



SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Recognized by UGC under section 2(f) & 12(B))

(Permanently affiliated to JNTUK, Kakinada, Accredited by NBA and NAAC with 'A' Grade)

Pedatadepalli, TADEPALLIGUDEM – 534 101.W.G.Dist. (A.P)

Water conservation facilities available in the Institution

Rain water harvesting :

The rectangular water pit at the north east corner of each block is used to collect the rain water from the building top roofs. The excess water from the pit is conveyed to open ponds through drains and also used for gardening.



Fig. Rain water collection from roof top

Borewell /open well recharge:

The rain water collected in the campus premises are channeled to the recharge pits as shown in figure. The two recharge pits are available in the campus. These pits collect rain water and increase the ground water level.



Fig. Borewell/Ground water recharging through Rain water harvesting

Waste water treatment:

The waste water from Hostel, RO plant and canteen are used for the inside and outside gardening area plants. Approximately, 1.1 lakh liters per day RO reject water was sent to the large exterior garden with mango trees and plants.



Fig. Ro Waste water to gardens



Fig.AC waste water is supplied to plants

Maintenance of water bodies and distribution system in the campus:

RO plants are located in campus with a water treatment capacity of 6000 liters per day. I/P For RO is 2000 liters. Output 300 liters. The RO plant is installed at ECE D block third floor. The borewell water is supplied to the RO plant for purification. The 30% of the water are treated and provided as output from the plant. The RO plant is running 5 hrs per day. The purified RO water is collected in the tank and supplied to all blocks through proper water distribution system. Each block, we have Water coolers and are provided with the RO water pipe.



Fig. RO PLANT at ECE D block third floor.



Fig : RO Plant at ECE Block, SVEC



Fig. Borewell water saved in tank and supplied to RO unit for purification

Drinking water point

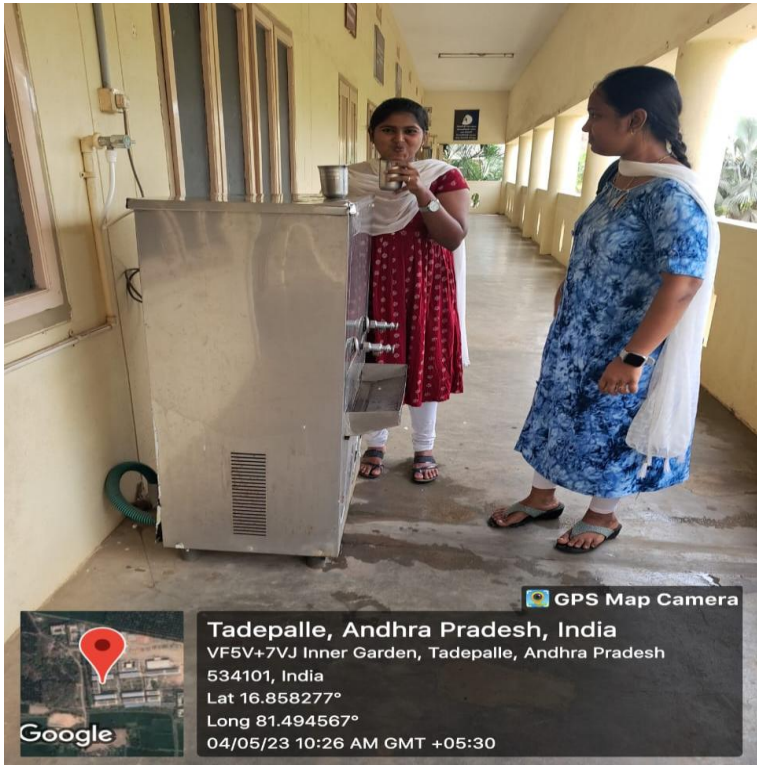


Fig. Drinking water point at ECE block

Overhead tanks in each block:

Well maintained overhead tanks are constructed to supply water for various purposes like restrooms, laboratories, etc., The capacity of overhead tank in ECE block is 2000 liters

The water consumption per day is approximately 40,000- liters



Fig. Water distribution pipes in Auditorium block

WATER DISTRIBUTION

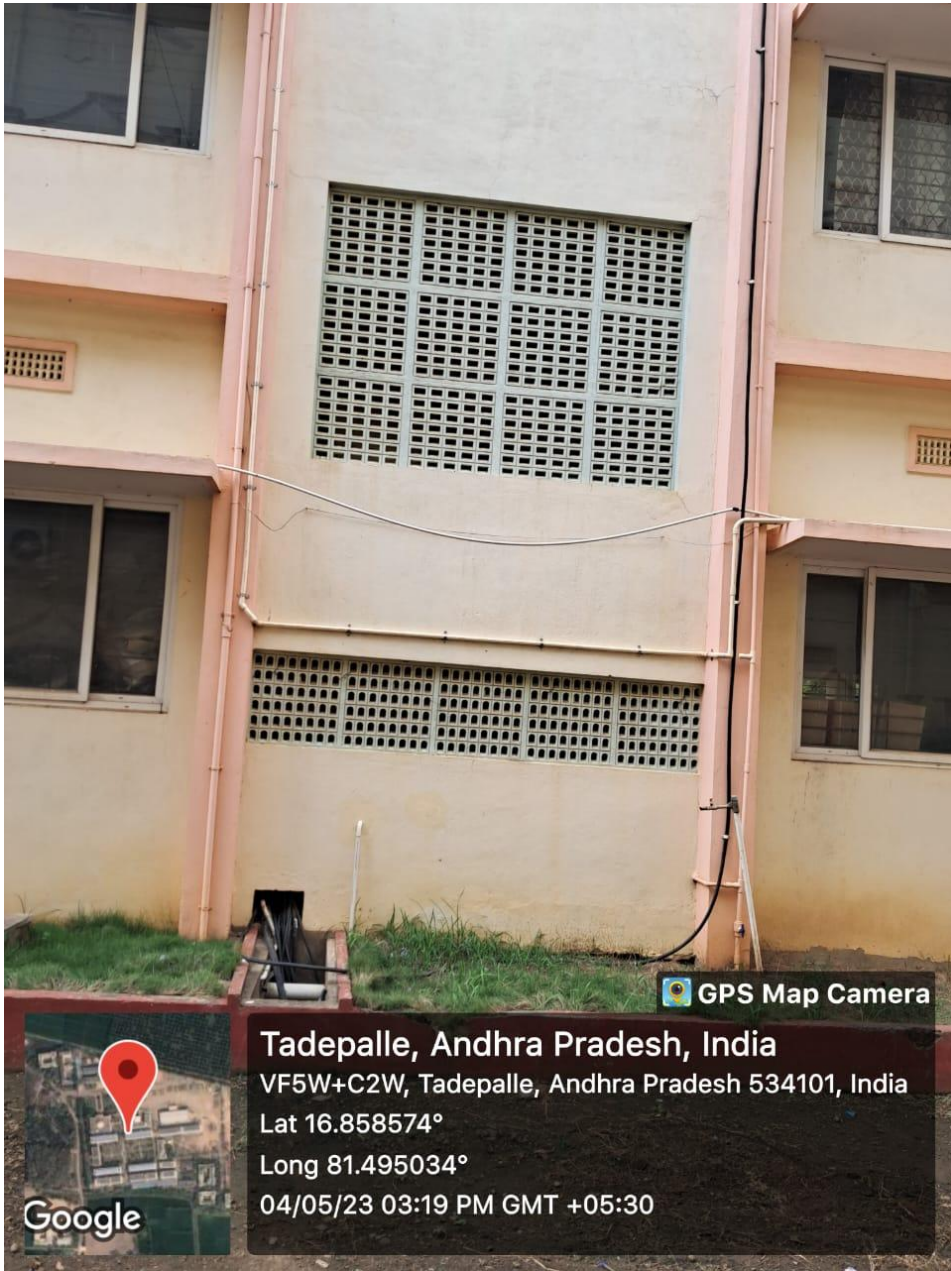
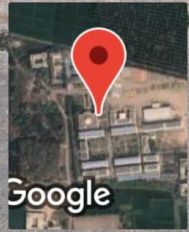


Fig. RO water distribution pipes at ECE block



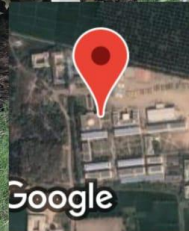
GPS Map Camera



Tadepalle, Andhra Pradesh, India
VF5V+FWQ, Vasavi College Rd, Tadepalle, Andhra Pradesh
534101, India
Lat 16.858843°
Long 81.494707°
04/05/23 03:16 PM GMT +05:30



GPS Map Camera



Tadepalle, Andhra Pradesh, India
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04/05/23 03:16 PM GMT +05:30



Figure Borewell water tank with sump

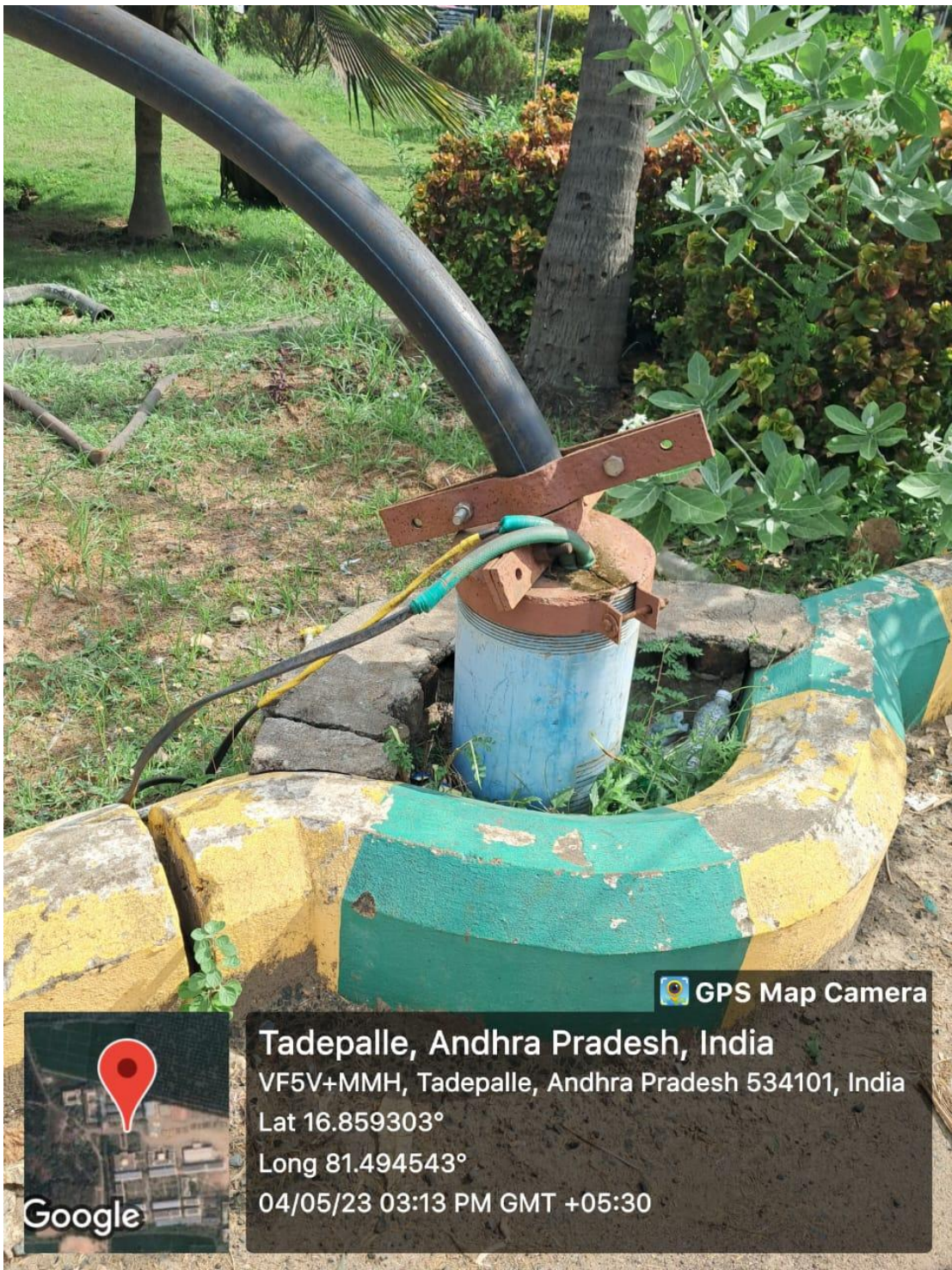


Fig. Borewell 20HP Submersible pump