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VEERA EDGE

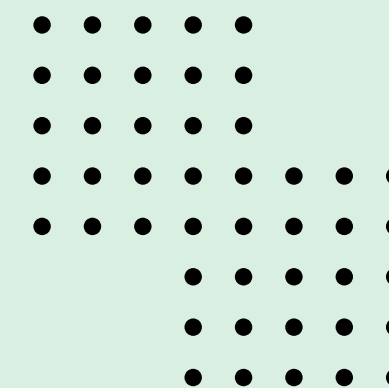
Advanced Smart Farming Platform

**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, CO₂, 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**
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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, CO₂, 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**

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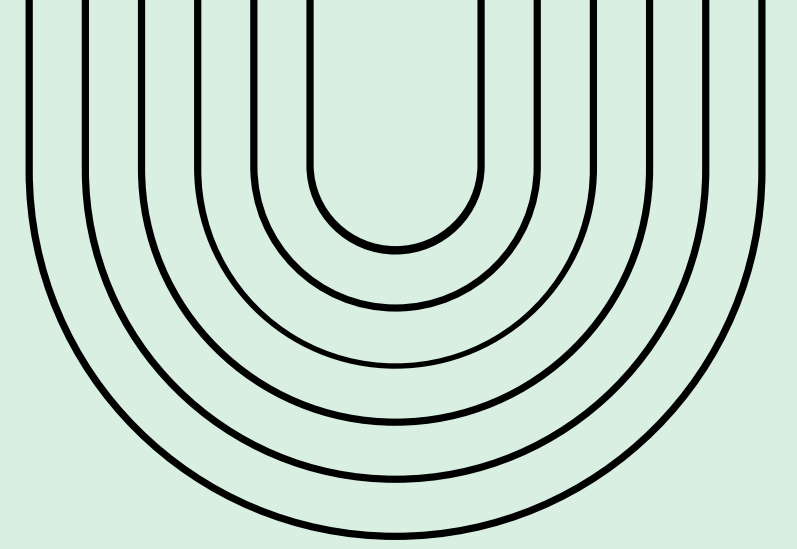
Incubated at Dr. Mahalingam College of Engineering and Technology (MCET), Pollachi

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Veera Edge – Advancing the Science of Smart Agriculture

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THANK YOU



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