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VEERA PRO

AI-Powered Greenhouse Automation System

Transforming Controlled Environment Farming with Smart Intelligence

Aeronourish Technologies

Empowering Indian agriculture with intelligent, sustainable farming technologies

WHAT IS VEERA PRO?

Veera Pro is a robust smart farming system built for greenhouse and polyhouse growers seeking scalable automation. Engineered with our unique aeroponics integrated hydroponics system, it delivers precision climate control, nutrient dosing, and environmental sensing — all managed through a multilingual AI-powered mobile application.

KEY FEATURES

- Monitors Temperature, Humidity, CO_2, Light, pH, EC, Water Level
- Automates Fans, Heaters, Sprinklers, Solenoid Valves (nutrient/acid/base)
- Switch between Aeroponics and Hydroponics Modes
- Multilingual AI Chatbot for crop-specific recommendations (22 Indian languages)
- App control with voice input, disease detection, and threshold tuning

APP CAPABILITIES

- Monitors Temperature, Humidity, CO_2, Light, pH, EC, Water Level
- Automates Fans, Heaters, Sprinklers, Solenoid Valves (nutrient/acid/base)
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What’s in the Box?

- Assembled Veera Pro controller system
- Sensor suite (Temp, Humidity, CO_2, Light, pH, EC, Water Level)
- Actuator outputs for pumps, valves, fans, and heaters
- Tubing, fittings, and power module
- Access to mobile app + cloud dashboard

Optional Add-ons

- Solar & Battery Backup
- Web Dashboard Access
- Camera Module for Plant Health Imaging
- Additional actuator expansion kit

Why Veera Lite?

- Built for mid-scale automation with data-backed decision making
- Supports full cycle crop control from seeding to harvest
- Flexible to expand into Veera Edge platform
- Designed & Made in India with regional language support

Aeronourish Technologies

Incubated at Dr. Mahalingam College of Engineering and Technology (MCET), Pollachi

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Veera Pro – Empowering the Future of Smart Greenhouse Farming.

THANK YOU

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