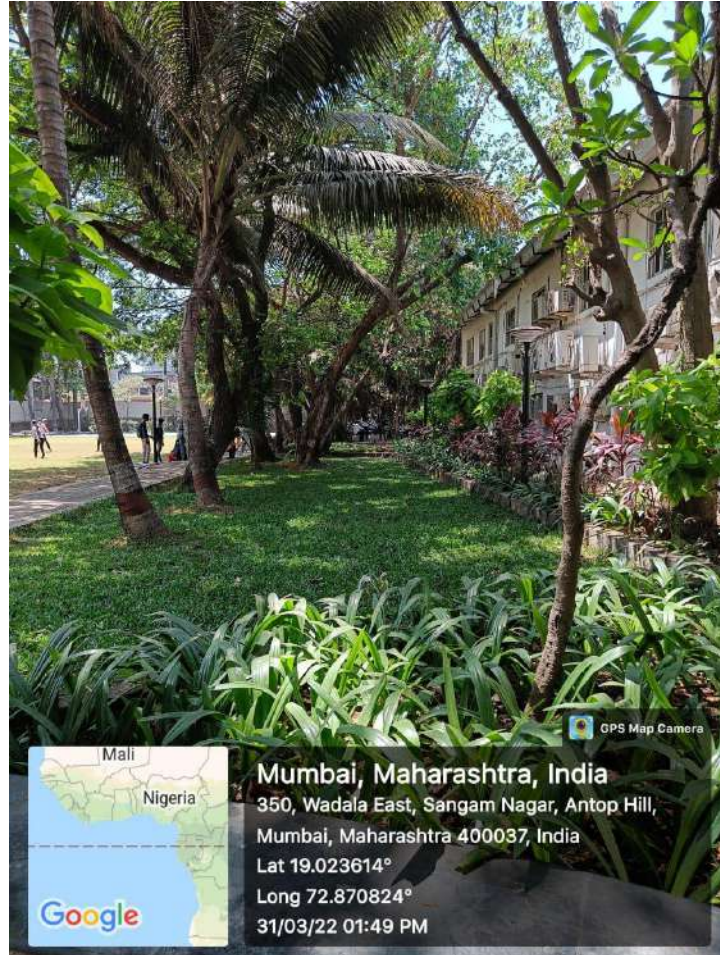


## 1. Rain water harvesting

VSIT has taken sustainable initiative towards conserving water through a wide expanse of well-maintained green landscape which has been deliberately included on the campus to keep the ground porous so that rainwater can be collected through natural means to recharge the water table.

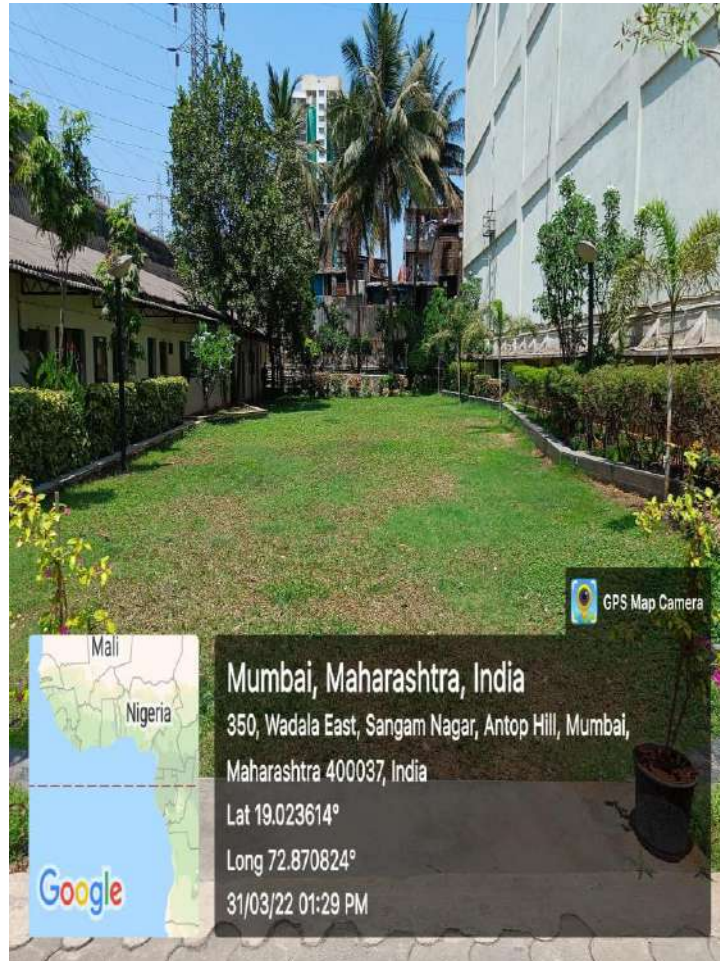












It helps in improving the quality and increasing the level of ground water. It also helps in improving the overall floral system and reduces the loss of top layer of the soil. Rainwater harvesting practices at VSIT include water table recharging.

Vidyalankar Dnyanapeeth Trust's  
**Vidyalankar Institute of Technology**  
Vidyalankar College Marg, Wadala (E), Mumbai-400037  
24161126  
vidyalankar.edu.in

**Purchase Order**

To,

CANARA FACILITIES MANAGEMENT PVT.LTD.,  
MAHIM - EAST, JASMINE MILL RD., MUMBAI - 400017  
022-24078956 /

PO Number : 04708  
PO Date : 13-01-2022

Contact Person :---

Please arrange to supply following to Vidyalankar Institute of Technology.  
Furnish Delivery Challan and Cash Memo / Invoice along with delivered goods.

Sr. No.	Item Name	Item Remarks	Quantity	Unit Rate (₹)	Total Amount (₹)	Add Taxes (GST)
1	SERVICE CONTRACT	AMC-GARDEN MAINTENANCE- DEC'21	1(Number)	33110.00	33110.00	18.00
Total Amount :					33110.00#	# + Taxes as Above
Round Off Amount :					₹ 33110.00	
Amount in Words : Thirty Three Thousand One Hundred and Ten rupees only						

PO Remarks :DEC'21

\*AMOUNT WILL BE PAID AS PER PURCHASE ORDER OR AT ACTUALS, WHICHEVER IS LESS.

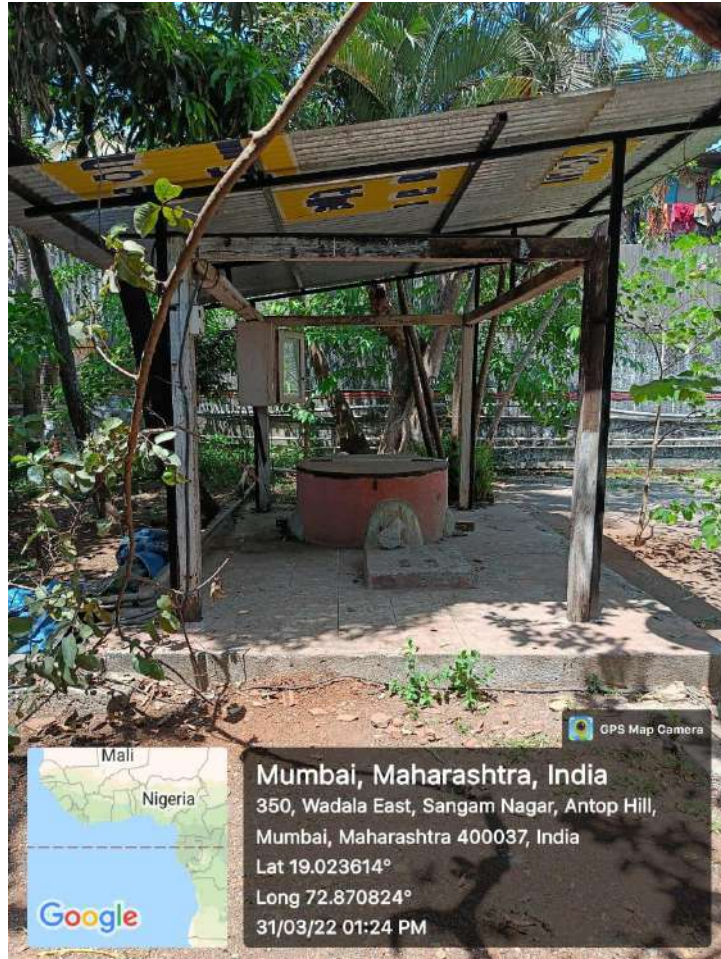
Principal

For Vidyalankar Institute of Technology (VIT)



## 2. Bore well /Open well recharge

As the ground water contains more dissolved solids, hence it is used in the washroom.



### 3. Construction of tanks and bunds







#### 4. Waste water recycling

Water conservation measures are in place at the Institute such as Sewage Treatment Plant.







Vidyalankar Dnyanapeeth Trust's  
Vidyalankar Institute of Technology  
Vidyalankar College Marg, Wadala (E), Mumbai-400037  
24161126  
vidyalankar.edu.in

**VIT** | Vidyalankar  
Institute of  
Technology  
Accredited A+ by NAAC

**Purchase Order**

To,

KLEAN LABORATORIES AND RESEARCH (P) LTD.,  
MUMBAI -  
022-24453695 /

PO Number : 04809

PO Date : 14-03-2022

Contact Person :---

Please arrange to supply following to Vidyalankar Institute of Technology.

Furnish Delivery Challan and Cash Memo / Invoice along with delivered goods.

Sr. No.	Item Name	Item Remarks	Quantity	Unit Rate (₹)	Total Amount (₹)	Add Taxes (GST)
1	SERVICE CONTRACT	AMC - OPERATION & MAINTENANCE FOR SEWAGE TREATMENT PLANT FOR - FEB'22	1(Number)	15110.00	15110.00	18.00
Total Amount :					15110.00#	# + Taxes as Above
Round Off Amount :					₹ 15110.00	
Amount in Words :Fifteen Thousand One Hundred and Ten rupees only						

PO Remarks :FEB'22

\*AMOUNT WILL BE PAID AS PER PURCHASE ORDER OR AT ACTUALS, WHICHEVER IS LESS.

Principal

For Vidyalankar Institute of Technology (VIT)



## 5. Maintenance of water bodies and distribution system on the campus

VSIT gets water from BMC (Municipal Water Supply), ground water well and Sewage Treatment Plant. Looking at the current requirement of water and water table of VSIT, the Institute is well-equipped with adequate water resources.

**EQUINOX LABS**

### EQUINOX TEST CERTIFICATE

Reference Number : EQNX:MUM:LAB: W:17:06:0945

#### PARTICULARS OF SAMPLE ANALYSED

Client Name	: Vidyalankar Institute of Technology	Sampling Protocol	: III.4.1.1 & III.4.1.5
Address	: Sangam Nagar, Wadala (E), Mumbai - 400 037.	Date of Sampling	: 10-Jun-17
Contact Person	: Mr. Shailesh Mhapuskar	Date of Receipt	: 12-Jun-17
Sampling Location	: 1st Floor, VSIT	Date of Start of Analysis	: 12-Jun-17
Sample Description	: Aquaguard Water	Date of End of Analysis	: 17-Jun-17
Sample Drawn By	: Equinox Solutions	Date of Report	: 19-Jun-17
Sample Quantity & Condition	: 1 Ltr. water in a white H.D.P bottle and 130ml water in a sterilized plastic bottle. Both bottles are intact without any leaks.		


#### RESULTS OF ANALYSIS

Sr.No.	Chemical Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500)
1	Turbidity	N.T.U	IS:3025:Part 10:1984	<1	Max 1
2	Colour	Hazen units	IS:3025:Part 4:1983	<1	Max 5
3	pH-Value	-	IS:3025:Part 11:1983	7.80	6.5-8.5
4	Odour	-	IS:3025:Part 5:1983	Agreeable	Agreeable
5	Taste	-	IS:3025:Part 8:1984	Agreeable	Agreeable
6	Electrical Conductivity	µS / cm	IS:3025:Part 14:1984	70.9	Not specified
7	Total Dissolved Solids	mg / l	IS:3025:Part 16:1984	55	Max 500
8	Total Alkalinity, as CaCO <sub>3</sub>	mg / l	IS:3025:Part 23:1986	29.6	Max 200
9	P - Alkalinity, as CaCO <sub>3</sub>	mg / l	IS:3025:Part 23:1986	<1	Not specified
10	Total Hardness, as CaCO <sub>3</sub>	mg / l	IS:3025:Part 21:2009	40	Max 200
11	Chlorides, as Cl	mg / l	IS:3025:Part 32:1988	9.5	Max 250
12	Calcium, as Ca	mg / l	IS:3025:Part 40:1991	12	Max 75
13	Magnesium, as Mg	mg / l	IS:3025:Part 46:1984	2.4	Max 30
14	Sulphates, as SO <sub>4</sub>	mg / l	IS:3025:Part 24:1986	2.1	Max 200
15	Reactive Silica, as SiO <sub>2</sub>	mg / l	IS:3025:Part 35:1988	15.6	Not specified

S.No	Microbiological Parameters	Units	Methods	Results of Analysis	Desirable Limits (IS 10500)
1	Total Bacterial Count	cfu / ml	IS:1622:1981	2.5 x 10 <sup>3</sup>	Not specified
2	Coliforms	in 100 ml	IS:1622:1981	Absent	Absent
3	Escherichia coli	in 100 ml		Absent	Absent

Remark: All the parameters tested conform to the desirable limits. Hence Sample is Suitable for Drinking based on the Tests carried out.

  
Manager - Microbiology  
(Authorised Signatory)  
Ms. S. Patil

  
Asst. Manager - Chemistry  
(Authorised Signatory)  
Mrs. S. Pradhan

#### Note:

1. This report is valid for the tested sample only.
2. Test report shall not be reproduced except in full & with written approval of Equinox Solutions.
3. This report should not be used for advertisement / judicial purpose.

Your Testing Partner

Corporate Office: Equinox Center, R 65, TTC, Rabale, Navi Mumbai - 400701

Registered Office: 224, Unique Industrial Estate, Off V.S Marg, Prabhadevi, Mumbai - 400025

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**Equinox Solutions**  
Company



The water from BMC is used for drinking and cafeteria. The treated water from Sewage Treatment Plant, wherein wastewater generated by washrooms, regular cleaning and mopping and canteen wastewater is collected and is used for the entire landscaping needs of VSIT. As the ground water contains more dissolved solids, hence it is used in the washroom.



VSIT focusses on water conservation, use of push taps to reduce water wastage, use of recycled water, and ground water. These efforts have resulted in lesser usage of the BMC water supply. Students and staff are sensitized on contributing towards the importance of water conservation and reducing water wastage.