

First Circular

27<sup>th</sup>

ICFoST

Indian Convention of Food  
Scientists and Technologists

**RAINBOW**

“Raising Agro-processing &  
Integrating Novel technologies for  
Boosting Organic Wellness”

18<sup>th</sup> to 20<sup>th</sup> December, 2019

at

Tezpur University,  
Tezpur, Assam



**Organizers**

Association of Food Scientists & Technologists (India)

and

AFST(I) Tezpur Chapter, Department of Food Engineering & Technology,  
Tezpur University, Tezpur, Assam

**Co-Organizers**

CSIR- Central Food Technological Research Institute, Mysuru, Karnataka  
DRDO-Defence Food Research Laboratory, Mysuru, Karnataka



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# About 27<sup>th</sup> ICFoST

Tezpur, the lush green beautiful city of Assam has the Department of Food Engineering & Technology, Tezpur University and going to host 27<sup>th</sup> ICFoST-2019 (Indian Convention of Food Scientists and Technologists). This year's theme for the convention is Raising Agro-processing & Integrated Novel Technologies for Boosting Organic Wellness (RAINBOW). An old legend states that rainbows are harbingers of good luck and prosperity; in fact, the fairy-tale states that you will discover a pot of gold at the end of a rainbow. This is what ICFoST 2019 will bring to AFSTI and to the people of North East – rainbow of good luck and prosperity to farmers, entrepreneurs and students of our country. The theme has been meticulously chosen with the intent of integrating the organic capital of our country – North East India into the central chain of food safety and food processing, thereby propagating agro-processing and contemporary technologies in enhancing the organic wellness. It thus seems to be apposite that we integrate the essence of the North East into an aromatic blend of our nation's progress towards an organically rich, safe and healthy India. All over the world “Organic” has been a premium enticing word for industry, market and the overall

wellbeing of ecosystem. It is therefore imperative to discuss the novel technologies developed across the academia, Industry and agriculture sector for increasing the overall processing of agriculture commodities. This is the only way to help our nation's goal of doubling the farmers income. “One can grow, only when they know”, ICFoST 2019 will bring in new developments for Agro- processing and enlighten the participants on new regulations, novel technologies and future trends. This conference will be the Rainbow for students specifically from farmer communities and food science and technology programs so as to bring in Organic Wellness and Prosperity to their processed and fresh foods. With this Rainbow, lets help to build the pot of gold for Food Industry.

This region of the country, being the flag-bearer in organic food sector; the Association of Food Scientists & Technologists (India) in association with AFST(I) Tezpur Chapter, Tezpur University, Tezpur, Assam proposed to hold a three days National Convention on “Raising Agro-processing & Integrating Novel Technologies for Boosting Organic Wellness (RAINBOW-2019)” at Tezpur University, Tezpur, Assam during 18-20 December, 2019.

## Subthemes

1. Novel approaches in food processing
2. Food quality, safety and regulations
3. Designer foods for health and wellness
4. Food engineering and automation
5. Food biotechnology and bioprocessing
6. Food packaging solutions
7. Plantation products and spices
8. Traditional foods
9. Organic foods
10. Functional foods
11. Food microbiology and fermentation
12. Nutritional biochemistry of foods
13. Post-harvest technologies
14. Start-ups in food processing

## Correspondence

**Dr. Dadasaheb D. Wadikar**  
Organizing Secretary, 27<sup>th</sup> ICFoST  
Email ID: [icfost2019@gmail.com](mailto:icfost2019@gmail.com)  
Contact No.: +91-8073205598

**Prof. Sankar Chandra Deka**  
Local Organizing Secretary, 27<sup>th</sup> ICFoST  
Email ID: [sankardeka1965@gmail.com](mailto:sankardeka1965@gmail.com)  
Contact No.: +91-9435408396



The Association of Food Scientists and Technologists has been in existence since August 1957 and is registered under the Karnataka State Societies Act. This is one of the biggest Associations in the country reaching global platform through professional membership of scientists, technologists and engineers who are tomorrow's professionals. Today, total 36 Chapters in India, its membership is around 3,000 food scientists and technologists around the globe.

AFST(I) membership is open to all food professionals engaged in academic, industrial and other related activities. It has a well-written constitution, which forms the backbone of guidelines by which the Head Quarters and Chapters are functioning through their elected Central Executive Committee (CEC) and Local Executive Committees (LECs), respectively. The election of Office Bearers to these committees, their powers and functions are part of the constitution. One of the fundamental duties of the Association is to bring together members on a platform along with the experts in the field not only from India but also from abroad, along with the captains of the industries to share the commonalities of the cutting-edge technology in today's changing scenario. It is in this context that the Association organizes the annual conferences ICFoST, which is attended by a large number of scientists, technologists, entrepreneurs, and it hosts an international conference IFCoN once in every five years. The two journals, the Journal of Food Science and Technology (JFST) and the Indian Food Industry Mag (IFI Mag) are the flagships of AFST(I) activities. Receiving of Indian Food Industry Mag (Print copy) and online access code to Journal of Food Science and Technology (JFST) are being the privilege of an AFST(I) member.

### Objectives

Main objective of AFST(I) is to strive for the

advancement of all aspects of science and technology relating to the production, processing and distribution of food and in pursuit of this objective, AFST(I) will seek:

- ❖ To promote the rational and economic development of food science and technology in the country so as to ensure the best interest of the community at large.
- ❖ To stimulate research, development and training in the science and technology of food. To promote among its members, a high standard of technical proficiency, professional expertise and personal integrity so as to elevate in turn the profession of food science and technology.
- ❖ To collaborate with other organizations, national or international in activities relating to furtherance of the AFST(I) objectives.
- ❖ The ultimate objective is to serve the humanity through better food.

### Major Activities

- ❖ Publication of Journal of Food Science and Technology (JFST) (R&D Journal) is monthly and Indian Food Industry-Mag (Technology & Trade journal) is bi-monthly.
- ❖ Arranging lectures and seminars for the benefit of members.
- ❖ Holding national and international Symposia and Conferences on different aspects of Food Science, Technology and Engineering.
- ❖ Holding Food Expositions coinciding with Symposia.
- ❖ Promoting food industries development and excellence in research and development in Food Science and Technology by giving annual awards.
- ❖ Taking proactive role in shaping public opinion and government policies with regard to safety and quality of food policies and development of food industries.





## Tezpur University, Tezpur, Assam

Tezpur University is a central university located in Tezpur in the North Eastern state of Assam established by an Act of parliament in 1994. This university is awardee of Visitor's Best University Award, 2016; ranked 5<sup>th</sup> among Indian top 100 universities of MHRD-NIRF 2016. It is one of the Premier Higher Learning Institutions of India and is fully residential University, which has recently featured in the Times Higher Education (THE) World's top 20 Best Universities, offers 73 academic programmes through 22 departments under the Schools of Engineering, Humanities & Social Sciences, Management, and Sciences. The University also offers 07 programmes under its open and distance mode. With more than 4000 students, 250+ faculty members and 270+ administrative and technical personnel, the University today is a hub of quality activities in higher education and research.

The 262-acre meticulously planned campus of the University provides an excellent ambience for pursuit of education and research. Apart from the state-of-the-art laboratories at the departments, the University has a Sophisticated & Analytical Instrumentation facility, which currently houses a number of sophisticated instruments. The Central Library with its LybSys software, serves as the hub of information services apart from being a knowledge center with more than 90,000 documents comprising books, theses, journals/e-journals, conference proceedings, CDs, etc. The University takes special care to cultivate the minds of the students through various co-curricular activities.

In its 25th glorious year, the University has emerged as one of the most sought-after universities in the North East and striving to become a truly outstanding university in the country and in the global arena.



## CSIR- Central Food Technological Research Institute, Mysuru, Karnataka

CSIR-Central Food Technological Research Institute has been one of the prime Institution under Council of Scientific & Industrial Research under Ministry of Science and Technology, Govt. of India devoted to Food Science & Technology for more than six decades. The Mandate of the Institute includes ensuring food and nutritional security of the country through S&T interventions.

The Institute has been in the forefront in generating quality human resources for the development of food industry. The spectrum of programs offered are post-graduation in Food Technology, Integrated M.Sc-Ph.D in Nutrition Biology, Certificate in Flour Milling and short term training for entrepreneurs and Industry personnel. Over 250 students are pursuing their doctoral studies in food and allied subjects.

Over the years, CSIR-CFTRI has brought out many innovative products and processes into the market in tune with the state-of-art R&D practices and the changing lifestyles of the consumers. Some of the pioneering efforts include introduction of infant foods, Instant ready-mixes, parboiling of paddy, Spirulina cultivation, health and wellness food products including superfoods. Societal interventions have been the hallmark of the unique Institution and large numbers of farmers are empowered regularly on affordable and sustainable methods for value addition to agri-commodities contributing to rural economy.





## DRDO-Defence Food Research Laboratory, Mysuru, Karnataka

Defence Food Research Laboratory (DFRL) was established in 28<sup>th</sup> December, 1961 under the aegis of Defence Research and Development Organization (DRDO), Ministry of Defence, Government of India, at Mysore specially to cater to the strategic operational requirements of our Services and to provide logistical support in the area of food supplies and ration related challenges. The Research and Development (R&D) efforts at DFRL are aimed at designing and engineering lightweight, convenience pack rations for Army, Navy, Air Force and other Paramilitary Forces, which do not require any elaborate cooking or preparation at the consumer's end and remain shelf-stable under varying climatic conditions for periods ranging from 6 months to 1 year. This is the only laboratory, which is exclusively engaged in R&D focused to food related requirements of defence forces. DFRL, through the

dedicated efforts of its scientists, has been able to conserve, preserve, stabilize, design, fabricate and engineer a vast array of food products of Indian dietary which are not only shelf stable under all weather conditions but also deliver adequate nutrition and energy to keep the morale of our Service personnel high at all times. Through substantive contributions, DFRL has developed a wide variety of food products of Indian dietary matching the mainframe palate tastes of the country. Many of the DFRL foods, born out of innovative state-of-the-art technologies, lend themselves eminently suitable to industrial scale commercial exploitation by enterprising entrepreneurs of different genre and export as well. DFRL has more than 500 ToT's to its credit thus contributing to employment generation, vendor generation for armed forces, and make in India initiative of the GOI in Food Sector. DFRL can be reckoned as the leader in convenience foods and packed ration developments in this country. Indigenous ingenuity is the hallmark of most of the technologies developed at DFRL.

### Oral Presentation

The researchers are requested to submit the abstract (250 words maximum) based on original research work related to themes of the seminar along with brief bio-data at email ID ([icfost2019@gmail.com](mailto:icfost2019@gmail.com)) Papers for oral presentation will be selected after review process.

### Poster Presentation

Original research work on any field of food science and technology can be presented. The researchers are requested to submit the abstract (250 words maximum) online at [www.icfost.org](http://www.icfost.org). Only one poster per registration is allowed. Awards will be given to the selected posters.

### Food Expo

Food Expo is an important marketing tool, a great commercial showcase and a privileged presentation means for a large number of potential clients in a delimited period of time and space. Show case of food processing machineries, instruments, ingredients, processed foods, institutions and publishers. Approx. area 100 square feet, with standard facilities like Free registrations 1 (Full + 1 Accompanying) and one colour advertisement in souvenir @ Rs. 50,000/-. Interested organizations may contact the organizers for details.

### Registration

Participation is open to all individual working in the field of food science and technology. All participants need to register and pay the required registration fee online on the given account. All the payment details regarding registration, sponsorship, expo etc. to be sent to Organizing Secretary, 27<sup>th</sup> ICFoST, 2019, AFST(I) Mysuru, Karnataka.



## Registration Fee

Delegate Category	AFSTI Member	Non-Member
Faculty/Scientists/ Industry personnel	₹2500.00	₹ 3500.00
Student Members*	₹1500.00	₹ 2000.00
Accompanying person National	₹1500.00	₹ 2500.00
Overseas / Accompanying person International	US\$ 100.00	US\$ 150.00

\*Research fellows and project assistants do not qualify for this registration as student's member

\*Student's participants will require to apply with copy of their latest and valid Student Identity Card  
Accompanying person will not get registration kit.

### SOUVENIR

Multi-colour souvenir having the technical matter of oral and poster presentation of the conference, advertisements of food products, machineries, institutions, etc. will be given to each delegate (e-copy and/or hardcopy).

### SPONSORSHIP

Sponsorship in the form of event, session, poster awards, kit, lunch, dinner, tea, souvenir advertisements, etc. are invited for publicizing your organization.

Details	Amount
Back Outer Cover (Colour)	₹50,000/-
Inside Cover Front (Colour)	₹30,000/-
Inside Cover Back (Colour)	₹25,000/-
Inside Full page (Colour)	₹20,000/-
Inside Full Page (B & W)	₹10,000/-
Half page (Colour)	₹10,000/-
Half page (B & W)	₹5,000/-

Sponsorship Category	Amount
Platinum Sponsor	₹5,00,000/-
Gold Sponsor	₹4,00,000/-
Silver Sponsor	₹3,00,000/-
Lunch/ Dinner Sponsor	₹2,00,000/-
High Tea/ Breakfast Sponsor	₹1,00,000/-
Technical Session Sponsor	₹50,000/-
Delegate Kit Sponsor	₹50,000/-

### IMPORTANT DATES

A.	ICFoST web-Portal Opening Date	: 01.08.2019
B.	Submission of abstract on or before	: 31.10.2019
C.	Last date of registration	: 15.11.2019
D.	Souvenir advt. booking	: 20.11.2019
E.	Food expo stall booking	: 30.11.2019

### Mobile app advertising

Advertising on Mobile app which will be available for one year	₹15,000/-
Mobile app sponsorship	₹30,000/-

### Accommodation

Delegates have to make their own arrangement for accommodation. Research scholars and Graduate/Post-graduate student participants will be provided accommodation in the University hostels on payment basis. Few address and tariff will be uploaded on ICFoST website and/or AFST(I) websites.

### Reaching Tezpur University

**By Air:** Tezpur is directly connected by Air India flights from Kolkata and Guwahati. However, it is convenient to reach Guwahati by air from different location of India.

**By Train:** Guwahati railway station is well connected to major Indian Cities by rail.

The distance between Tezpur and Guwahati airport or Guwahati Railway station is about 200-220 km which can be covered in 4 hours by taxi and bus. At Tezpur, one can get down at Poruwa Chariali and hire an auto to the University campus which is located at a distance of 7 km. Alternatively, one can go directly to the ASTC Bus Stand, Tezpur from where there are University bus services at regular intervals.



## Organizing Patrons

**Prof. Vinod Kumar Jain**

Vice-Chancellor,  
Tezpur University, Tezpur

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Director  
CSIR-CFTRI, Mysuru

**Dr. Anil Dutt Semwal**

Director  
DRDO-DFRL, Mysuru

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**Dr. Prabodh S Halde**

Imm. Past President, AFST(I)

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**Prof. Sankar Chandra Deka**

President, Tezpur Chapter, AFST(I)

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**Dr. K. V. Harish Prashanth**

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Tezpur University, Tezpur

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Associate Professor,  
Tezpur University, Tezpur

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**Dr. N. Bhaskar**  
Editor-in-Chief, JFST

**Dr. Brijesh Srivastava**  
Associate Professor,  
Tezpur University, Tezpur

**Mr. Vedpal Yadav**  
Vice President, Hisar, AFST(I)

**Dr. P. S. Negi**  
Chief Editor, IFI Mag

**Dr. Nandan Sit**  
Associate Professor,  
Tezpur University, Tezpur

**Dr. Poonam Mishra**  
Associate Professor,  
Tezpur University, Tezpur

**Dr. Raj Kumar Duary**  
Assistant Professor,  
Tezpur University, Tezpur

**Dr. Kshirod Kumar Dash**  
Assistant Professor,  
Tezpur University, Tezpur

**Mr. Amit Baran Das**  
Assistant Professor,  
Tezpur University, Tezpur

**Mr. Sourav Chakraborty**  
Assistant Professor,  
Tezpur University, Tezpur

