



खाद्य रसायन एवं प्रौद्योगिकी प्रयोगशाला

कृषि एवं खाद्य अभियांत्रिकी विभाग, भारतीय प्रौद्योगिकी संस्थान खड़गपुर

Food Chemistry and Technology Laboratory



Agricultural and Food Engineering Department, Indian Institute of Technology Kharagpur

## Innovation Hub on Rice Fortification

organizes

**FortiSF2024**



### Workshop for FRK Manufactures & Blenders

&

### Symposium on Technological Advancements in Staple Food Fortification



**22 - 23 February 2024**



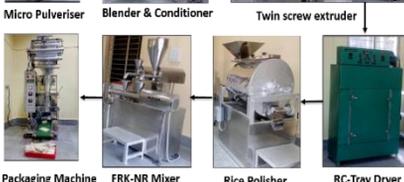
## IIT Kharagpur

The Indian Institute of Technology Kharagpur, a pioneer in science based engineering education in India, is dedicated to cultivating individuals of the highest caliber to advance national self-reliance in technology. The Agricultural and Food Engineering department (AgFE) of IIT Kharagpur, first of its kind among IITs, plays a vital role in ensuring food and nutritional security through its six specialized disciplines. The department is committed to knowledge dissemination through seminars, symposiums, and training programs. Notably, the Food Chemistry and Technology Laboratory (FCTL) within AgFE has been a driving force in food science and technology, particularly focusing on food fortification for the past three decades.



## Innovation Hub on Rice Fortification

The Innovation Hub for Rice Fortification (IHRF) is a ground breaking consortium of various organizations including IIT Kharagpur striving to revolutionize the nutritional landscape for millions of Indians. The FCTL at AgFE, IIT Kharagpur has significantly contributed to the development and promotion of cost-effective and cutting-edge technologies for fortified foods including FRK (Fortified Rice Kernels) manufacturing and blending, equipment design, QA/QC, SOPs and supply chain, thus aligning its efforts with the overarching mission of the IHRF.



# FortiSF2024

Staple food fortification offers a cost-effective solution for the heavy burden of micronutrient malnutrition. Hon'ble Prime Minister Shri Narendra Modi declared that by 2024 all the rice supplied through PDS will be fortified rice. Collaborating with IHRF partners, IIT Kharagpur's FCTL strives for this goal. FortiSF2024 reflects this dedication by providing a collaborative platform, fostering information exchange and discussion on advanced technologies, quality, and regulatory aspects of staple food fortification. It's also a launchpad for emerging talents in food fortification, offering platforms for students, young researchers, and budding entrepreneurs in the form of oral and poster presentations, novel idea/models/product presentation and a start-up pitch competition.

## Workshop for FRK Manufacturers and Blenders

22 February 2024, 2 pm - 6 pm

An immersive workshop tailored for FRK manufacturers and blenders, offering expert lectures on rice fortification, interactive sessions, and product/machinery displays. It features an exclusive start-up pitch competition for the young innovators and creative thinkers.

- Expert lectures on various aspects of rice fortification
- Presentations by FRK manufacturers and blenders
- Exclusive Q&A/ interactive session for FRK manufacturers and blenders
- Display of products/machinery by FRK manufacturers and blenders
- **Fortified foods start-up pitch competition for budding entrepreneurs** (Best three ideas will be recommended for incubation in the ABIF IIT Kharagpur on fulfillment of requirements)

## Symposium on Technological Advancements in Staple Food Fortification

23 February 2024, 10 am - 6 pm

The symposium convenes esteemed voices from industry, academia, and government, delving into crucial topics such as emerging challenges in food fortification. It includes student competitions that span across various aspects of food fortification themes and upcoming cutting-edge technologies.

- Invited lectures by eminent personalities from industry, academia, government and NGOs
- Panel discussion on emerging issues and challenges in food fortification
- Oral and poster presentations
- Industry-academia interface on food fortification ecosystem
- **Competitive novel ideas/products showcasing** in the form of working model, product or creative video

## Themes for technical sessions/poster presentations

- ❑ Novel technologies for formulation and processing of fortified foods
- ❑ Sustainable packaging materials and technologies for fortified foods
- ❑ Quick and smart systems for QA/QC, micronutrient and safety analysis of fortified foods
- ❑ Application of AI in food fortification
- ❑ Regulatory aspects and supply chain management
- ❑ Pioneering start-up ideas in food fortification

Participation in the competitive events & presentations is limited to registered delegates

## Important deadlines

31 December 2023	Submission of abstract
10 January 2024	Acceptance of abstract
31 January 2024	Submission of full paper/B-plan

All accepted abstracts will need a full paper submission. For guidelines and formats for all competitive events and presentations [click here](#).

## Registration fee (₹, inclusive of GST)

	Up to 15/01/2024	After 15/01/2024
Student & research scholar	1770	2360
Academic and government institutions	2950	3540
Industry and non-government organizations	4720	5900

Registered delegates are entitled to a registration kit, breakfast, lunch and refreshments during the sessions

## Sponsorship (₹, inclusive of GST)



**Platinum**  
**5.90 lakh**



**Gold**  
**4.13 lakh**



**Silver**  
**2.36 lakh**

Platinum/Gold/Silver sponsors will be provided free registration and accommodation for their 3/2/1 representatives, respectively. In addition, they will be provided one page advertisement in the souvenir limited to 25 Mb and advertisement space for a banner of size 6 X 2.5 ft.

## Mode of payment

All payments are to be made through online bank transfer using the provided details below. UTR/ payment receipt should be uploaded to the registration portal.

Account No. - 95562010000790  
IFSC code - CNRB0019556

Bank Name - CANARA BANK,  
A/c Name - IIT RESEARCH SCHEME

## Accommodation

Accommodation to the registered delegates will be arranged in IIT guest houses/hostels and hotels outside campus on payment of applicable charges.

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## Contact Details

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