

Monitoring the pH and TDS Level with GSM Module in Hydroponics Farming

Device Overview

This project is a hydroponics monitoring device that measures key water quality parameters, specifically pH and TDS (Total Dissolved Solids), using various sensors integrated with an Arduino microcontroller. The system continuously collects and processes data from the sensors and displays real-time readings on an LCD screen for easy monitoring. Designed to support efficient hydroponic farming, the device helps users maintain optimal nutrient and acidity levels in the water solution, ensuring healthier plant growth and improved crop yield through accurate and timely environmental feedback.

Hardware:

