



सीएसआईआर
CSIR
भारत का नवावार इंजन
The Innovation Engine of India

CSIR-CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE, MYSURU



अचपाने व सर्वदा

Technology Transfer & Business Development (TTBD)



INVITATION FOR EXPRESSION OF INTEREST (EOI)



Commercialization of Innovative Seaweed-Based Functional Food Technologies Developed under the CSIR Seaweed Mission

Transforming Marine Biomass into
**High-Value
Functional Foods**



SUSTAINABLE



FUNCTIONAL



CLEAN-LABEL



GLOBAL IMPACT



CSIR-CFTRI invites food industries, nutraceutical companies, bakery manufacturers, ingredient suppliers, MSMEs, start-ups and entrepreneurs to partner in the commercialization of innovative seaweed-based food technologies developed under the CSIR Seaweed Mission.



These technologies are designed to address the growing global demand for plant-based, sustainable, functional and clean-label foods while creating value from India's marine bioresources.

TECHNOLOGIES AVAILABLE FOR LICENSING

1. *Gracilaria debilis* Based Technologies



✓ Fermented Biomass Powder

- Functional food ingredient rich in dietary fibre and bioactive compounds
- Suitable for nutraceuticals, bakery products, beverages and health supplements
- Ideal as a B2B ingredient for food manufacturers



✓ Functional Cookies with Fermented Biomass Powder

- Healthy, fibre-rich bakery product
- Developed for health-conscious consumers
- Suitable for retail, institutional and export markets



2. *Ulva* sp. Based Technology



✓ Ulva Nutribar

- Nutrient-rich functional snack incorporating *Ulva* biomass
- Suitable for sports nutrition, wellness, meal replacement and healthy snacking
- High potential in domestic and international functional food markets



RICH IN
BIOACTIVE
COMPOUNDS



NATURAL SOURCE
OF DIETARY FIBRE
& MINERALS



SUPPORTS IMMUNITY
& OVERALL
WELL-BEING



SUSTAINABLE
INNOVATION
FOR THE FUTURE

WHY PARTNER WITH CSIR-CFTRI?

- ✓  Proven food processing technologies
- ✓  Technical know-how and process documentation
- ✓  Scale-up and commercialization support
- ✓  Product validation and quality assurance
- ✓  Training and consultancy support
- ✓  Technology licensing for commercial production
- ✓  Opportunities for joint product development



POTENTIAL MARKET SEGMENTS



Functional Foods



Nutraceuticals



Health & Wellness Products



Bakery & Snack Foods



Sports Nutrition



Plant-Based Foods



Institutional Nutrition



Export Markets

WHO CAN PARTICIPATE?



Food Processing Industries



Nutraceutical Companies



Bakery & Confectionery Manufacturers



Ingredient Manufacturers



Start-ups & MSMEs



Entrepreneurs



Export Houses



Investors

SUBMIT YOUR EXPRESSION OF INTEREST



Organizations interested in commercializing these technologies are invited to submit their **Expression of Interest (EOI)**.

Selected applicants will be invited for technical discussions, technology demonstrations and commercialization through **Technology Transfer Agreements**.

CONTACT



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Partner with **CSIR-CFTRI** to bring the next generation of **sustainable, seaweed-based** functional foods to the market.

