



# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

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## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Paavai Engineering College** has implemented a comprehensive set of water conservation facilities aimed at sustainable management and utilization of water resources on its campus. These initiatives include **Rain Water Harvesting, Open well recharge, Bore well recharge, Construction of tank and bunds, Waste water recycling** and **Maintenance of water bodies and distribution systems**. The college has constructed a mega Rain Water Harvester named **AMIRTHAVARSHINI**, with a storage capacity of 2 crore litres of water. This facility significantly contributes to replenishing the groundwater table and supports water bodies in a radius of about 400 acres. The college has strategically implemented bore well recharge systems to enhance groundwater levels and ensure a reliable water supply. And open well recharge systems have been established to further augment the natural water resources available within the college premises. The construction of tanks and bunds facilitates efficient water storage and management, ensuring the availability of water for various purposes, including irrigation. The college operates a waste water recycling plant capable of treating a total volume of 4,50,000 liters per day. This treated water serves dual purposes contributing to the college's water resources and being utilized for gardening within the institution and neighboring agricultural lands. The college actively maintains various water bodies and distribution systems, comprising 12 water tanks, 3 open wells, and 5 bore wells. All operational and maintenance activities are carried out with utmost efficiency.

These initiatives collectively aim to conserve, sustain, and improve the water table of the ground, aligning with the college's commitment to environmental responsibility and social welfare. The **AMIRTHAVARSHINI** Rain Water Harvester alone serves as a significant contributor to the irrigation needs of thousands of cultivable lands in the vicinity, positively impacting the local ecosystem.

Paavai Engineering College remains dedicated to its social responsibility by actively participating in water conservation efforts and contributing to the well-being of the surrounding rural community.

  
24/4/20  
PRINCIPAL