

# RIDDHIVINAYAK COLLEGE OF NURSING



# GO – GREEN INITIATIVE

## **Go Green Initiatives**

**Whenever I visit Hospitals in Europe and America, they were situated adjoining the public garden. Whereas in Mumbai I find buildings breathing on the neck of other building. There is practically no cross ventilation. We designed our hospital from the foundation in a fashion that clean and fresh air circulates in all corners of the hospital.**

**There were 5 steps taken in this regards**

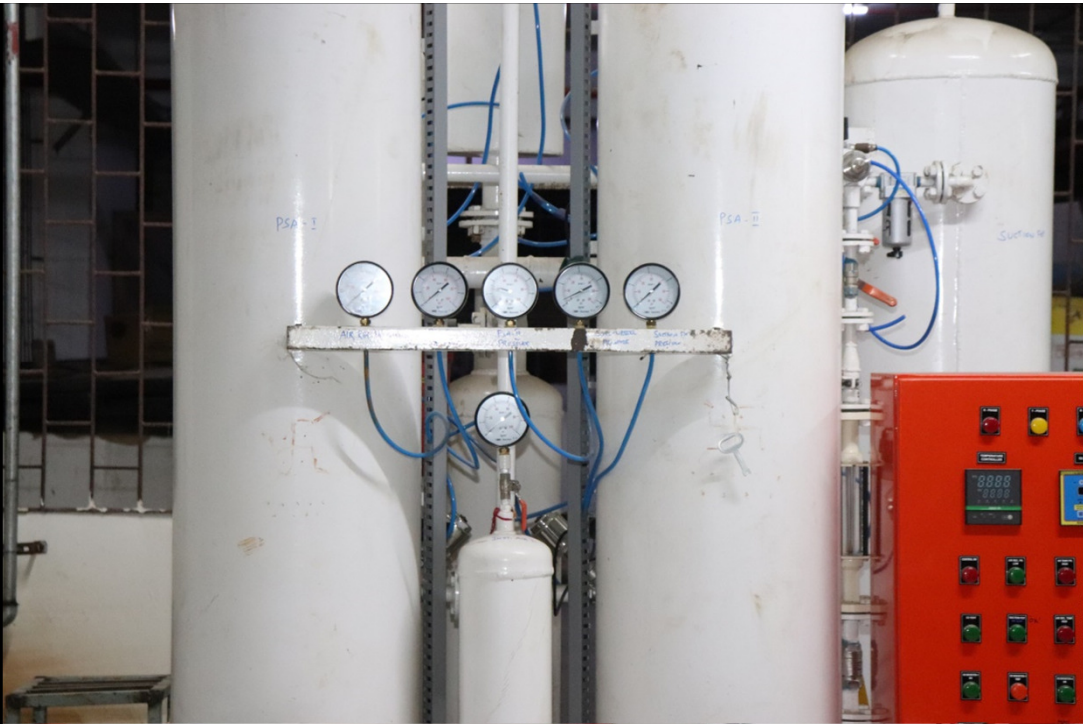
**Solar Plant: we had the largest hospital based Solar power project in Palghar District ( 375 MWU) solar power unit (1170 units of solar panels) on the terrace of our hospital, since 3 years. Till now it has generated a revenue of 8.85 million INR, and saved about 91.28 KL of Diesel and avoided 730.21 tons of CO2 saved. And 912 MWh of energy production.**

**STP Plant (Sewage Treatment Plant): We are having a 200 gallon capacity of aerobic water flocculation STP plant which converts black and grey water into recycled waters for used in toilet flushing and Garden and solar panel cleanings. This has saved a huge amount of our cost in procuring water.**

**Oxygen Generation Plant (PSA technique): During Covid crisis, oxygen supply was greatly affected. So, we procured 2 oxygen generation plants – 30 NM3 MVS Oxygen generation plant (100 cylinders / day) and another one in 2021 with 15 NM3 DBS Oxygen generation plant (50 cylinders / day) with Oxygen bottling unit as well. This has made us independent of market crisis and saved a lot of petrol in road transport.**

**Plantation – Nearly 174 trees – we have kept a open land with garden in front of our hospital, which is lined on all sides by tree plantation of fruits, palm, coconut and showbiz trees.**

**Playground and grass – about 75 % of our land kept free from construction. About the size of a football ground is the grass covered area in front of the hospital for good clean air to circulated in and around the campus**

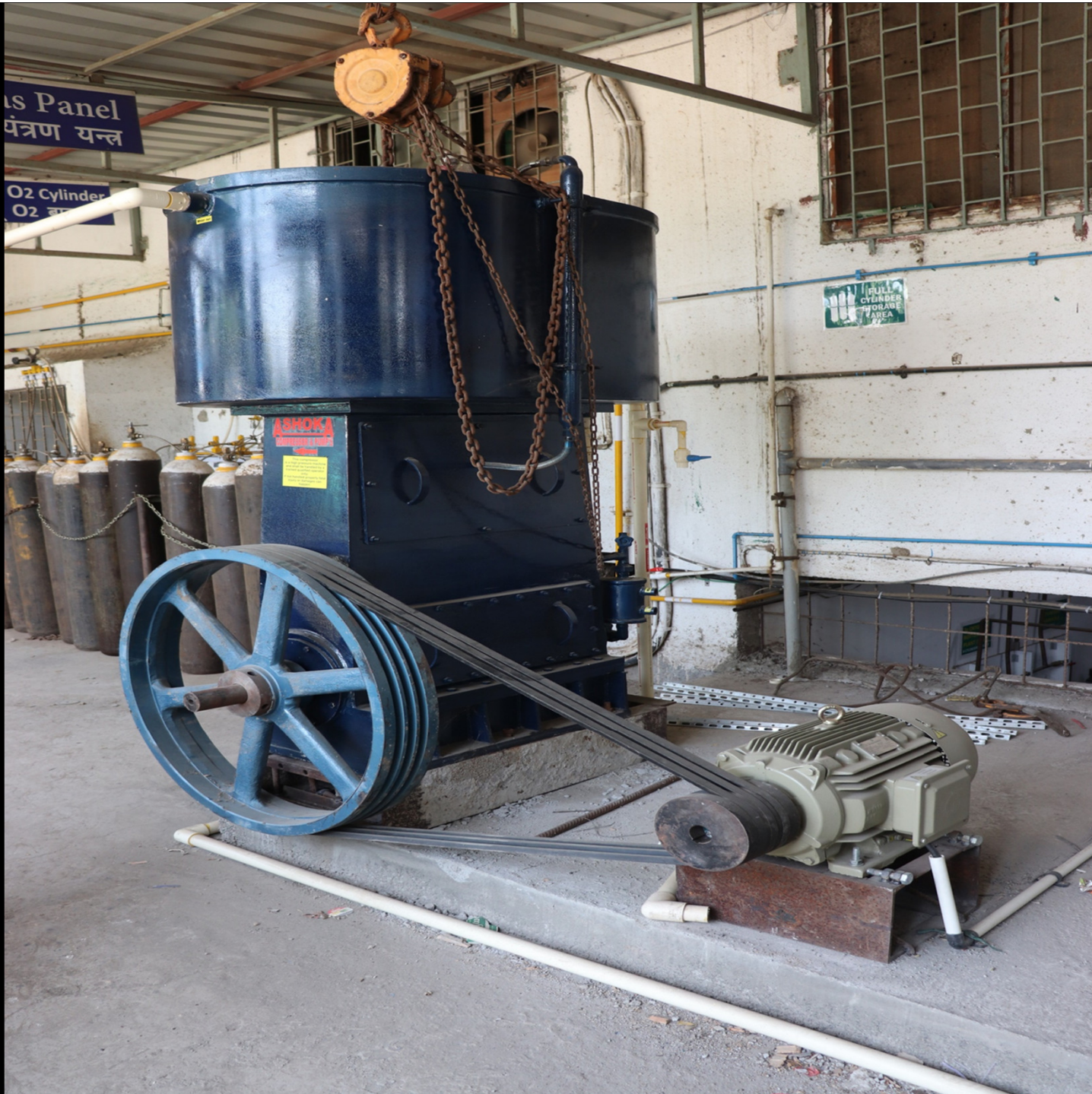


**OXYGEN  
GENERATOR  
PLANT (PSA)  
30 NM3 AND  
15 NM3**









# OXYGEN BOTTLING PLANT



# SEWAGE TREATMENT PLANT





**RO  
WATER  
TREAT-  
MENT  
PLANT**





**SOLAR  
POWER  
PROJECT  
375 MW  
UNITS**







- NEARLY 200 TREES
- FOOT GROUND SIZED GRASS FIELD
- 25 TYPES OF FLOWERS
- 1 ACRE OF HORTICULTURE









