

**CHATRAPATHI SIVAJI TRI SATHA JAYANTHI  
(CSTS) GOVT. KALASALA**

*Enter to Learn - Leave to Serve*

**Jangareddigudem, Eluru Dist**

Phone : 08821-225310, Visit us at : [www.estsgkac.in](http://www.estsgkac.in)

E-Mail : [jangareddigudem.manatv@gmail.com](mailto:jangareddigudem.manatv@gmail.com)



**7.1.2 The Institution has facilities and initiatives for**

**3. Water conservation**

**Waste water recycling: Maintenance of water bodies and distribution system in the campus**

**1. Water Distribution through Bunds and Tanks:**

- A water distribution system using bunds and tanks captures and stores rainwater, ensuring a sustainable water supply for the college's green areas.

**2. Rainwater Harvesting via Percolation Pits:**

- Percolation pits are strategically placed across the campus to recharge groundwater by allowing rainwater to seep into the soil, reducing runoff and conserving water.

**3. Waste Water Reuse from R.O. Plant:**

- Water conservation through the reuse of R.O. (Reverse Osmosis) plant waste water for student hand washing is a sustainable and resource-efficient practice. The institution collects waste water generated by the R.O. plant and stores it in tanks. This waste water, although not suitable for drinking due to its high mineral content, is still clean and can be used for other purposes. Handwashing stations, complete with soap and running water, are set up near these tanks. This provides students with a convenient and responsible way to practice good hand hygiene. Students are educated about the source of the water used for hand washing and encouraged to use it wisely, raising awareness about water conservation. To ensure hygiene standards are met, regular monitoring of the R.O. waste water quality is essential. If needed, additional treatment or filtration can be applied to improve the water's quality. This approach not only minimizes water wastage but also offers an educational opportunity for students to understand the significance of sustainable water usage in their daily lives.

**4. Water Usage Monitoring:**

- Regular monitoring of water consumption helps track usage and identify opportunities for further conservation.

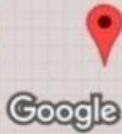
**Principal**  
**C.S.T.S. Govt. Kalasala**  
**Jangareddigudem, Eluru Dist**

## REVERSE OSMOSIS WATER PURIFICATION PLANT





GPS Map Camera



**Jangareddigudem, Andhra Pradesh, India**  
12-13 NRAR GOVT DEGREE COLLEGE, Jangareddigudem, Andhra Pradesh  
534447, India  
Lat 17.131266°  
Long 81.289559°  
22/12/22 12:34 PM GMT +05:30




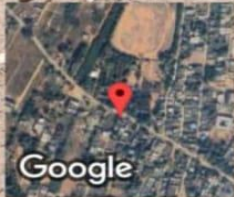
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**WATER TANKS**



HAND WASH

 **GPS Map Camera**



**Jangareddigudem, Andhra Pradesh, India**

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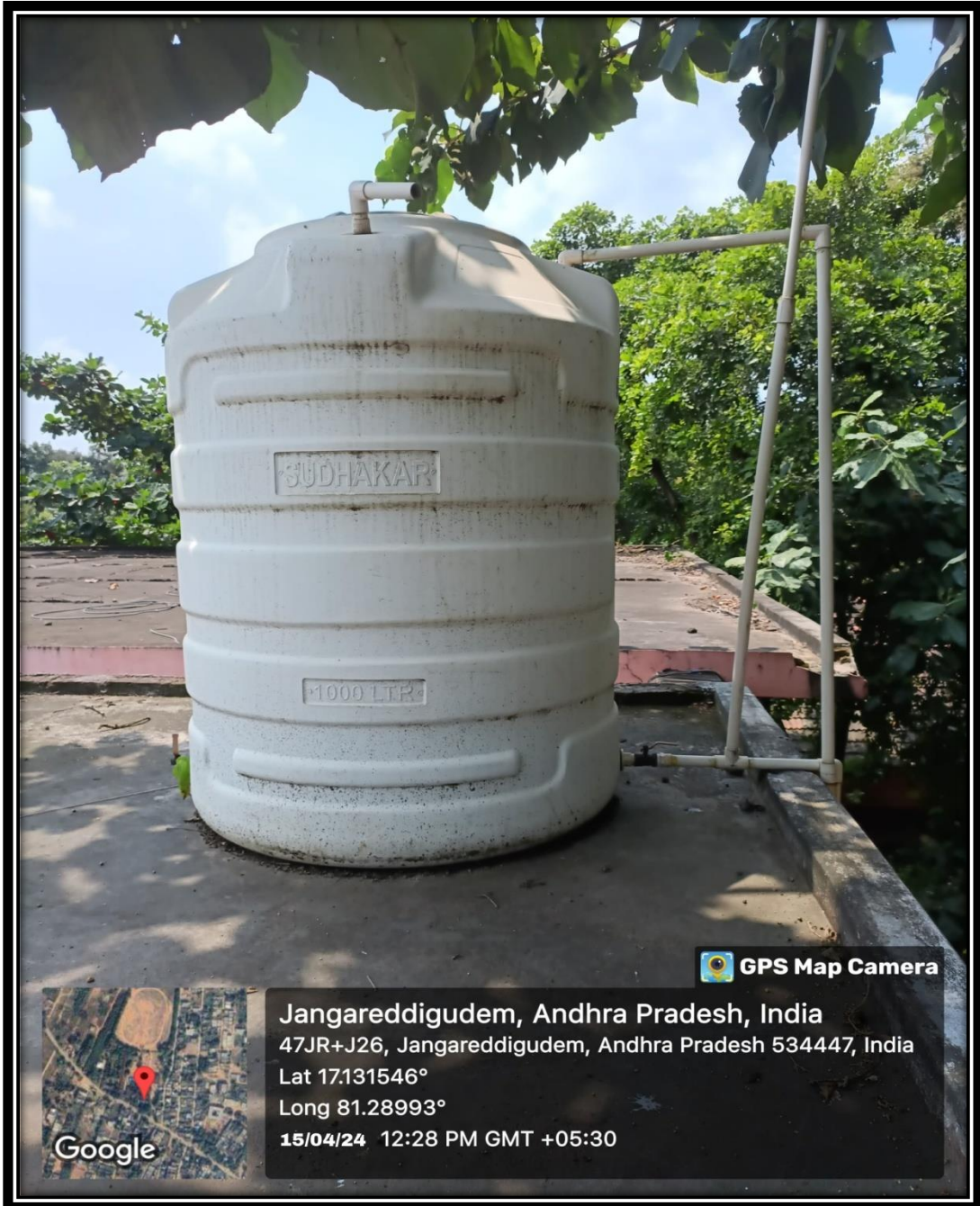
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
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**WATER TANKS**



 **GPS Map Camera**



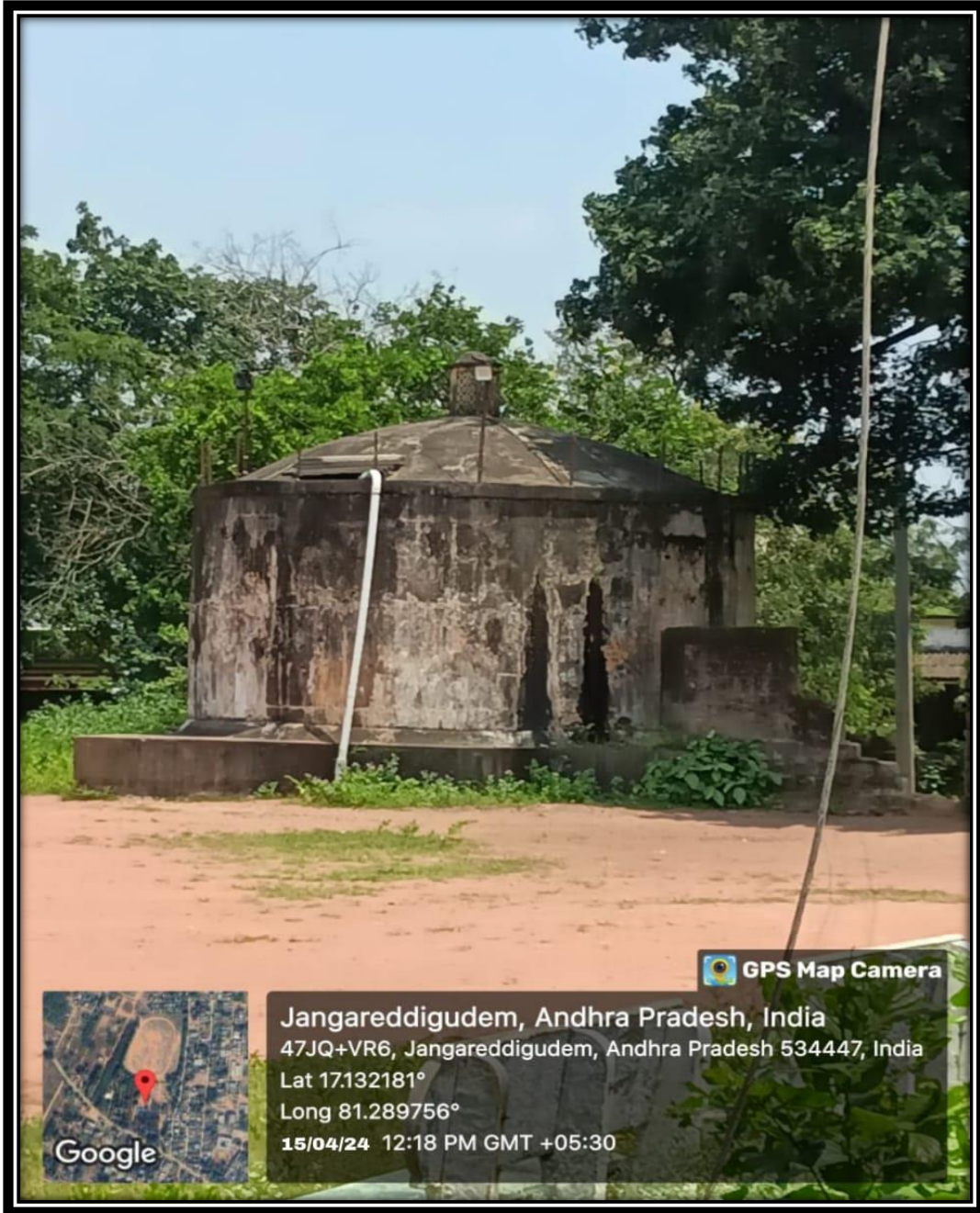
Google

**Jangareddigudem, Andhra Pradesh, India**  
47JR+J26, Jangareddigudem, Andhra Pradesh 534447, India  
Lat 17.131546°  
Long 81.28993°  
**15/04/24 12:28 PM GMT +05:30**



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WATER TANKS



GPS Map Camera



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47JQ+VR6, Jangareddigudem, Andhra Pradesh 534447, India  
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Long 81.289756°  
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**PERCOLATION PITS**

