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VoICE Hails Hon'ble PM's Agri-Digital Vision as it showcases Satnavari Smart Village as Ready-to-Scale National Blueprint

New Delhi, November 12, 2026: The **Voice of Indian Communication Technology Enterprises (VoICE)** today welcomes Hon'ble Prime Minister Shri Narendra Modi's landmark address at the *Kisan Tak Bharat Agriculture Conference* at Bharat Mandapam, noting that the national roadmap outlined by the Prime Minister mirrors the live, indigenous technology architecture already deployed at **Satnavari**, India's first AI-enabled Smart and Intelligent Village.

In his plenary address, the Hon'ble Prime Minister emphasized empowering smallholders through **Artificial Intelligence, IoT sensors, drones, scientific soil testing, reduced chemical usage, and solar-powered water management**.

Commenting on the address, **Shri Rakesh Kumar Bhatnagar, Director General, VoICE**, stated:

"What the Hon'ble Prime Minister articulated today as a national imperative for Indian agriculture has already been built, tested, and validated on the ground by indigenous Indian tech companies at Satnavari in Nagpur. Launched on August 24, 2025, Satnavari is the world's first live implementation of the global ITU-T Y.4218 Smart Village standard. It proves that when indigenous 5G, IoT soil sensors, AI advisory, and autonomous drones work together, farmers save water, cut chemical costs, and boost yields simultaneously."

Key Highlights of the Satnavari Proof-of-Concept:

- **Precision Soil & Chemical Management:** Embedded IoT sensors monitor real-time NPK and soil moisture, while AI-guided drones apply liquid fertilisers and pesticides strictly where needed—cutting fertiliser expenses by **30%** and protecting soil health.
- **Water & Allied Sector Gains:** Automated sensor-driven irrigation saves **25–40% water**, while IoT water-quality monitoring in village ponds has boosted local fishery yields by **20–30%**.
- **Scaling to 250 Villages:** VoICE has submitted a comprehensive blueprint to the Ministry of Communications, PMO, and NITI Aayog to scale this indigenous consortium model across **250 Smart Samriddhi Villages in 17 States**, moving India from isolated pilots to interconnected rural digital clusters.

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