

# 1. **AUTOMATION OF WATER TREATMENT PLANTS AT PALASUNI, BHUBANESWAR.**

PHEO, Bhubaneswar has successfully implemented the project for automation of water treatment plants at Palasuni, Bhubaneswar. The system envisages fully computerized system for clear water pumping management and monitoring, on-line water quality data recording, analysis and transmission round the clock. The automation system also includes fully on-line computerized system for water level recording and monitoring in the clear water reservoirs of the water treatment plants. The data are instantly transmitted from the water treatment plants to the computers installed in the chamber of the Executive Engineer, P.H. Division – II, Bhubaneswar through PLC and radio data transmission system. For this, there has been an investment of Rs.65.00 lakhs (approx.) and PHEO has planned to replicate such works in all other cities / towns of Odisha.

**Computerized  
system  
clear  
water  
pumping  
system  
management  
and  
monitoring.**





**On-line computerized system for water quality data recording, analysis and data transmission round the clock.**

**On-line computerized system for water level monitoring in clear water reservoirs.**

