



CA Labs

**Innovating Life
Sciences & Guiding
Emerging
Organizations**



About Us

CA Labs specializes in life sciences, relentlessly working towards developing new products, innovative processes, and cutting-edge technologies.

Beyond these efforts, the company plays a significant advisory role, offering guidance and support to budding organizations in the industry.

50+

Projects Completed

30

Years of Experience

Founder:

Dr. Chetan C.J., PhD., is the founder of CA Labs, with a vision to build a scientifically advanced India.

Trained at the prestigious Indian Institute of Science (IISc) under Dr. N.K.S. Rajan, Dr. Chetan has several publications and is a member of multiple prestigious societies.

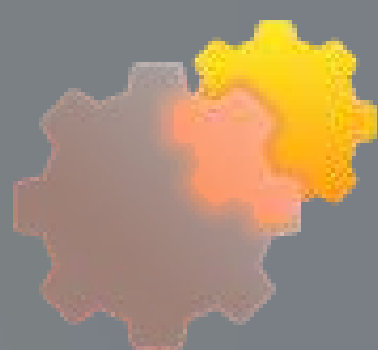


Our Vision

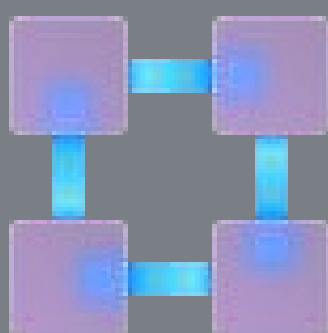
To build process, product and technology using science and only Science



Product



Process



Technology



Our Technology



Continuous Noodles Technology

Efficient tool for consistent, high-quality noodle production using a screw extruder.

Fresh noodles needs no further cooking with higher bioavailability and Digestability



Puffing of Millets and Super Cereal Grains

Enhances texture, flavor, and nutritional profile of grains by puffing them through high temperatures and pressures.



Continuous Gelatinization of Starch

Essential process that affects texture and digestibility of starch-containing foods.



Continuous Soup and Porridge-making Technology

Easy to prepare, nutritious soups and porridges adaptable to various dietary needs.



Hot Melt Extrusion & Granulation Technology

Structure modification and texture enhancement with increased porosity, making the active ingredient highly soluble and bioavailable.



Our Services



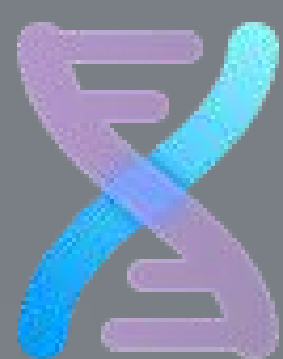
Food Science and Technology

Innovative food processing techniques for millets, protein bars, soups, and starch products, focusing on nutritional enhancement and food waste reduction.



Pharmaceutical/ Herbal/Nutraceutical Technology

Advanced pharmaceutical processes including granulation, taste masking, and encapsulation to improve product quality and effectiveness.



Materials Technology

Development of new, sustainable materials such as starch-based compostables and biodegradable polymers for diverse applications.



Our Team



Dr. Chetan C. J, PhD
Founder/Lead – Engineering
and Technology

- Trained at IISc under Dr. N.K.S Rajan
- Awarded “Honoris Signum” by a European University
- Member of Indian Physics Association, Material Research Society of India, and more
- 20+ years of industry experience
- Interests: Design of new products, process engineering, applied rheology
- Guest lectures and student mentorship in Food and Pharmaceutical Sciences



Dr. Deepa Prakash, PhD
Lead – Food Science and
Nutrition

- Trained at Defence Food Research Laboratory, DRDO
- Former Scientist at CSIR-Central Food Technological Research Institute
- Expertise in quality assurance, food safety, farm gate food processing, and food technology innovations



Yagna V, MTech
Head – Product Design and
Development

- Master's degree from IIITDM-Kancheepuram
- Specializes in Mechanical System Design
- 8+ years of experience in food processing, machine tool, and automotive industries
- Expertise in innovative mechanical solutions



Our Team



Dr. N.K.S Rajan, PhD
Advisor – Engineering and
Technology

- 30+ years of research and academic excellence
- Guided many PhD students and led government and industry projects
- Research interests: Combustion, Heat Transfer, Fluid Dynamics, Renewable energy, Advanced CFD Simulation



Dr. Vijay Kulkarni, PhD
Advisor – Pharmaceutical
Sciences

- 16+ years in pharmaceutical R&D
- 11 years in Hot Melt Extrusion Technology
- Postdoc research scholar at University of Mississippi

Join us in pioneering the future of life sciences. Collaborate with CA Labs to bring your innovative ideas to life.



Contact us



www.calabs.in



chetan@calabs.in



+91 89712 31652



2nd Floor 1231/2 6th Main,
5th Cross, Yeshwantpur
Bengaluru – 560022



64, 1st Main, 3rd Cross,
K G Layout, Chikkagubbi,
Bengaluru – 560077
Karnataka, India