



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu



Ph: 0431 - 2660 303

7.1.4: Water conservation facilities available in the Institution

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7.1.4 Water conservation facilities available in the Institution:

Rainwater harvesting is the accumulation and storage of rain water for reuse onsite, rather than allowing it to run off. The rain water is collected in two large and deep wells in the south of the campus. It is used for gardens, irrigation and livestock. The harvested water is used as longer-term storage and for other purpose such as ground water recharge. In the North-East corner we have another big pit to collect the rain water, from the top of the roofs, the rain water is collected through a delivery system to the pit, which is mainly used for gardening. 5% of the water requirement of the institution is met by the water harvested. The institution adopts sprinkler procedure in large lawns and water is very judiciously used for plantation purposes.



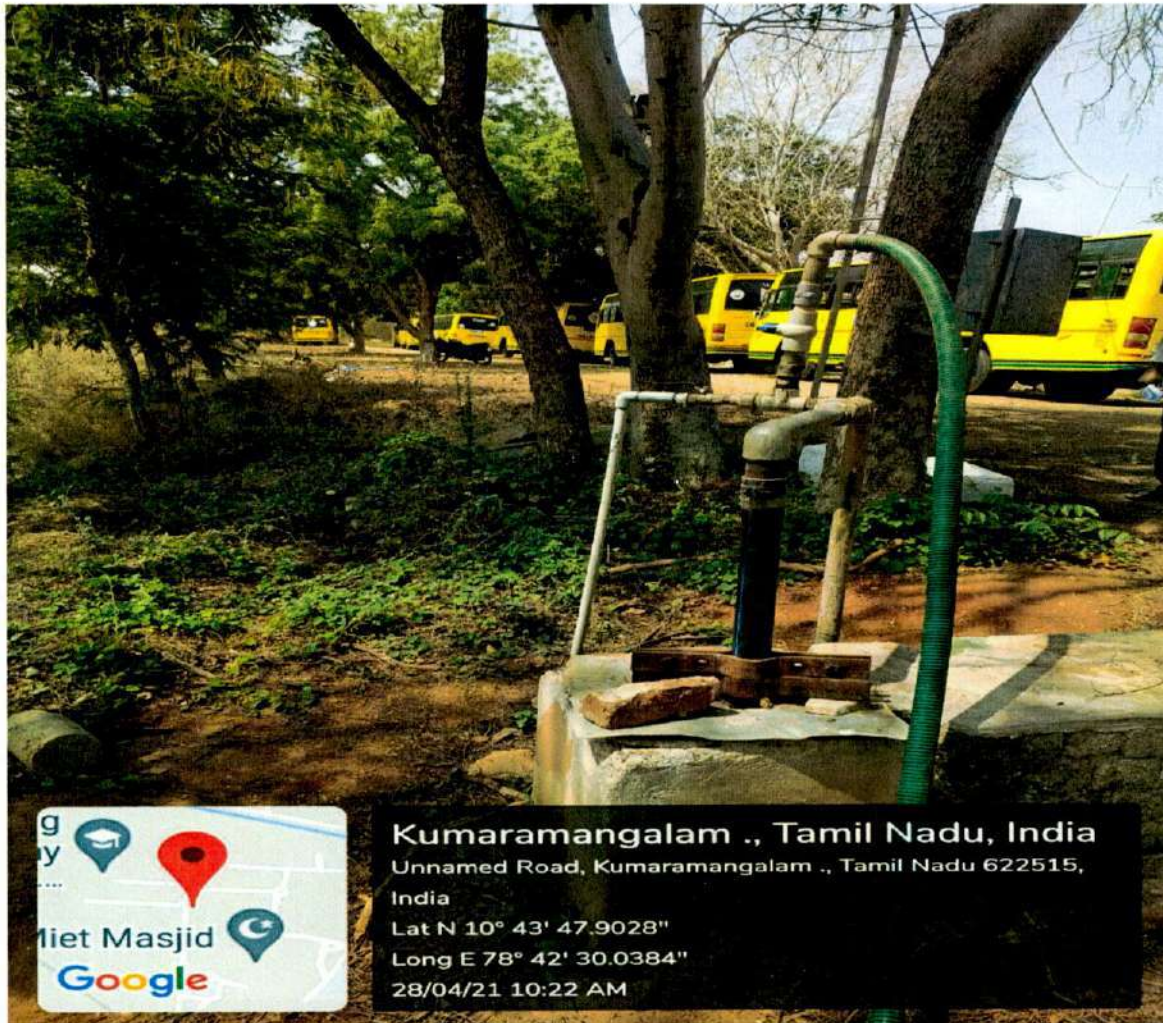
Benefits:

1. Soil is recharged by rain water harvesting which prevents the soil form erosion
2. Ground water quantity is improved
3. Improves soil humidity
4. Increases soil by minimizing runoff water


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Bore well / Open well recharge

Deeper bore wells are dug for groundwater abstraction. Vertical drilled bore wells, bored into an underground aquifer into the earth's surface, to extract water for various purposes. • Gardening, Lawns, Hostels, Canteens and Rest rooms used the bore well water. • During summer season using the bore well water for various purposes.



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Construction of Bunds

To reduce the surface runoff during rainy season, provision of public bund in northern side of college campus. This bund stores the water, to increase the ground water level. It helps the recharge of open well and also bore well. Excess water should be runoff through channels



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Construction of tanks

The tanks has been constructed in every blocks which will be the water source for routine purpose



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Construction of tanks



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Construction of Water tanks


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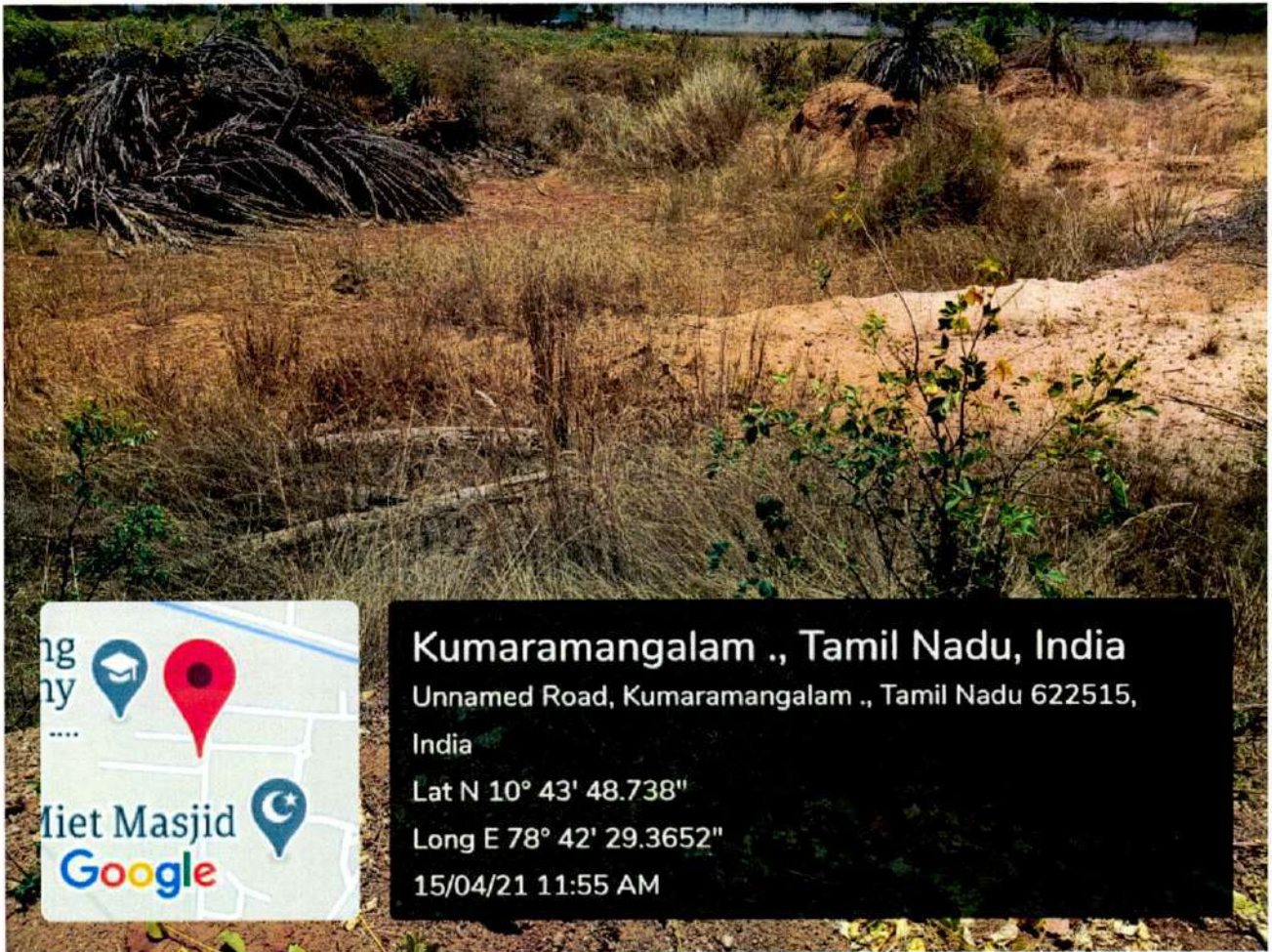
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Maintenance of water bodies and distribution system in the campus



Water Pond inside the M.I.E.T. Engineering College

A. Subramanian
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