

26th ICFoST

Indian Convention of Food Scientists & Technologists

Food and Nutrition Challenges: Role of Food Science and Technology

December 7-9, 2017

at

CSIR-Indian Institute of Chemical Technology
Hyderabad

CELEBRATING DIAMOND JUBILEE YEAR OF AFST(I)



AFSTi

Empowering the Food Professional

Organized by

Association of Food Scientists & Technologists (India)

In Association with AFST(I)-Hyderabad Chapter

Co-Organizers



CSIR-Indian Institute of Chemical Technology, Hyderabad



CSIR-Central Food Technological Research Institute, Mysuru



DRDO-Defence Food Research Laboratory, Mysuru

Supporting Organizations



National Institute of Nutrition, Hyderabad



Oil Technologists' Association of India (Southern Zone)

About 26th ICFoST

India's food production has been consistent and encouraging, especially after the green revolution in early 1970s. In spite of continued productivity constraints in case of many crops, India's food production was significant and consistent. India produced 254.7 MMT of cereals and millets, 298.1 MMT of horticulture crops and 146.1 MMT of Milk in 2014. There was, however an ever increasing gap between production and demand of oilseeds and pulses. In spite of such comfortable agricultural production scenario, it is paradoxical that the country has a bleak record of high levels of malnutrition. World Bank estimates indicate that India is home to double the number of children suffering from malnutrition compared to Sub-Saharan Africa. Our record in terms of low birth weight, under weight and stunting as well as our relative position in the global hunger index map are a matter of great concern. Above all, we have a fast growing population, which is expected to exceed China's population by 2025.

The situation arising out of our significant production of agricultural and horticultural crops and the malady of high degree of under-nutrition and malnutrition calls for an urgent review of all aspects of food production, processing and distribution so as to work towards a sustainable and integrated food and nutrition security net for all. Food Science and Technology will be critical and firm vital components towards accomplishing the integrated goal of Food and Nutrition Security.

To address and deliberate on the emerging issues of high national relevance, the Association of Food Scientists and Technologists (India) in association with AFST(I)- Hyderabad chapter proposes to hold a three day National Seminar on Food and Nutrition Challenges-Role of Food Science and Technology" at the CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad during December 7-9, 2017.

Sub-themes for Active Deliberation are Preferred as under (But not Limited to)...

- Food & Nutrition Security
- Cereals, Pulses & Oilseed Processing & Value Addition
- Fruits and Vegetable Technology
- Meat & Fish Processing
- Food Biochemistry & Microbiology
- Nutraceuticals & Functional Foods
- Food Engineering & Packaging Technology
- Food Safety & Regulations

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AFST(I), Hyderabad Chapter

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About Organizers



Association of Food Scientists and Technologists (India)[AFSTI]

has been in existence since August 1957 and celebrating its Diamond Jubilee Year during 2017. 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 conference - 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 (published by Springer) and the Indian Food Industry Magazine. The Association recognizes the achievements of food professionals through various awards.



Central Food Technological Research Institute (CSIR-CFTRI)

has been one of the prime institutions 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 resource 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-the-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, health and wellness food products and recently the superfoods. Societal interventions have been the hallmark of the unique Institution and large number of farmers are empowered regularly on affordable and sustainable methods for value addition to agri-commodities contributing to rural economy and testing of samples.



The CSIR-Indian Institute of Chemical Technology (CSIR-IICT)

is one of the oldest National Laboratories under the Council of Scientific & Industrial Research (CSIR). It started as the Central Laboratories for Scientific & Industrial Research (CLSIR) by the then princely State of Hyderabad in 1944. CSIR-IICT during its seventy three years journey has made its mark as a dynamic, innovative and result oriented R&D organization. The clientele spans all corners of the globe. The reputation that CSIR-IICT could establish amongst the industrial clients as a reliable R&D partner, can be largely attributed to its rich pool of scientists and students with expertise in broad range of research areas and simple & effective business development strategies. The core strength of CSIR-IICT lies in Organic Chemistry, and it continues to excel in this field for over Seven decades. The research efforts during these years have resulted in development of several innovative processes for a variety of products necessary for human welfare such as drugs, agrochemicals, lipids, organic intermediates, adhesives etc. In terms of research outputs, CSIR-IICT has an outstanding record in research publications, patents and technology packages in the CSIR system. A recent study positions CSIR-IICT at number one with respect to number of publications, cumulative impact factor and total number of patents filed. In addition, CSIR-IICT over the years has built comprehensive experience and expertise in setting up resource platforms to promote entrepreneurship in new and emerging areas.





The Defence Food Research Laboratory (DFRL) was established in 1961 under the aegis of Defence Research and Development Organization (DRDO), Ministry of Defence, Government of India, at Mysore especially to cater to the strategic operational requirements of Defence Forces and to provide logistical support in the area of food supplies and varied food challenges of Indian Army, Navy, Air force and other Paramilitary Forces. The R&D efforts at DFRL are aimed at designing and engineering lightweight and convenience pack rations for Defence 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. 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 Defence 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.



National Institute of Nutrition (NIN) is India's premier nutrition research organisation working under the aegis of Indian Council of Medical Research (ICMR), Ministry of Health and Family Welfare, Govt. of India. NIN has attained global recognition for its pioneering studies on various aspects of nutrition research with special reference to protein-energy malnutrition. Institute's activities are broad based, encompassing the whole area of food and nutrition. The institute has achieved close integration in its research activities between the laboratory, the clinic and community. The emphasis shifted to problem oriented research with a view to discovering practical solutions to nutrition problems that can be applied within the existing socio economic frame work. National Institute of Nutrition over 100 years of glorious service to the nation has to its credit an impressive record of achievements in the amelioration of several nutritional disorders of our people. NIN, stood the test of time by remaining ever relevant in tune with the nutritional proprieties priorities of the nation and contributing to the nation building through nutrition research. NIN is to initiate a year-long centenary celebrations starting from 26th November 2017.



Oil Technologists' Association of India (OTAI) is a non-profit association and established in 1943. The Association has five zones (North, South, East, West and Central) with a membership of about 1600 with its Head Office at Kanpur. The Southern Zone (SZ) was formed in 1967 with the headquarters located at CSIR-Indian Institute of Chemical Technology, Hyderabad. OTAI is an Association of Chemists, Engineers, Managers, Scientists, Technologists and Industrialists and its objective is to promote the advancement of technology and research in oilseeds, oils and fats and other lipids and derived products. The Association is represented in various national committees, organizes symposia, workshops, refresher courses on different topics in the field of oils, fats and allied products. OTAI (SZ) instituted several merit awards namely OTAI-OP Narula Young Scientist Award, OTAI-OP Narula Technology Award, Dr. K T Achaya Gold Medals to young researchers and students pursuing graduation and post graduation courses in the area of oils, fats and allied subjects. In honour of Dr. K T Achaya, OTAI (SZ) organises Dr. K T Achaya Memorial Award Lecture every year since 2003.



Oral Presentations

Researchers are requested to submit their abstracts based on original research work related to food science and technology along with short biodata to the Organising Secretaries by e-mail (icfost2017@gmail.com) on or before 10th October, 2017. Papers for oral presentations will be selected after scrutiny. Presenting authors must register for the conference. Abstracts not selected for oral presentations may be considered for poster presentation and the same will be intimated to the authors in advance.

Poster Presentations

Poster abstract should be submitted to the Organising Secretaries by e-mail (afsti.events@gmail.com) on or before 10th October, 2017 on any field of food science/technology and allied areas with special emphasis on the themes provided. Presenting authors must register for the conference. Poster abstracts should be limited to maximum 150 words. The posters should be prepared with dimensions of 3 x 3 ft and the font should be bold and visible from a distance of 3 meters. For submission of posters, kindly refer the guidelines/format attached to this brochure and also in the AFST (I) website.

Food Expo (Industrial Exhibition)

Food Expo is arranged during the ICFoST to show-case the food processing machineries, instruments, ingredients, processed foods, institutions and publishers. Interested may contact Organizing Secretaries to book their stalls. The tariff per stall of 3 m x 3 m Dimension is Rs 30,000/-

Award Ceremony

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

How to Reach CSIR - IICT?

CSIR-IICT is centrally located between the twin cities of Hyderabad and Secunderabad in the area of Tarnaka (Uppal Road) behind Osmania University Campus. The airport is about 40 km from the venue. The railway stations of Hyderabad (Nampally) is about 15 km, Secunderabad is about 6 km and Kachiguda is about 8 km from CSIR-IICT.

Accommodation

Delegates have to make their own arrangements for accommodation. However, few accommodation provisions and tariff will be uploaded in AFST(I) website. The same can be booked directly on first cum first serve basis. The delegates are requested to contact the Organising Secretaries in case of any help.

Registration

Participation is open to all individuals working in the field of Food Science and Technology. All participants have to register through E-mail: icfost2017@gmail.com and a hard copy of the registration form is to be sent to AFST(I) office, # E1-1 Quarters, CSIR-CFTRI campus, Mysuru-20 with DD/Multi City Cheque/Other Payment Proofs in favour of AFST(I) Mysore. Web registration is also possible by using the link <http://afsti.org/icfost>

Mode of Remittance

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

E-Transfer Details: Amount may be Transferred to any of the following Accounts

AFSTI CON A/c No. 64118977443, State Bank of India, CFTRI Branch, CSIR-CFTRI Campus, Mysuru, India., IFSC Code: SBIN0040055

(Or) ICFoST-2017 A/c No. 3935002100009293, Punjab National Bank, Habshiguda, Uppal Road, Hyderabad-500 007, IFSC code: PUNB0393500



Important Dates

A. Submission of Abstracts on or before	10 th October, 2017
B. Last Date of Registration (except Spot Category)	10 th November, 2017
C. Souvenir Advertisement Booking	10 th November, 2017
D. Food Expo Stall Booking	10 th November, 2017

Registration Fee

Delegate Category	Till 10 th November 2017		Spot Registration
	AFSTI Member	Non-Member	
Faculty / Scientists / Industry Personal	₹ 3,000/-	₹ 4,000/-	₹ 5,000/-
Student Member**	₹ 1500/-	₹ 2000/-	-
Overseas Participants	US\$ 200	US\$ 300	US\$ 350
Accompanying Person*** National / International	₹ 1500/- / US\$ 100	₹ 2500/- / US\$ 100	₹ 3,000/- / US\$ 125

- *Research Fellows and Project Assistants do not qualify for this registration as student member
- **Students Participants will require to apply with copy of their latest and valid Student Identity Card. There shall not be no spot registration facility for the students.
- ***Accompanying Person will not get registration kit

Sponsorship

Several Sponsorship opportunities are available as given under Sponsorship Tariff for publicizing your Organization

Sponsorship Tariff

Sponsorship Category	Amount (Rs)
Platinum Sponsor	5,00,000/-
Gold Sponsor	4,00,000/-
Silver Sponsor	3,00,000/-
Delegate Kit Sponsor	2,50,000/-
Lunch Sponsor	2,00,000/-
Dinner Sponsor	2,00,000/-
High Tea Sponsor	1,00,000/-
Breakfast Sponsor	75,000/-
Tea Sponsor	50,000/-
Technical Session Sponsor	50,000/-
Cultural Programme Sponsor	50,000/-

Souvenir

Multi colour souvenir will be published containing abstracts of plenary lectures, invited lectures, abstracts of oral and poster presentations, advertisements of food products, equipments, institutes etc., and will be given to each registered delegates.

Souvenir Advertisement Tariff

Souvenir Advt. Tariff	Amount (Rs)
Back Outer Cover (Colour)	50,000/-
Inside Front Cover (Colour)	30,000/-
Inside Back Cover (Colour)	25,000/-
Inside Full Page (Colour)	20,000/-
Inside Half Page (Colour)	12,000/-
Inside Full Page (B & W)	10,000/-



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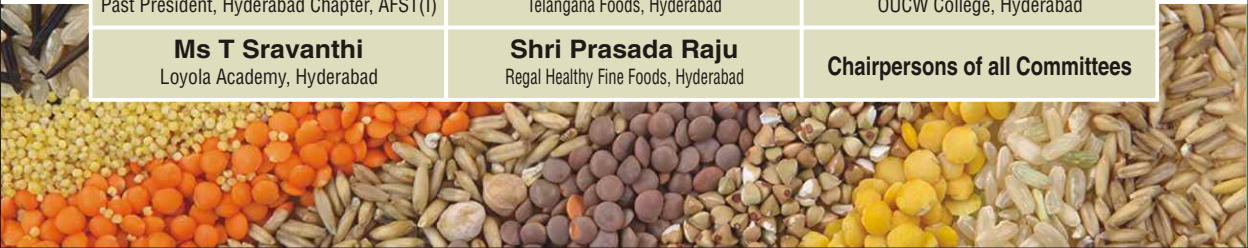
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Tentative Programme

December 7, 2017	Day 1
2.00 PM onwards	Registration
3.30 - 5.00 PM	Inauguration
5.00 - 5.30 PM	High Tea
5.30 - 7.30 PM	Key Note Lectures
7.45 - 9.00 PM	Dinner

December 8, 2017	Day 2
09.15 - 10.45 AM	Technical Session
10.45 - 11.00 AM	Tea
11.00 - 12.30 PM	Technical Session
12.30 - 01.30 PM	Students Session
01.30 - 02.15 PM	Lunch
02.15 - 03.45 PM	Technical Session
03.45 - 04.00 PM	Tea
04.00 - 05.30 PM	Technical Session
05.30 - 06.45 PM	Poster Session
07.00 - 08.30 PM	Cultural Programme
08.30 PM	Dinner

December 9, 2017	Day 3
09.15 - 10.45 PM	Technical Session
10.45 - 11.00 AM	Tea
11.00 - 12.30 PM	Technical Session
12.30 - 01.30 PM	Poster Session
01.30 - 02.15 PM	Lunch
02.15 - 03.30 PM	Panel Discussion
03.30 - 04.15 PM	Valedictory Function
04.15 PM	Tea



Contact:

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