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KG COLLEGE OF ARTS AND SCIENCE
Autonomous Institution | Affiliated to Bharathiar University
Accredited with A++ Grade by NAAC | ISO 9001:2015 Certified Institution
KGiSL Campus, Saravanampatti, Coimbatore – 641 035
Phone : 91 (422) 441 9999 Fax : 91 (422) 266 8955 E-mail : principal@kgcas.com Website : www.kgcas.ac.in

Dr. S. VIDHYA, MCA, M.Phil., Ph.D. NET
PRINCIPAL
principal@kgcas.com

WATER CONSERVATION

The Institution has the below mentioned facilities as a means of water conservation

1. Rainwater Harvesting pits
2. Water Sprinkler
3. Bore well sump

Rainwater Harvesting Pits

It reduces soil erosion and flood hazards by collecting rainwater and reducing the flow of storm water to prevent urban flooding. Most buildings that utilize rainwater harvesting systems have a built-in catchment area on top of the roof, which has a capacity of collecting large volumes of water in case of rainstorms. Harvesting rainwater allows the collection of large amounts of water and mitigates the effects of drought.

Most rooftops provide the necessary platform for collecting water. Rainwater is mostly free from harmful chemicals, which makes it suitable for irrigation purposes. Another vital benefit is that it increases the productivity of aquifer resulting in the rise of groundwater levels and reduces the need for potable water. It is extremely essential, particularly in areas with low water levels. Although rainwater harvesting measure is deemed to be a desirable concept since the last few years, it is rarely being implemented in rural India. Different regions of the country practiced a variety of rainwater harvesting and artificial recharge methods. The Institution has 21 rainwater harvesting pits that act as a groundwater recharge pits.

Water Sprinkler

Water sprinklers are used to ensure to prevent the over usage of water for irrigation. They act as major equipment in energy conservation and water supply. These offer a great help in efficient conservation and management of water bodies.

Borewell

The institution has a well maintained bore well sump that could contain 50000 liters of water. Every day the bore well water is recharged and distributed to various places

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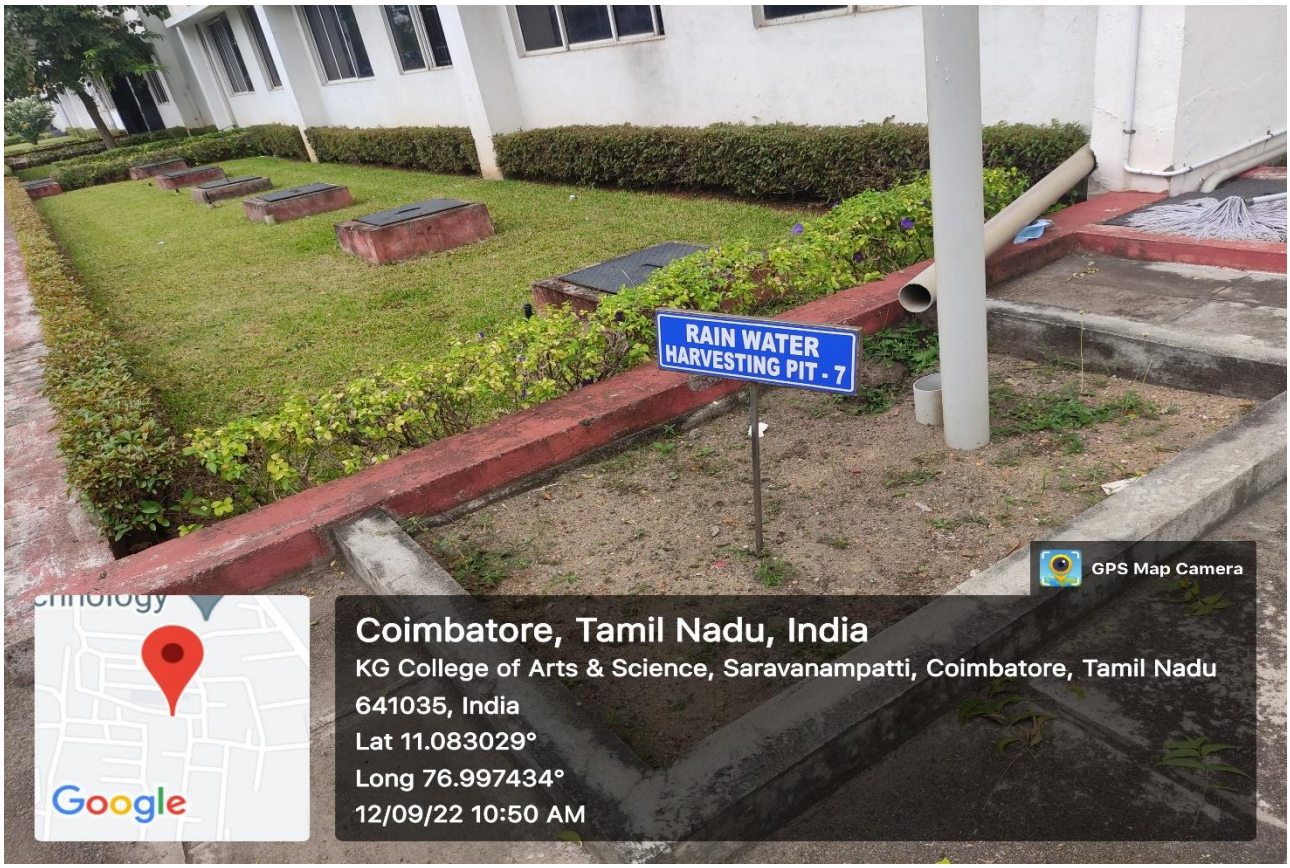
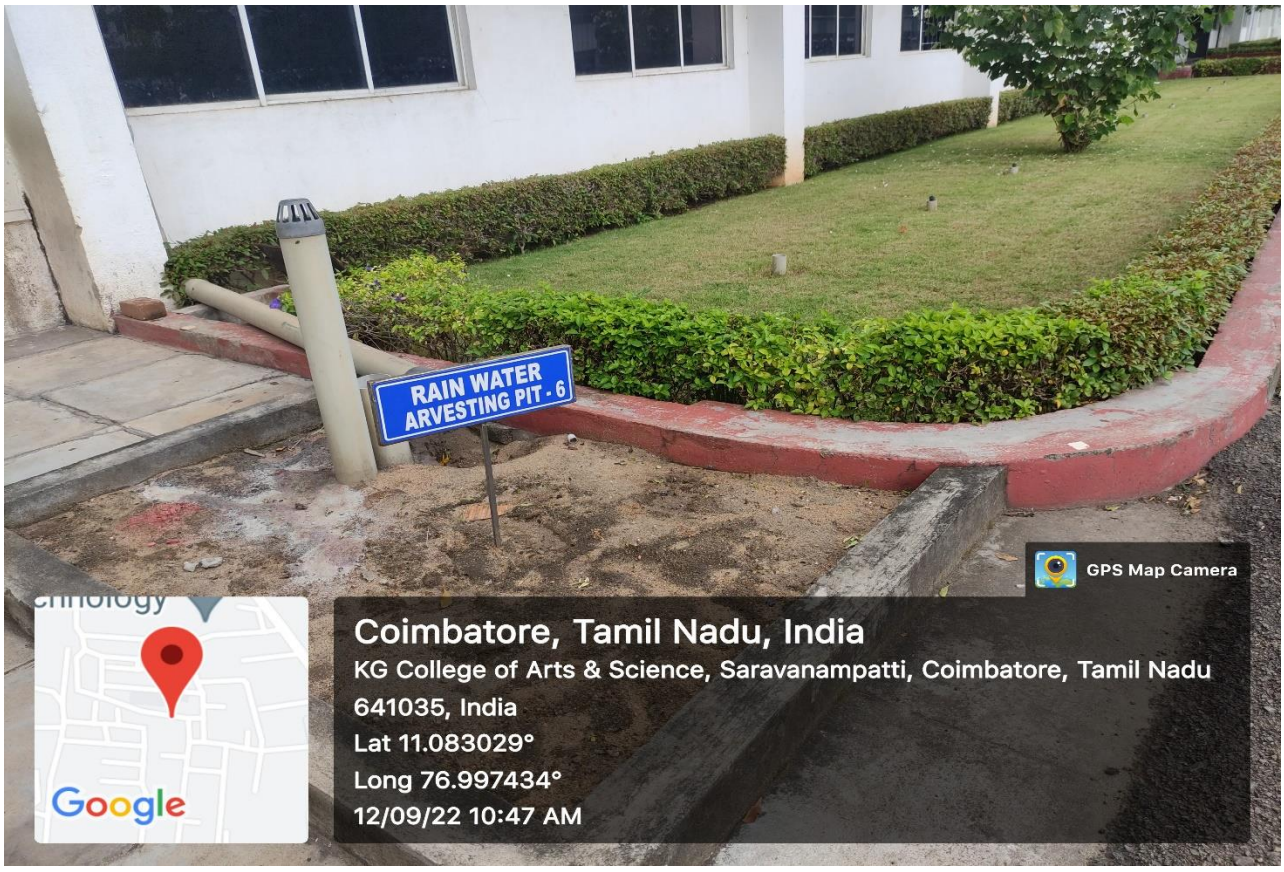
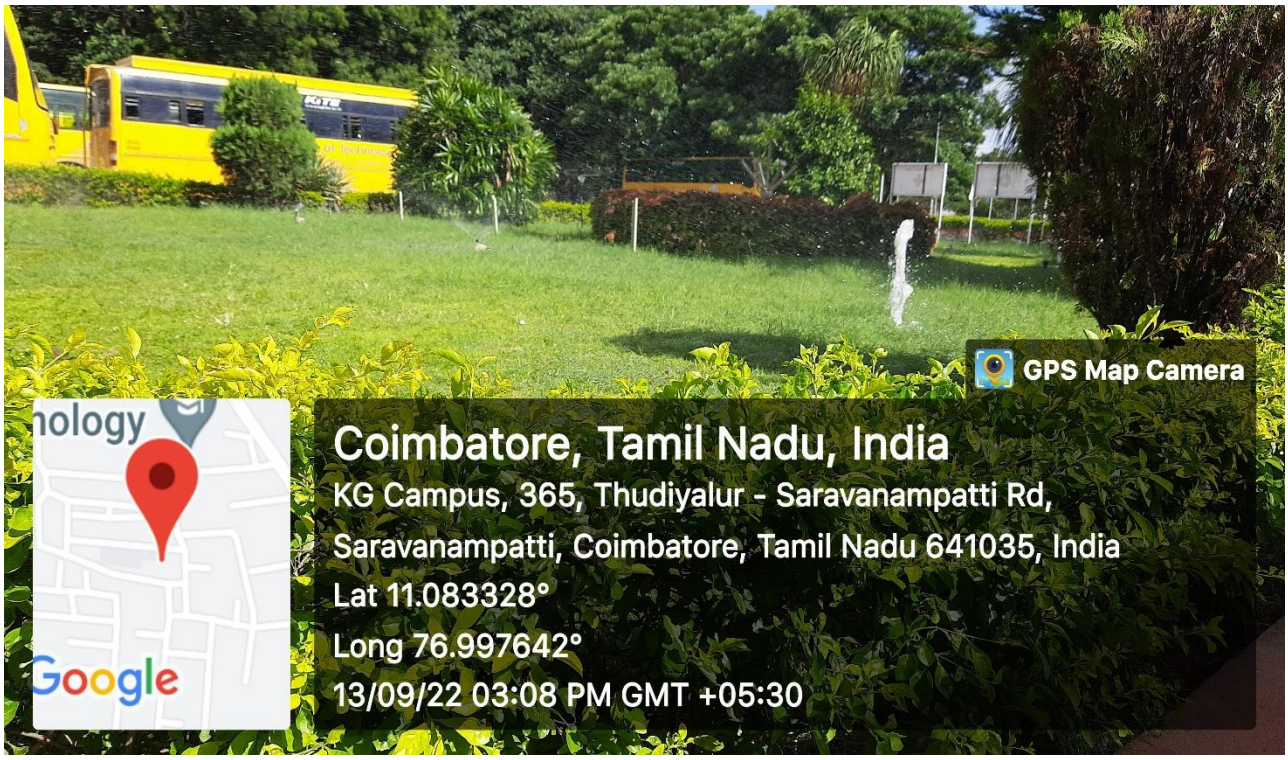
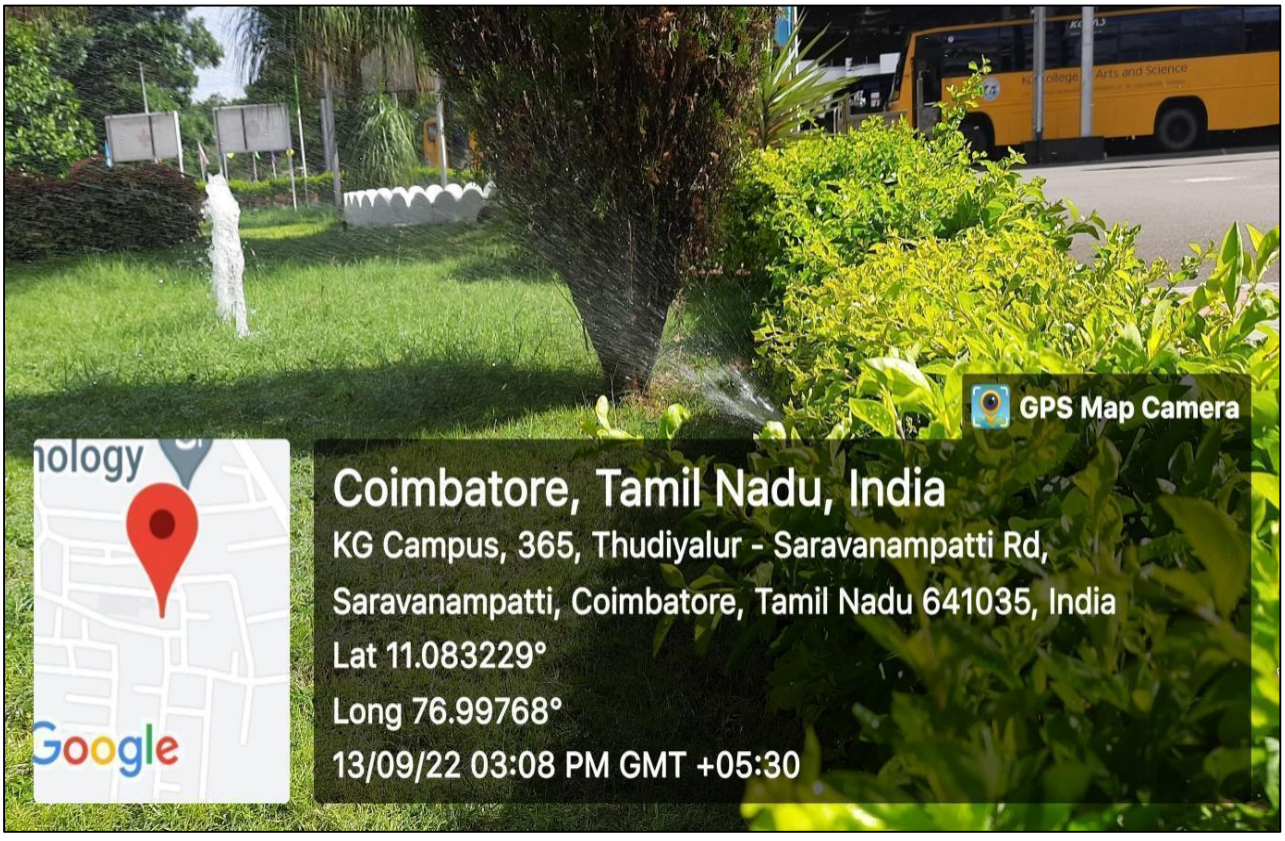
Rain Water Harvesting Pits





Water Sprinkler





Bore Well Sump