

Dr. Deepa Prakash

Managing Director / Scientist:
Kadamba Nanom Pvt. Ltd.

**Food Science & Nutrition, Functional Foods, Nanomedicine,
Public Health Nutrition, Translational Research**



Educational & Academic Background

- Dr. Deepa Prakash holds a **Doctoral Degree in Food Science and Nutrition** (2014), with research focused on determinants of food behaviour in children, including cognitive performance, physical endurance, and nutrition education. Her doctoral research was funded by the **Defence Research and Development Organization (DRDO), Government of India.**
- **Qualified UGC-NET (Lectureship)**
- **M.Sc. in Food Science and Nutrition from University of Mysore**
- **PG Diploma in Quality Assurance & Food Analysis from Defence Food Research Laboratory**
- **B.Sc. in Nutrition, Chemistry, and Zoology from Mount Carmel College**

Professional Experience & Leadership

- **Managing Director**, Kadamba Nanom Pvt. Ltd. (2026–Present)
- **Scientist**, Kadamba Intrac Pvt. Ltd. (2018–Present)
- **Director**, Kadamba Souharda Sahakari Niyamit
- **Independent Director**, Vinyas Innovative Technologies Ltd., Mysuru
- **Founding Partner**, TagTaste Foods Pvt. Ltd., Gurgaon
- **Advisor**, Atsuya Technologies Pvt. Ltd., Chennai
- Former **Scientist** at CSIR–CFTRI (2014–2017) : Contributed to institutional development, including **establishing incubation centers and technology transfer initiatives.**

Contributions in Research & Innovation

- **Functional Foods & Nutritional Interventions**
Development of innovative products such as cognition-enhancing hydration systems (NICE-water), PKU-specific nutritional formulations, and functional foods enriched with Omega-3, chia, and quinoa.
- **Nanotechnology & Translational Research**
Active involvement in green nanotechnology-based therapeutic systems, including nanoparticle-enabled bioavailability and integrative nano-Ayurvedic medicine approaches.
- **Public Health Nutrition & Behavioral Science**
Research on nutrition education using Social Cognitive Theory, focusing on improving cognitive performance and dietary behavior in children and adult populations.
- **Agricultural & Rural Development Initiatives**
Led development of Raitha Mitra Farmer Producer Company (1,500+ farmers), promoting cultivation and commercialization of chia and quinoa, supporting farmer livelihoods and education.
- **Technology Transfer & Government Collaboration**
Coordinated product launches and technology transfer initiatives with state governments (e.g., Sikkim) and national agricultural marketing institutions.

Teaching & Academic Contributions

- Associate Professor at **Academy of Scientific and Innovative Research**
- Guest Lecturer at Karnataka State Open University and University of Mysore
- Contributor to academic curriculum development (Food Laws)

Publications & Scientific Contributions

Authored multiple **peer-reviewed publications** in national and international journals, with research spanning:

- Green nanotechnology and nano-Ayurvedic medicine
- Functional foods and nutrition interventions
- Cognitive performance and dietary behaviour
- **DRDO publication booklet** on child nutrition and presented extensively at international and national conferences.

Awards & Recognition

- Best Poster Award – NUTRA Conference (2012)
- Havaliram Pashricha Award – Nutrition Society of India (2009)
- Academic excellence awards during M.Sc. program
- Recognized for outstanding research presentations and contributions

Memberships

- Life Member – Nutrition Society of India
- Life Member – Association of Food Scientists & Technologists (India)
- Life Member – Association of Toxicologists and Risk Assessors

Innovation Excellence

- **Expertise in Human Nutrition & Public Health Ethics**
Strong foundation in human studies, dietary interventions, and behavioural research.
- **Translational Research & Product Development**
Experience in bridging laboratory research with real-world applications, ensuring safety and efficacy.
- **Regulatory & Food Safety Understanding**
Knowledge of food quality, safety standards, and compliance frameworks.
- **Community & Rural Engagement Perspective**
Unique insights into ethical considerations in community-based research and farmer-linked programs