



Problem Statement:

Design a low-power and efficient monitoring system for underground water levels using the Atmega328p microcontroller. The challenge is to develop a sensor array that can accurately measure and transmit real-time data on groundwater levels and quality in remote or difficult-to-access locations. The system should incorporate power-saving mechanisms to prolong battery life and ensure reliable communication, enabling timely detection of water scarcity or contamination issues for effective water resource management.

Company name

Onnano Technologies , Karur, Tamil Nadu