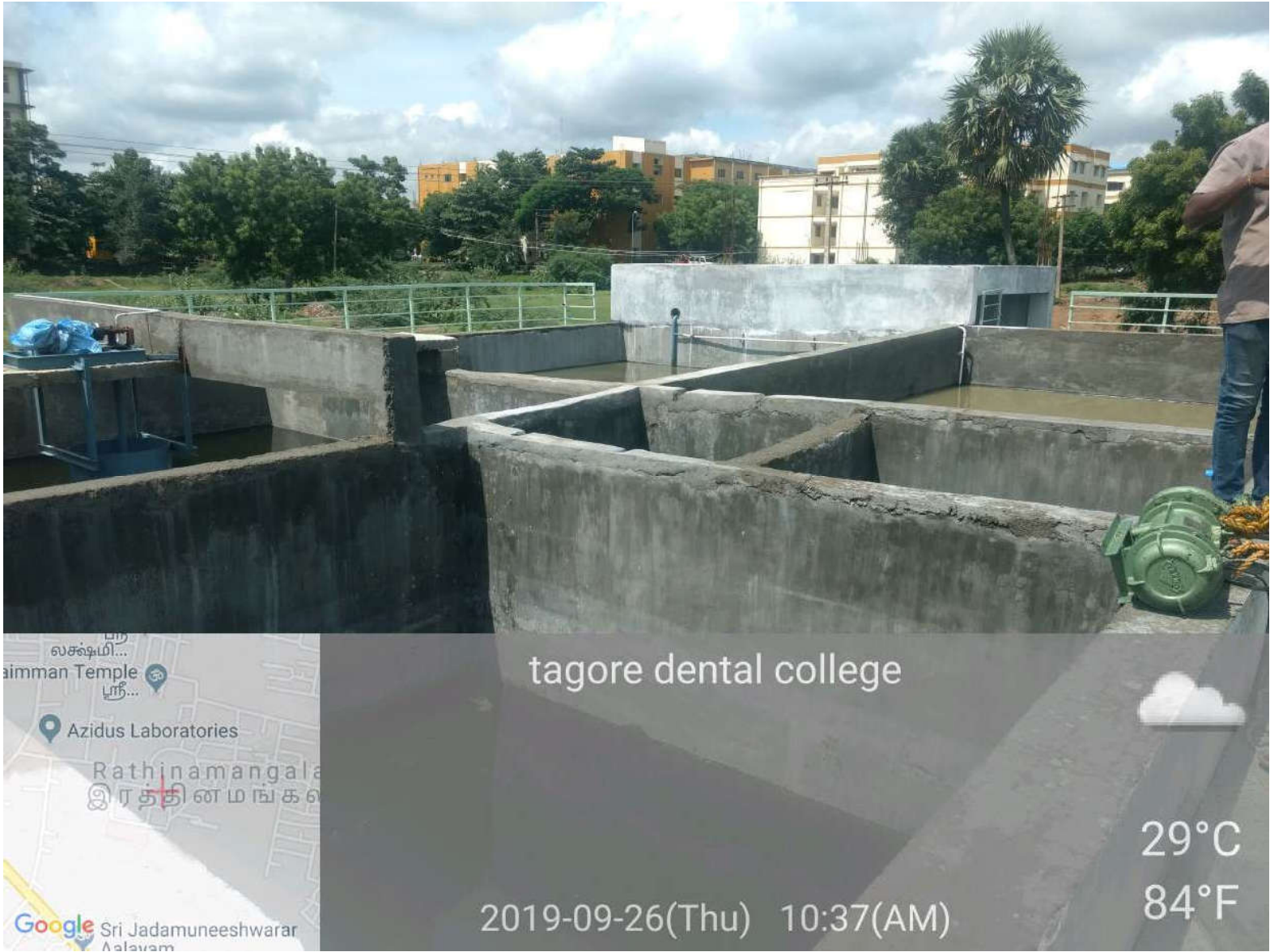


tagore dental college

29°C  
84°F

2019-09-26(Thu) 10:34(AM)

# Sewage Treatment plant facility



tagore dental college



29°C

84°F

2019-09-26(Thu) 10:37(AM)

# Sewage Treatment plant and treated water maintenance record

<b>SEWAGE TREATMENT PLANT-350 KLD</b> <b>TAGORE MEDICAL COLLEGE &amp; HOSPITAL</b> RATHINAMANGALAM, VANDALUR-KEAMBAKKAM ROAD, CHENNAI - 127 OPERATION LOG SHEET SHIFT DETAILS				
DATE	14.9.19			
DAY				
	SHIFT - I		SHIFT - II	
	ON	OFF	ON	OFF
BLOWER - I	Full working			
BLOWER - II				
BLOWER - III				
RAW WATER PUMP - I				
1. Near Store				
2. Near Gas Mainfold			10:00	12:00
3. Backside of Anatomy Lab	8:40	11:40	2:00	3:00
4. New Laundry			3:00	4:00
5. MBBS Boys Hostel			10:00	12:00
6. Staff Nurse Quarters			12:00	2:00
RAW WATER PUMP - II	3:00	6:00		
1. Old Laundry				
2. New Hospital				
3. Dental Boys Hostel	1:00	2:00	2:00	3:00
4. Dental College			10:00	12:00
5. MBBS Girls Hostel	1:00	3:00		
6. Staff Quarters - I			1:00	3:00
7. Staff Quarters - II	3:00	5:00		
SLUDGE PUMP I				
SLUDGE PUMP II				
BACKWASH TIMING	9:00			
TREATED PUMP I		10:00		
<b>DOSING DETAILS</b>				
Sodium Hypo Chloride	2L			
MLSS				
PH of Raw Water				
Ph of Treated Water				
Remarks :				
Operation Name				
Signature of Supervisor	Dr. Sankar		D. Sankar	
Signature of Engineer	S. S. S.			

# SEWAGE TREATMENT PLANT-350 KLD TAGORE MEDICAL COLLEGE & HOSPITAL

RATHINAMANGALAM, VANDALUR-KEAMBAKKAM ROAD, CHENNAI - 127

OPERATION LOG SHEET

SHIFT DETAILS



DATE

15.09.19

DAY

SHIFT - I

SHIFT - II

ON

OFF

ON

OFF

BLOWER - I

BLOWER - II

BLOWER - III

RAW WATER PUMP - I

1. Near Store

2. Near Gas Mainfold

3. Backside of Anatomy Lab

4. New Laundry

5. MBBS Boys Hostel

6. Staff Nurse Quarters

RAW WATER PUMP - II

1. Old Laundry

2. New Hospital

3. Dental Boys Hostel

4. Dental College

5. MBBS Girls Hostel

6. Staff Quarters - I

7. Staff Quarters - II

SLUDGE PUMP I

SLUDGE PUMP II

BACKWASH TIMING

TREATED PUMP I

DOSING DETAILS

Sodium Hypo Chloride

MLSS

PH of Raw Water

Ph of Treated Water

Remarks :

Operation Name

Signature of Supervisor

Signature of Engineer

*1*  
*all working*

*3:00*

*5:00*

*12:00*

*2:00*

*3:00*

*4:00*

*1:00*

*3:00*

*9:00*

*11:00*

*10:00*

*12:00*

*2:00*

*4:00*

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*2:00*

*4:00*

*3:00*

*5:00*

*12:00*

*2:00*

*9:00*

*9:30*

*21*

*[Signature]*

*[Signature]*

*A.N.M*

# SEWAGE TREATMENT PLANT-350 KLD TAGORE MEDICAL COLLEGE & HOSPITAL

RATHINAMANGALAM, VANDALUR-KEAMBAKKAM ROAD, CHENNAI - 127

OPERATION LOG SHEET

SHIFT DETAILS



DATE

16.9.19

DAY

SHIFT - I

SHIFT - II

ON

OFF

ON

OFF

BLOWER - I

BLOWER - II

BLOWER - III

RAW WATER PUMP - I

1. Near Store

2. Near Gas Mainfold

3. Backside of Anatomy Lab

4. New Laundry

5. MBBS Boys Hostel

6. Staff Nurse Quarters

RAW WATER PUMP - II

1. Old Laundry

2. New Hospital

3. Dental Boys Hostel

4. Dental College

5. MBBS Girls Hostel

6. Staff Quarters - I

7. Staff Quarters - II

SLUDGE PUMP I

SLUDGE PUMP II

BACKWASH TIMING

TREATED PUMP I

DOSING DETAILS

Sodium Hypo Chloride

MLSS

PH of Raw Water

Ph of Treated Water

Remarks :

Operation Name

Signature of Supervisor

Signature of Engineer

*Handwritten: All Working*

*Handwritten: 9:00*

*Handwritten: 12:00*

*Handwritten: 9:00*

*Handwritten: 12:00*

*Handwritten: 12:00*

*Handwritten: 3:00*

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*Handwritten: 9:00*

*Handwritten: 12:00*

*Handwritten: 2L*

*Handwritten: 2L*

*Handwritten: 7.9*

*Handwritten Signature*

*Handwritten Signature*

*Handwritten: (Signature)*

# SEWAGE TREATMENT PLANT-350 KLD TAGORE MEDICAL COLLEGE & HOSPITAL

RATHINAMANGALAM, VANDALUR-KEAMBAKKAM ROAD, CHENNAI - 127

OPERATION LOG SHEET

SHIFT DETAILS



DATE	3.12.19			
DAY				
	SHIFT - I		SHIFT - II	
	ON	OFF	ON	OFF
BLOWER - I				
BLOWER - II				
BLOWER - III				
RAW WATER PUMP - I				
1. Near Store			10:00 AM	12:00 AM
2. Near Gas Mainfold	2:00 PM	4:00 PM	3:00 AM	3:00 AM
3. Backside of Anatomy Lab			7:00 AM	
4. New Laundry			10:00 PM	10:00 AM
5. MBBS Boys Hostel				
6. Staff Nurse Quarters			3:00 AM	3:00 AM
RAW WATER PUMP - II				
1. Old Laundry				
2. New Hospital	2:00 PM	4:00 PM	7:00 AM	3:00 AM
3. Dental Boys Hostel				
4. Dental College				
5. MBBS Girls Hostel				
6. Staff Quarters - I				
7. Staff Quarters - II	3:00 PM	5:00 PM		
SLUDGE PUMP I				
SLUDGE PUMP II				
BACKWASH TIMING	10:00 AM	11:00 AM		
TREATED PUMP I				
DOSING DETAILS				
Sodium Hypo Chloride	2L			
MLSS				
PH of Raw Water				
Ph of Treated Water				
Remarks :				
Operation Name	D. Srinivasan		M. Ramesh	
Signature of Supervisor	D. Srinivasan		M. Ramesh	
Signature of Engineer				



# Sewage Treatment plant facility



# Sewage Treatment plant facility



## Code of Conduct for visitors on conservative use of water resources:



TOILET - BOYS

DISABLED TOILET



Kanchipuram - Thirupathi Hwy, Oli Muhammed Pettai, Kanchipuram, Tamil Nadu 631502, India

Rathinamangalam

Tamil Nadu

India

2020-01-02(Thu) 10:05(am)



28°C

82°F

# Code of Conduct for visitors on conservative use of water resources:

**Please do not Flush**

Even though a product may be small enough to be flushed, does not mean it should be. Flushing items that are not meant to be flushed, including those labeled flushable, can lead to problems in the sewer system, at the wastewater treatment facility, and for the environment.

**NO! DO NOT FLUSH**

- SANITARY WIPES
- FEMININE HYGIENE PRODUCTS
- MEDICATIONS & SUPPLEMENTS
- TRASH
- METALS & PLASTICS
- FATS, OILS & GREASE
- CHEMICALS

Kanchipuram - Thirupathi Hwy, Oli Muhammed Pettai, Kanchipuram, Tamil Nadu 631502, India

Rathinamangalam  
Tamil Nadu  
India

2020-01-02(Thu) 10:07(am)

28°C  
82°F