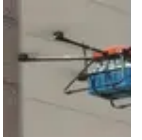




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NEWS

Pune Startup Atreya Innovations Develops AI-Powered Pulse Diagnostic Tool for Ayurveda

Wednesday, January 8, 2025 • 2 min read



By :- Team VOH

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Pune Startup Atreya Innovations Develops AI-Powered Pulse Diagnostic Tool for Ayurveda



Parag Kulkarni

Co-Founder and CTO,
Atreya Innovations Pvt. Ltd.

Pune-based startup Atreya Innovations has introduced Nadi Tarangini, an AI-driven pulse diagnostic device designed to assist Ayurveda practitioners in monitoring patients' health across 22 parameters. The device, developed by Aniruddha Joshi during his research project at IIT Bombay, combines traditional Ayurvedic practices with advanced technology to provide precise health insights.

“Nadi Tarangini integrates ultra-sensitive sensors with cutting-edge algorithms, delivering accurate pulse readings. It analyzes key Ayurvedic parameters, including Tridosha balance (Vata, Pitta, Kapha), stress levels, and digestive health. The device generates reports in 10 Indian languages with an accuracy rate of approximately 85%,” said Joshi, who founded Atreya Innovations with support from entrepreneur Anand Deshpande.

The project received a research grant from the Council of Scientific and Industrial Research (CSIR) and has been granted patents in the US, Europe, and Indonesia. It is also the first Ayurvedic medical device in India to receive approval from the Central Drugs Standard Control Organisation (CDSCO).

Joshi credited his father, Padma Bhushan Prof. J.B. Joshi, for conceptualizing the device, which underwent over six years of intensive research. “This innovation will not only advance Ayurvedic treatment but also initiate the standardization of Ayurvedic practices through technology, making them globally accessible,” he said.

Currently used in more than 1,250 Ayurvedic clinics across India, the device has gained recognition from Prime Minister Narendra Modi, who praised it during his ‘Mann Ki Baat’ program.

Manufactured at Atreya Innovations' facility in Pune's Hinjewadi, Nadi Tarangini is priced at ₹55,000. The company, with an annual production capacity of 5,000 units, recently secured ₹5 crore in seed funding to expand research, establish a distribution network, and scale production.

This breakthrough innovation is set to transform Ayurvedic practices, merging tradition with modern technology to benefit practitioners and patients worldwide.

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