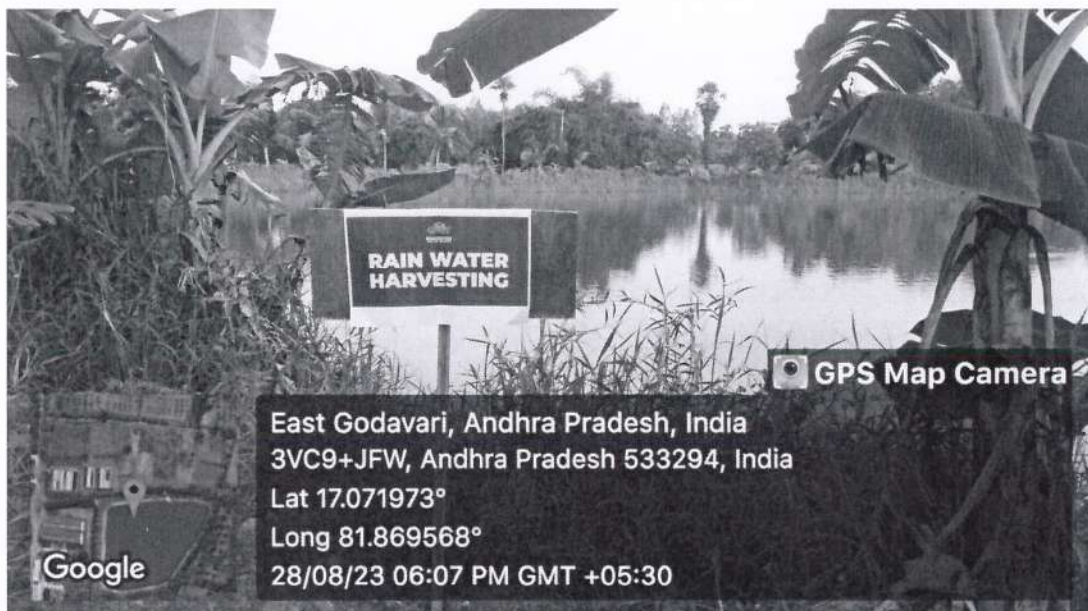


RAIN WATER HARVESTING

Based on the Geographical location of the Institute, there is a slope from South to North. The rain water is routed through gravity to a Bund prepared. The same tank is used to recharge ground and improve the ground water table.



Rain water Harvesting Tank


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BORE WELL / OPEN WELL RECHARGE

A Bore well is located near Viswesvaraiah Block. It is used to withdraw the water from the ground. The drawn water can be pumped out and sent through pipes to fill all the Tanks to meet the water demand. A borewell acts as an additional source in supply of percapita demand for residents living within the campus.


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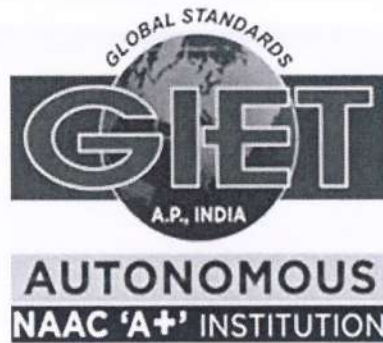
Bore well to withdraw water from ground

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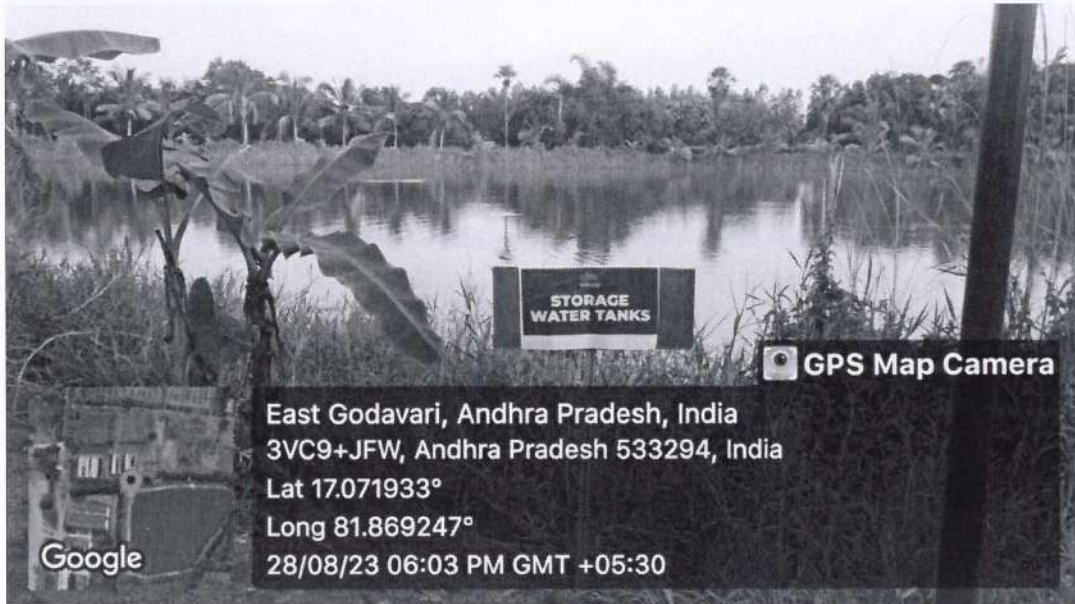
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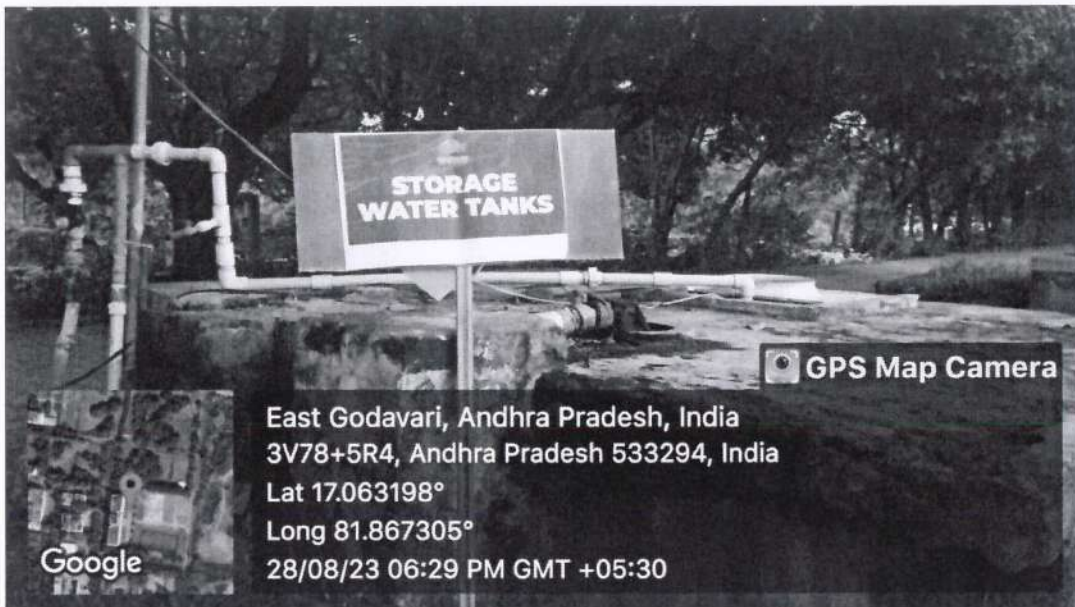
CONSTRUCTION OF TANKS AND BUNDS

Based on the Geographical location of the Institute, there is a slope from South to North. The rain water is rooted through gravity to a Bund prepared. The same tank is used to recharge the ground and improve the ground water table

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Open storage tank



Closed storage tank

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WASTE WATER RECYCLING

Water is a precious natural resource on earth. It is therefore necessary to effectively utilize it through scientific methods. Waste water recycling is one of such methods where scientific with engineering methodologies are used. In our college campus, outlet water from kitchens and washing sinks is diverted to the recycling plant through open drainage systems of high volume capacity. The diverted water is recycled in the plant at various stages of filtration with the help of large storage tanks. water is filtered by means of engineering techniques like chlorination, Ultra Violet exposure, alum filtration etc. Thereby, the recycled water is utilized for domestic purposes in student hostels located within the campus. Recycled water supply is operated through appropriate pipe line systems layed over the ground. Thus, it can be concluded that water is effectively utilized in the campus through waste water recycling plant.


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Storage of waste water in closed tank



Diversion of waste water through open drainage system



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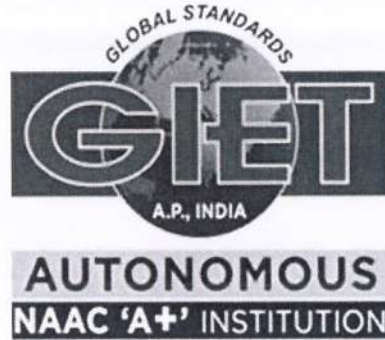
Diversion of waste water through open drainage system

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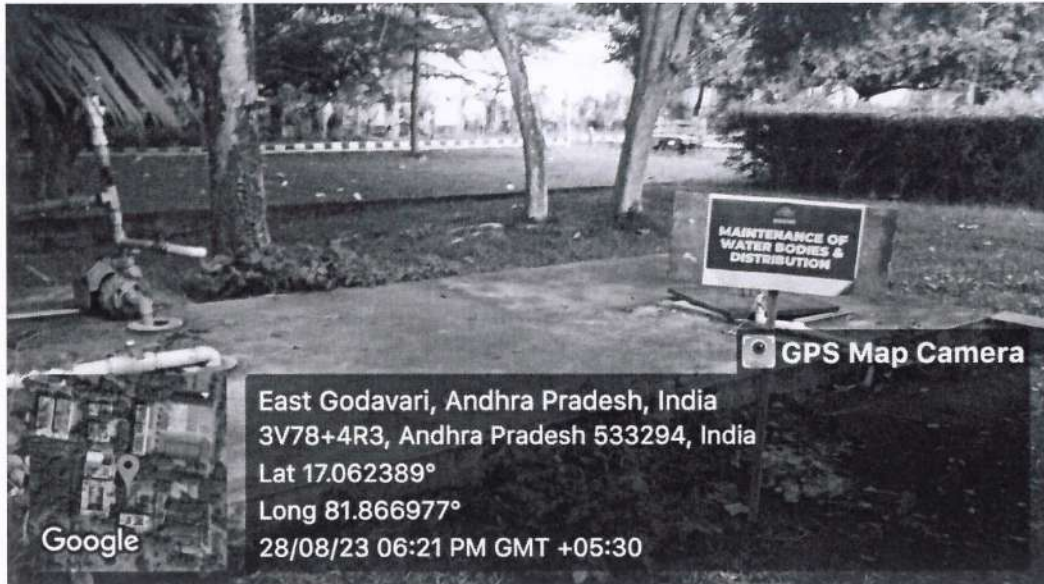


MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

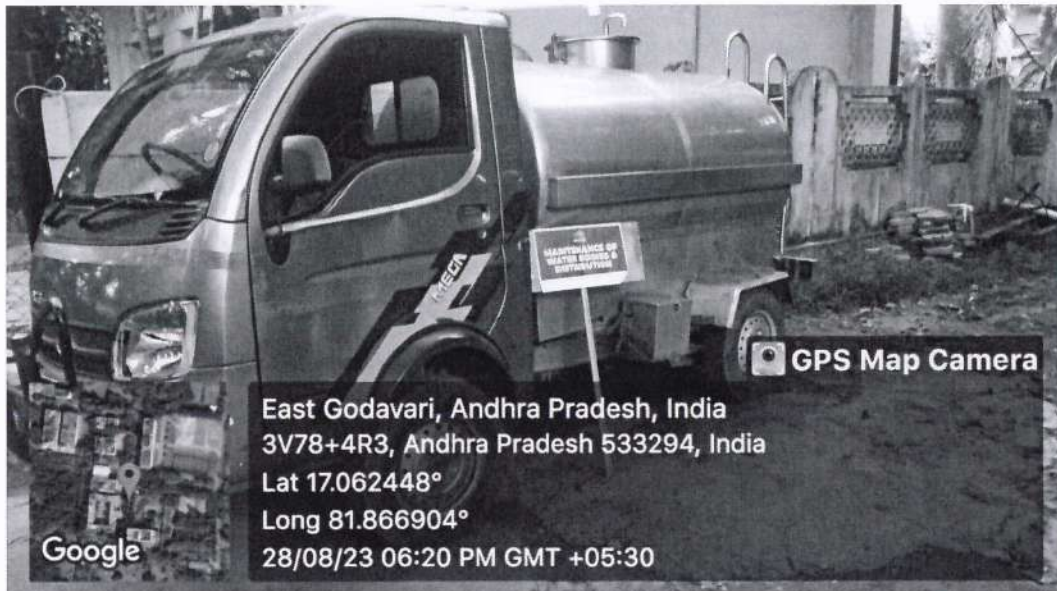
A Mineral water plant is located at Girls hostel to purify the water received from bore wells. A Bore well is located near Viswesvaraih Block. Water from the bore well is sent through pipes to the mineral water plant. After purification that water is stored in a tank and is distributed through vehicles to all the water tanks for drinking purpose

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Water stored in closed tank for distribution



Water distributed in campus through tanker


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