Our Projects

Internet of Things



Rapid Soil Nutrient Meter

An IoT device designed to measure soil nutrient levels efficiently. Developed for PENS in 2024 to support precision agriculture



Fleet Tracking

A real-time fleet tracking and monitoring system, developed in 2024 for Koperasi Pokphand Jawa Timur to enhance logistics and operational efficiency.



Irrigattion Channel Monitoring

An IoT-based system for monitoring water levels in irrigation channels, developed for PENS in 2024 to optimize water resource management.



Rapid Soil Nutrient Meter Lite

A compact version of the Rapid Soil Nutrient Meter, designed for efficient and portable soil nutrient measurement. Developed for PENS, 2024.

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Soil Nutrient Data Acquisition

Developed in collaboration with bFarm in 2022, this IoT-based system monitors soil nutrient levels to optimize agricultural productivity.



Energy Production Monitoring

IoT monitoring system for tracking energy production from solar panels (PV) and wind turbines, ensuring efficient renewable energy utilization.



Weather Monitoring

An IoT device designed for monitoring weather conditions in rice fields, developed in 2024 to support precision agriculture and climate analysis.