



தந்தை பெரியார் அரசு கலை மற்றும் அறிவியல் கல்லூரி (த)
THANTHAI PERIYAR GOVERNMENT ARTS AND SCIENCE COLLEGE(A)
(Nationally Re-Accredited with 'A' Grade by NAAC at 3rd Cycle)
(Affiliated to Bharathidasan University, Tiruchirappalli - 24)

No.36/2, RACE COURSE ROAD, KHAJAMALAI, TIRUCHIRAPPALLI - 620 023
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7.1.4. WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION

1. Rain Water Harvesting

Conventional Rainwater Harvesting Pit

Conventional rainwater harvesting pits have been established in each block in the campus to collect the roof top runoff water. This water is directed into the rainwater harvesting pits which in turn seeps and enhances the ground water level. The rainwater thus harvested helps during the dry seasons.

INVITATION FOR JAL SHAKTI ABHIYAN(01.8.2019)

Awareness program (JAL SAKTI ABHIYAN) on rainwater harvesting and conservation

Rainwater Harvesting Pits



2. BORE WELL/OPENWELL

Amidst the campus dwells an open well which had been the water source from the induction of the college. This well caters to the water need in the campus. Water is pumped from the well and reaches the overhead tanks. Multiple pipelines distribute water to the needed area. In addition to this the bore well near the history block supplies water to the newly constructed

buildings. Latest addition to this is another bore well near the M.G.R. block which takes care of the water needs of the Tamil, and Visual communication department.



Traditional Well

3. NATURAL DRINAGE BY CANALS

Our college adjoins a natural water collection pond in the east which is about hundred acres. The pond is called as 'KOTTAPATTU PERIYAKULAM'. Adjacent to this is 'KOTTAPATTU CHINNA KULAM'. The rain water falling in the fifty two acres has a natural flow to these two ponds aided by traditional canals. Thus the campus is beautifully landscaped with orchards, lush green lawns and forest belts. These water bodies attract beautiful migratory birds and small animals.





4. WASTE WATER RECYCLING

Waste water management has been critical towards our sustainability models for reducing and reusing water at our campuses. The students & staff who are inmates use water for showering, dishwashing, and flushing toilets. The campus waste water discharged near the classrooms and in hostels, canteen and washing area is reused for gardening.



5. MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS

Public Works Department maintains the water bodies of TPGASC and water distribution system in the campus. The ground water is pumped into water storage tanks located at different places in the campus. The college also has overhead storage tanks. The water is distributed through well laid network of pipes. Entire distribution system of water in the college campus is well supervised by technical staff to ensure that there are no leakages and wastage of precious water in connecting valves. All the staff and students of the college are well educated to use water economically and efficiently. Also, wash basins are available at each laboratory for washing vessels and apparatus. Water facilities are availed in the entire college without any interruption. The RO plants are periodically cleaned and maintained by assigning a specific technician in the maintenance department. The arts block and science block have separate RO water to facilitate safe and clean drinking water supply through tap in a judicious manner. Over the past years TPGASC has undertaken number of initiative to utilize water more efficiently, effectively within the campus. **Our conservation policy is in**

line with the policy announced by the Government of India 2021 that is 'Jal Shakti Abhiyan'.