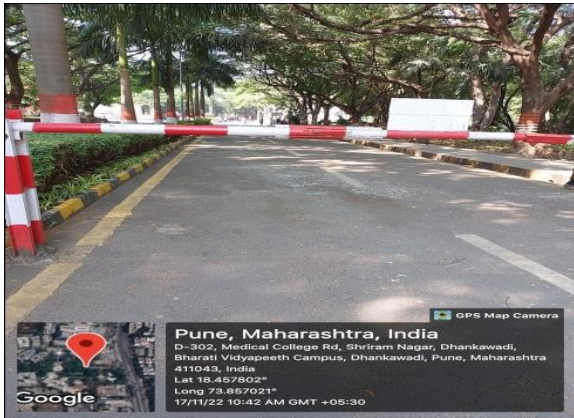


Green Campus initiatives include:-



Restricted entry for vehicles in the campus

Pedestrian Friendly pathways



Students and Faculty using Bicycles in Campus

Students and Faculty using Electric Vehicles in Campus



Electric Vehicle Charging Facility in the Campus

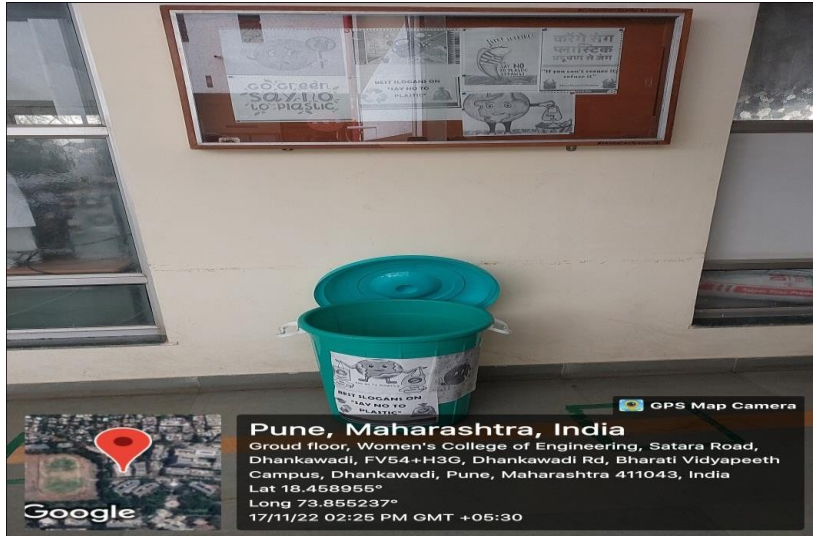
Security guards using Electric Vehicles in the Campus



Use of Bicycles/ Battery powered vehicles



Tree plantation in clay pots and refraining from using plastic pots

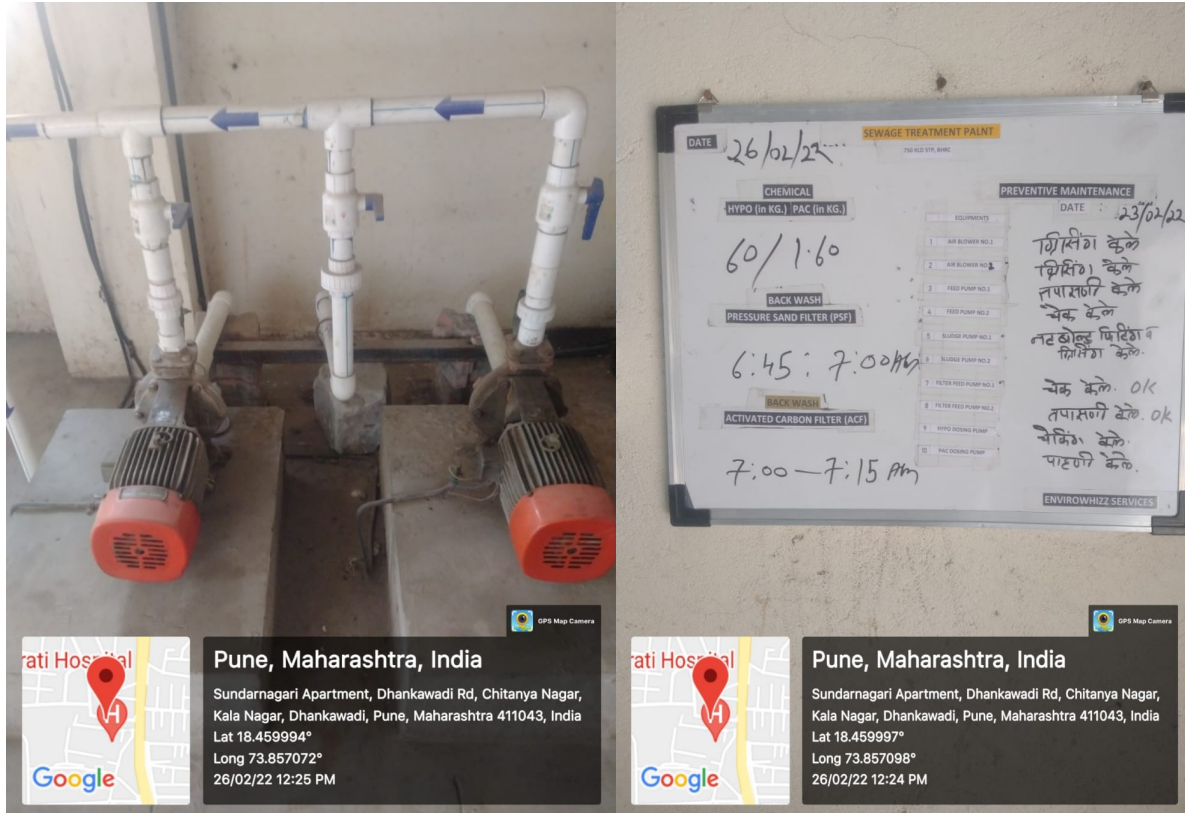


Bins are placed to collect plastic waste

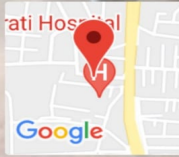


Landscaping with trees and plants

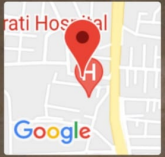
1) LIQUID WASTE MANAGEMENT: The institute along with all other institutes in the campus of Bharati Vidyapeeth's Dhankawadi campus shares a centralized Sewage Treatment Plant (STP) of having a capacity of 750 m³ per day. The total sewage collected from bathrooms and toilets is treated in the Sewage Treatment Plant based on high efficiency modified aerobic activated sludge system using extended aeration process. The treated sewage meets the requirements of the State Pollution Control Board and the same can be used for landscaping and other purposes.



Sewage Treatment Plant (STP)



Pune, Maharashtra, India
 Sundarnagari Apartment, Dhankawadi Rd, Chitanya Nagar,
 Kala Nagar, Dhankawadi, Pune, Maharashtra 411043, India
 Lat 18.459992°
 Long 73.85708°
 26/02/22 12:25 PM



Pune, Maharashtra, India
 Sundarnagari Apartment, Dhankawadi Rd, Chitanya Nagar,
 Kala Nagar, Dhankawadi, Pune, Maharashtra 411043, India
 Lat 18.459997°
 Long 73.857048°
 26/02/22 12:26 PM

WASTE TREATMENT PLANT AT BHARATI HOSPITAL

PROCESS FLOW DIAGRAM

LAYOUT

| SERIAL | TAG NO. | ITEM |
|------------------------------|---------|--------------------------|
| LIST OF EQUIP. | | |
| 1 | TR-01 | BAR SCREEN CHAMBER |
| 2 | TR-02 | PRECIPITATION TANK |
| 3 | TR-03 | SEDIMENTATION TANK |
| 4 | TR-04 | SETTLING TANK |
| 5 | TR-05 | C.L.C. FILTER PRESS TANK |
| 6 | TR-06 | TRICKLE BED TANK |
| 7 | TR-07 | BIODIGESTER |
| LIST OF MECHANICAL EQUIPMENT | | |
| 1 | MS-01 | BAR SCREEN |
| 2 | PS-01 | PRECIP. PUMP |
| 3 | PS-02 | BIODIG. PUMP |
| 4 | PS-03 | FILTER PRESS PUMP |
| 5 | PS-04 | TRICKLE BED PUMP |
| 6 | PS-05 | TRICKLE BED PUMP |
| 7 | PS-06 | BIODIGESTER PUMP |
| 8 | PS-07 | BIODIGESTER PUMP |
| 9 | PS-08 | BIODIGESTER PUMP |
| 10 | PS-09 | BIODIGESTER PUMP |
| 11 | PS-10 | BIODIGESTER PUMP |
| 12 | PS-11 | BIODIGESTER PUMP |
| 13 | PS-12 | BIODIGESTER PUMP |
| 14 | PS-13 | BIODIGESTER PUMP |
| 15 | PS-14 | BIODIGESTER PUMP |
| 16 | PS-15 | BIODIGESTER PUMP |
| 17 | PS-16 | BIODIGESTER PUMP |
| 18 | PS-17 | BIODIGESTER PUMP |
| 19 | PS-18 | BIODIGESTER PUMP |
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| 21 | PS-20 | BIODIGESTER PUMP |
| 22 | PS-21 | BIODIGESTER PUMP |
| 23 | PS-22 | BIODIGESTER PUMP |
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| 26 | PS-25 | BIODIGESTER PUMP |
| 27 | PS-26 | BIODIGESTER PUMP |
| 28 | PS-27 | BIODIGESTER PUMP |
| 29 | PS-28 | BIODIGESTER PUMP |
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| 91 | PS-90 | BIODIGESTER PUMP |
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| 93 | PS-92 | BIODIGESTER PUMP |
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| 96 | PS-95 | BIODIGESTER PUMP |
| 97 | PS-96 | BIODIGESTER PUMP |
| 98 | PS-97 | BIODIGESTER PUMP |
| 99 | PS-98 | BIODIGESTER PUMP |
| 100 | PS-99 | BIODIGESTER PUMP |
| 101 | PS-100 | BIODIGESTER PUMP |

IGN, ENGINEERED, SUPPLIED, INSTALLED & COMMISSIONED BY : DECCAN ENVIRONMENTAL CONSULTANTS

Pune, Maharashtra, India
 Bharati Hospital & Research Centre–Emergency Medicine
 Department, Bharati Vidyapeeth Campus, Dhankawadi,
 Pune, Maharashtra 411043, India
 Lat 18.45995°
 Long 73.85722°
 26/02/22 12:27 PM

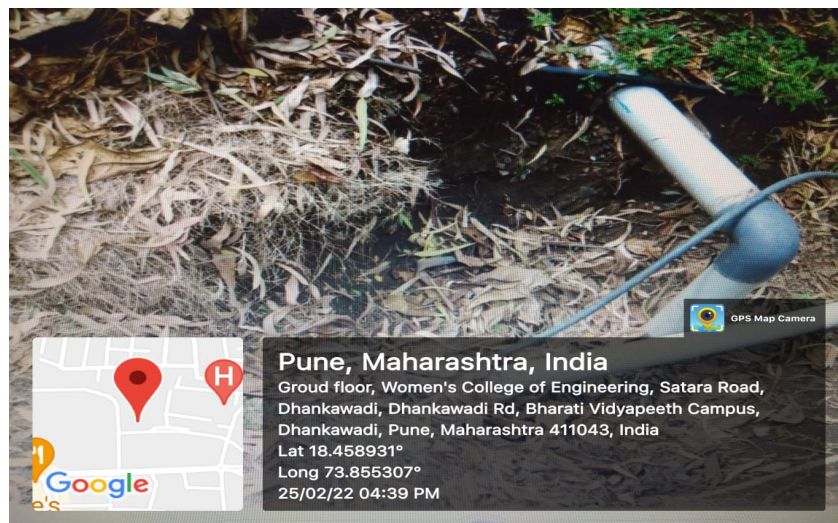


2) WASTE RECYCLING SYSTEM: Sludge generated from the Sewage Treatment Plant (STP) is dewatered and used for landscape, manure and gardening purpose.





Recycled waste water distribution system in the campus



Waste water recycles plant



Recycled waste water distribution junction in the campus

3) **SOLID WASTE MANAGEMENT:** The institute has arranged garbage bins for collection of Solid waste which are then collected by garbage vehicles from Pune Municipal Corporation. This collected solid waste is further disposed off by the PMC. Garbage bins are placed outside the canteen where food and other organic waste is recycled into compost which is used for gardening. This provides a range of environmental benefits, including improving soil health, reducing greenhouse gas emissions, recycling nutrients, and mitigating the impact of droughts.