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VEERA EDGE

Advanced Smart Farming Platform

Built for Research and High-Precision Agriculture

Aeronourish Technologies

Empowering Indian agriculture with intelligent, sustainable farming technologies

WHAT IS VEERA EDGE?

Veera Edge is an industrial-grade, AI-enabled smart farming system designed for large-scale agriculture, research farms, and academic institutions. Equipped with our proprietary aeroponics integrated hydroponics system, Veera Edge supports multi-zone control, deep data analytics, and intelligent irrigation — all from a unified mobile and cloud interface.

KEY FEATURES

- Monitors: Temperature, Humidity, CO_2, Light, pH, EC, TDS, Water Level
- Controls: Fans, Heaters, Foggers, Sprinklers, Multi-Nutrient Solenoids, Pumps
- Full automation for Aeroponics + Hydroponics switching
- AI image-based disease detection and camera integration
- Cloud & offline threshold management with predictive logic

APP CAPABILITIES

- Multi-zone device and data management
- AI-based crop threshold tuning
- Real-time graphs, downloadable reports, alerts
- Supports voice input and multilingual AI assistant
- Edge-compatible with OTA updates and institutional expansion

What’s in the Box?

- Fully assembled Veera Edge control unit
- Advanced sensor kit (Temp, Humidity, CO_2, pH, EC, TDS, Light, Water Level)
- Actuators: foggers, fans, pumps, solenoid valves (acid/base/nutrients)
- Camera mount (optional)
- App and cloud access license

Optional Add-ons

- HD Imaging for leaf diagnosis
- Web Dashboard with data export tools
- Extended power backup module

Why Veera edge?

- Precision control across multiple crop environments
- Complete integration of hydro + aero systems
- Designed for research, education, and agri innovation
- Built for scalability, reliability, and deep agri-tech integration

Aeronourish Technologies

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

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Veera Edge – Advancing the Science of Smart Agriculture

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THANK YOU

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