

XXIII Indian Convention of Food Scientists & Technologists

ICFOST-XXIII
FIRE 2014

Fostering Innovative Research and Entrepreneurship (FIRE) for Indian Foods

13th - 14th December, 2014
NIFTEM Campus, Kundli, Haryana

Organizers



Association of Food Scientists & Technologists (India), Mysore



National Institute of Food Technology Entrepreneurship and Management, Kundli, Haryana

Co-Organizers



CSIR- Central Food Technological Research Institute, Mysore



DRDO-Defence Food Research Laboratory, Mysore

In association with

AFST(I) NIFTEM Chapter and Department of Food Science and Technology, NIFTEM

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About ICFOST - XXIII

India is a multi cultural country and it is reflected in the festivals of India. Each festival has its own signature style of celebration associated with several Indian specialities. A rough estimate indicates that there are more than 5000 preparations being made and consumed across the country though only less than 1% has national foot prints. They are characterized by their non-uniform quality, poor shelf life and small scale batch production. A large number of them have not been studied scientifically. Countries like Japan, Korea, China including Malaysia and Thailand take pride in stocking their market shelves with 'modernized' traditional foods which overwhelm the so called modern foods of western origin. It is common to see the super markets in these countries having a major shelf space occupied by their traditional foods. In contrast most of the markets in India are dominated by western foods with less than 10% space available to truly Indian foods. While on other hand Indian Foods are known for their health benefits and seasonal specialities. These foods are said to contribute about 80% of the Process Food Export Business.

While deciding the theme of ICFOST - XXIII as "Fostering Innovative Research and Entrepreneurship (FIRE) for Indian Foods" following points were in mind. Innovation is lately being seen as the global currency of the 21st century as it not only gives competitive advantages in business but can provide answers to the most pressing challenges facing us. Innovation and entrepreneurship is the key to convert nation's knowledge into wealth and social development. Recent surveys done by Goldman Sachs and Pricewaterhouse Coopers have revealed that India has the potential to be among the world's leading economies by 2050. Entrepreneurship inculcation with due support of cutting edge research is a prime need or critical element of growth to actualize this potential. Thus the focal point of the conference is to foster the ideas for innovative research and making entrepreneurship in food sector with a focus on Indian Foods.

Events consist of Inaugural ceremony, Invited talks, Poster presentation, Student innovations, Food expo, Award ceremony, Souvenir release, etc. Students, academicians, scientists, industrialists and Govt. officials can participate by registering.

Subthemes

Subthemes for active deliberation are preferred as under (but not limited to):

- Indian Foods in ensuring Food Security
- Innovative Industry Focussed Research
- Industry Institute Partnership for Innovations in Product Development
- Food Safety and Traceability in Indian Foods
- Supply Chain, Cold Chain and Storage Issues in Indian context
- Skill Development and Entrepreneurship: Future strategies

About Organisers

Association of Food Scientists and Technologists [AFST(I)] has been in existence since August 1957. 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. One of the fundamental objectives 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 and entrepreneurs. It hosts international convention-IFCON once in five years; regularly conducts conferences and food expos; publishes Journal of Food Science and Technology (Impact Factor >2, published by Springer) and the Indian Food Industry Magazine. The Association recognizes the achievements of food professionals through awards.



National Institute of Food Technology Entrepreneurship and Management (NIFTEM) was conceptualized by Government of India on persistent demand of the food industry to have an Apex Organisation as a One Stop Solution Provider for the various problems of the sector. Ministry of Food Processing Industries, Government of India, has set up this

institute with an initial investment of about Rs 500 crore (US \$100 million). The Institute is spread over an area of 100 acre at a prime location in close proximity of North Delhi – Haryana border on NH-1. The Institute aims at becoming an international centre of excellence in the area of Food Technology and Management. NIFTEM has been recognized as a Deemed to be University under De-novo Category by the University Grants Commission, Ministry of Human Resource Development.



Central Food Technological Research Institute (CSIR-CFTRI) (a constituent laboratory of Council of Scientific and Industrial Research, New Delhi) came into existence during 1950 with the great vision of its founders, and a network of inspiring as well as dedicated scientists who had a fascination to pursue in-depth research and development in the areas of food science and technology. The focus of the Institute has been towards low-cost effective technologies, utilisation of indigenous raw materials, bio-friendly processes with emphasis on integrated technology and high level pursuit for total technology with underpinning of food safety, health and nutrition to all sections of the population. The Institute has geared up its R&D and impact of the globalisation has given very good dividends with a large number of externally funded projects from national and international agencies. The present scenario in the country is very vibrant with rising capital investment in food industry, which is expanding at a rapid pace in urban markets for processed foods, especially for the traditional foods through eco-friendly technologies. CFTRI is an ISO 9001:2008 and ISO 14001:2004 organisation and NABL accredited for chemical and biological testing of samples.



The Defence Food Research Laboratory (DFRL) was established in December, 1961 under the aegis of Defence Research & Development Organisation (DRDO), Ministry of Defence to cater to the strategic operational requirements of our Services and to provide logistical support to the Armed Forces in the area of food supplies. The R&D efforts at DFRL are aimed at designing of engineering light weight convenient, pack rations for Army, Navy, Air Force and other paramilitary forces which do not require any elaborate cooking or preparation at the consumers's end and remain shelf-stable under varying climatic conditions for periods ranging from 6 months to 1 year. DFRL also has products which are export worthy and amenable to working women. Owing to its singular dedicated contributions in processed foods, 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

Oral presentation session consists of Keynote address, Plenary lectures and Technical lectures, professionals with experience can submit abstract on original research work related to the above mentioned topics along with short bio-data for consideration by committee for 20 min technical lecture

Poster Presentation

Original research work on any field of food science/technology can be presented. Only one poster per registration. Best poster awards will be given.

Students Platform

Student delegates can make poster presentations on novel concepts in any field science and technology. Best poster awards will be given.

Food Expo (Industrial Exhibition)

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 organisations may books stalls.

Award Ceremony

Recognition of the achievements of students, young scientists, professionals & industrialists will be held during the convention.

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

Registration fee

All participants have to register through a link ICFOST - XXIII at www.niftem.ac.in. A hard copy of the registration is to be sent to AFST(I) Mysore with DD/Multi City Cheque/Other Payment Proofs

Normal registration will remain open until 05.12.2014. On spot registration charges would be applicable thereafter. Registration fee details are indicated as below:

Important Dates

- | | |
|--|------------|
| A. Submission of abstract on or before: | 24.11.2014 |
| B. Last date of registration (except Spot Category): | 05.12.2014 |
| C. Souvenir advt. booking: | 01.12.2014 |
| D. Food expo stall booking: | 05.12.2014 |

Accommodation

Kindly make direct arrangement with guest house or hostels. Few address and tariff will be uploaded on NIFTEM and AFST(I) websites.

Venue

NIFTEM Campus, Kundli-131028, Haryana

Sponsorship

Sponsorship in the form of event, session, poster awards, kit, lunch, dinner, tea, souvenir advertisements, etc. are invited and it is an excellent way to publicise your firm. For schemes contact secretariat / website. Tariff statement is given as under, there could be some tailor made opportunities beyond the stated categories.

Registration Fees

	Till 05-12-2014		After 05-12-2014
Delegate Category	AFSTI Member	Non-Member	Spot Registration
	INR	INR	INR
Faculty/Scientists from India	₹ 3,000/-	₹ 3,500/-	₹ 5,000/-
Industrial personnel from India	₹ 4,000/-	₹ 4,500/-	₹ 6,000/-
Student Member*	₹ 1500/-	₹ 2000/-	₹ 5,000/-
Overseas Participants	US\$ 150	US\$ 200	US\$ 255
Accompanying Delegates			
National	₹ 1200/-	₹ 1500/-	₹ 2000/-
International	US\$ 50	US\$ 50	US\$ 75
1. *Research fellows and project assistants do not qualify for this registration as students member			
2. *Student's participants will require to apply with copy of their latest and valid Student Identity Card			
3. Accompanying spouse will not get registration kit.			
4. Cancellation till December 5, 2014 @ 50%			

Souvenir Advertisement Tariff

Souvenir Advt. Tariff	Amount (Rs)
Back Outer Cover (Colour)	35,000
Inside Cover (Front/Back, Colour)	20,000
Inside Full page (Colour)	15,000
Inside Full Page (B & W)	10,000
Half page (Colour)	8,000
Half page (B & W)	6,000

Sponsorship Tariff

Sponsorship Category	Amount (Rs)
Gold Sponsor	3,50,000
Silver Sponsor	3,00,000
Lunch/ Dinner	2,50,000
Technical Session	2,00,000
Delegate Kit Sponsor	1,50,000
High Tea/ Breakfast	1,25,000

Payment

All payments regarding registration, sponsorship, expo, etc., to Organizing Secretary, ICFOST-XXIII, AFST(I) Office, CFTRI campus, Mysore-570020, Karnataka will have to be made through DD/Multi city cheque favouring Organizing Secretary, AFSTI CON payable at Mysore.

E-Transfer Details:

AFSTI CON, 64118977443, State Bank of Mysore, CFTRI Branch, CSIR-CFTRI campus, Mysore, India., IFSC Code: SBMY0040055.

For More details :

Dr. G Venkateswaran

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Organizing Patrons

Dr. Ajit Kumar, Vice Chancellor, NIFTEM
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Dr. Harsh Vardhan Batra, Director, DFRL, Mysore

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Mr. Manu Grover, Vice President, Haldiram Group
Sri. Sanjay Sharma, CEO, MTR Foods Pvt Ltd

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Dr. A Jayadeep, Vice President, AFST(I)-HQ
Prof. V N Pawar, Head, FST, NIFTEM

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Dr. G Venkateswaran, Secretary, AFST(I)
Dr. Ashutosh Upadhyay, President, AFST(I)-NIFTEM

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