

30th INDIAN CONVENTION OF FOOD SCIENTISTS & TECHNOLOGISTS - ICFoST 2024

Focal Theme: 'FoodSSSS' - Food Safety, Security, Standards and Sustainability

19th – 21st December 2024 @ Mumbai

PROGRAMME SCHEDULE

19th December 2024

11.00 AM - 1.00 PM	REGISTRATION
2.00 PM - 4.30 PM	INAUGURATION
4.40 PM - 6.30 PM	PLENARY TALKS
6.30 PM onwards	CULTURAL EVENING

20th December 2024

	A Safety	B Sustainability	C Security	D Standards	E New Frontiers in Food Science
09.00 - 10.30 AM	Emerging Hazards & Food Safety Testing 1	Circular Economy & Sustainability in Foods 1	Frontiers in Innovation: Pioneering Solutions for Global Food Security	Establishing India as a global leader in FRK manufacturing - FICSI	
	Chair: Ms Anuja Anand, NABL Co Chair: Dr Priti Amritkar Moderator: Dr Kavita Pandey	Chair: Prof Uday Annapure Co Chair: Dr Arun Om Lal Moderator: Dr Yogesh Gat	Chair: Dr Sridevi Annapurna Singh Co Chair: Dr Jyoti Gokhale Moderator: Samiksha Pawar	Chair: Prof H N Mishra Co Chair: Dr Nandini Shetty Moderated by: Pritha Tripathi	Chair: Dr Brijesh Srivastava Co Chair: Dr Anjali Bhoite Moderator:
09.00 - 09.05 AM	Opening Remarks by Chair				
09.05 - 09.25 AM	Ms Priyanka Sen Topic: New Innovations in Food Microbiology Testing	Dr N Bhaskar Director, CSIR-IITR, Lucknow.	Dr Sridevi Annapurna Singh Director, CSIR-CFTRI, Mysuru.	Dr K U Methekar, Jt Director, FSSAI WR Dr Chandrakant Dalbhagat - NIT Rourkela Dr Gulfam Ahmed- IIT-Delhi Dr Panchali Moitra, SNTD	15 mins presentations: Dr Asir Gani, Shoolini University, Solan Dr Neera, DIBT, Mysuru Dr Hilal Ahmed Punoo, University of Kashmir Mrs Shraddha Bhoir, BARC
09.25 - 09.45 AM	Mr Atul Kulkarni Topic: The Hidden Heroes, Analytical Tools behind food quality	Dr C Anandharamakrishnan Topic: The future of Food Industry in a Changing Climate	Dr Ajay W Tumaney Topic: Spice fixed oils, the unexplored storehouse of bioactive compounds		
09.45 - 10.05 AM	Dr Nivedita Patil, Hitachi Topic: Transforming food analysis - unveiling the power of amino acid analyser	Dr Mallikarjun S. Aradhya Topic: Redefining food safety and sustainable measures up against high attrition rate in the food processing sector	Dr DD Wadikar Topic: Smart Proteins for Mitigating Nutritional and Physiological Challenges of Armed forces		

10.05 - 10.25 AM	Ms Anuja Anand, NABL Topic: Accreditation the foundation for Safe & Quality Food	Dr Parmjit S Panesar Topic: BioValorisation of Food Industry by products towards sustainable utilisation	Dr Madhav Joshi Topic: Food Fortification and Value addition through micronutrients in FMCG food products		Mr Sudhanshu Shekhar, IIT Kharagpur
10.25 - 10.30 AM	Concluding Remarks & speakers felicitation				
10.45 - 11.45 AM	Poster Session / Tea break				
11.30 - 1.00 PM	Emerging Hazards & Food Safety Testing 2	Circular Economy & Sustainability in Foods 2	Digital Outreach in Food Science & Technology (Kellanova)	Healthier, Functional Innovations with cereals	New Frontiers in Food Science
	Chair: Mr Vivek Kumar Singh, MoFPI Co Chair: Vinay Tyagi, NABL Moderator: Dr Kavita Pandey	Chair: Dr C Anandaramkrishnan Co Chair: Dr Rajesh Matche Moderator: Dr Yogesh Gat	Chair: Dr N Bhaskar Co Chair: Ritesh Mathur Moderator: Ms Samiksha Pawar	Chair: Dr Prabhshankar P Co Chair: Dr Shalini Arya Moderator: Ms Khusbhu Shah	Chair: Dr Nambudri Co Chair: Dr Anil Kumar Chauhan Moderator:
11.30 - 11.35 AM	Opening Remarks by Chair				
11.35 - 11.55 AM	Mr Niranjan Kothandaraman Topic: Analytical advances in Beverage Testing	Dr Nitya Sharma, WRI Topic: Food Waste Management, Byproduct Utilisation, and value additon in a circular economy	Ms Shenaz , Sr. Account Director - Adfactors PR	Dr Prabhshankar Topic: Future Trends in Baking	15 mins presentations:
11.55 AM - 12.15 PM	Dr Purushottam Sutar Topic: Hitech Testing Solutions for Food Applications	Dr Pankaj Pathare Topic: Postharvest handling approaches for fresh produce: A Pathway to Food Security and Sustainability	Moderator - Swarn Singh , Director R&D - Kellanova South Asia Panelists : 1) Dr Jagmeet Madan - IDA National President 2) Ms Vaidehi Kalzunkar - FSSAI Deputy Director (Tech) 3) Dr Ashutosh Upadhyay , Professor, NIFTEM 4) Ms Sonam Pradhan - Head Digital Marketing -Kellanova South ASIA 5) Mr Pavan R Chawla -Founder- MediaBrief.com	Mr Sanjay Dave Topic: International Adoption of Standards for improved trade	Dr Veda Krishnan, ICAR-IARI Dr G Srisowmeya Dr Dev Kumar Yadav, DIBT
12.15 - 12.35 PM	Dr Akshay Charegaonkar Topic: Analytical developments in testing of Ayush products	Prof Suzana C S Lannes Topic: The upcycling concept in agriculture and processing industry to develop nutritional food formulations		Mr Sachin Saxena Topic: Making healthier formulation using Oats.	Dr Sabeera Muzzaffar, University of Kashmir
12.35 - 12.55 PM	Mr Vivek Kumar Singh Topic: 100 New Food Testing Labs in Next 2 years	Mr Dheeraj Talreja Topic:		Mr Ajay Goyal Shivaji Roller Flour Mills and WPSS	Mr Sumit Ragho Gawai, Vignan, Vadlamudi
12.55 - 1.00 PM	Concluding Remarks & speakers felicitation				
1.00 - 2.00 PM	Lunch				
2.00 - 3.30 PM	Emerging Hazards & Food Safety Testing 3	Circular Economy & Sustainability in Foods 3	Hydration in Food Systems : A key to Nutritional Security	Science of Proteins (Food Future Foundation)	New Frontiers
	Chair: Dr Rekha Singhal Co Chair: Dr P S Negi Moderator:	Chair: Dr OP Chauhan Co Chair: Dr Chidananda DV Moderator: Dr Sachin Adsare	Chair: Dr PV Suresh Co Chair: Dr Asha Martin Moderator: Dr Gaurav Agnihotri	Chair: Mr Pawan Agarwal. IAS Co Chair: Ms Subhaprada Nisthala Modetator:	Chair: Dr Geevarghese Co Chair: Dr Bettadaiah Moderator:
2.00 - 2.05 PM	Opening Remarks by Chair				
2.05 - 2.25 PM	Mr Sunil Kumar T Topic: Monitoring MOSH-MOAH in food and food contact materials	Dr Vinod Kumar Topic: Microalgae: The Superfood of Tomorrow for Health, Sustainability, and Food Security	Mr Vikas Talwar Topic: Hydration in Food Systems: A Key to Nutritional Security	Dr Miro Smriga, Topic: The transoformative power of Amino Acid Sciences in Health, Nutrition and Beyond	15 mins presentations:

2.25 - 2.45 PM	Dr Mukesh Sonawane Topic: Food Safety and importance of innovative technologies	Dr Suresh Chander Sharma Topic: Biopreservation of foods using yeast as safer alternative to chemicals	Ms Naaznin Hussain Topic: Hydration and Its Importance Across Terrains	Panel Discussion: Prof Smita Lele, Emeritus ICT Mumbai Dr Prabodh Halde, Marico Dr Gauri Murthy Mr Prakash Chawla, Samyog Foods		Dr Latha BV, JSS, Mysuru Ms K Sandhya, NIFTEM -T Mr Aman Bhargava, DYPU Mr Raj Kumar Singh, CSIR-NIIST Dr Anurag Singh, HBTU Kanpur
2.45 - 3.05 PM	Dr Umesh Talekar Topic: State-of-the-art analytical instrument techniques for ensuring food quality & safety	Dr Johnsy George Mysuru. Topic: Sustainable Food packaging materials	Dr Sandeep Kumar Sharma Topic: Wellsens©: Food safety & sustainable sensing solutions			
3.05 - 3.25 PM	Dr Sanath Topic: New age Biological food safety challenges in Fish & fishery products	Dr Prakash M Halami Topic: Gerobiotic potential of probiotic bacteria	Dr Dashrath R Basannar Topic: Response surface methodology (RSM) and its application in food processing operations : an overview			
3.25 - 3.45 PM	Concluding Remarks & speakers felicitation					
3.45 - 4.45 PM	Poster Session / Tea break					
4.30 - 6.00 PM	Emerging Hazards & Food Safety Testing 4	Circular Economy & Sustainability in Foods 4	Designer Foods : Future of Food Security	Traditional Foods : FoodSSSS	New Frontiers in Food Science	
	Chair: Rini Narayan, NABL Co Chair: Dr Mohan Dhale Moderator:	Chair: Dr S B K Warriar Co Chair: Dr Abdul Rasheed Moderator: Dr Sachin Adsare	Chair: Dr Prakash Halami Co Chair: Dr Arpita Gupte Moderator: Dr Gaurav Agnihotri	Chair: Dr Vilas Sirhatti Co Chair: Dr Kondekar Moderator:	Chair: Dr SVN Vijayendra Co Chair: Dr R Mahendran Moderator:	
4.30 - 4.35 PM	Opening Remarks by Chair					
4.35 - 4.55 PM	Mr Mitul Goradia Topic: Non-intentionally added substances (NIAS) in food contact materials - food contact article	Prof K P Sudheer Topic: Fostering entrepreneurship through Innovative Engineering in Food Processing	Dr Om Prakash Chauhan Topic: Advance onsite nutrients and water generation technologies for military and space missions	Prof Jamuna Prakash Topic: The ubiquitous curries in Indian dietaries: A sensory and nutritional appraisal	15 mins presentations:	
4.55 - 5.15 PM	Mr Sanjay Patil Topic: Instruments for quality assurance and control of edible oils & fats	Dr Smriti Priya Topic: Multiplex DNA probe-based methods for meat authenticity testing: From methods to technology	Prof Adil Gani Topic: Designing of future functional foods - way forward	Dr Mahesh Gupta Topic: Traditional foods of Western Himalayan region: current and future prospects	Dr Janifer Raj Xavier, DRDO-DIBT Ms Harapriya Sahoo, CSIR-CFTRI	
5.15 - 5.35 PM	Mr Mangesh Pawar Topic: Microplastics in Food, The new challenge to food safety	Dr Jayant Bandekar Topic: Emerging pathogens and food safety	Dr Idrees Ahmed Wani Topic: Harnessing the Power of Pulses and Legumes: Nutritional Backbone for Vegan Diets	Dr Vibha Hasija Topic: Traditional Foods and its relevance in Modern times	Ms Udangshree Borah, IIT Guwahati Dr R S Thakur, BHU Mr Shalom Benny, NIT, Rourkela	
5.35 - 5.55 PM	Dr V R Sinija Topic: Process intensification techniques for food industry waste as a potential for cellulose derivatives	Dr S Gautam Topic: Radiation Technology: A greener approach to Ensure Food Security, Safety, and Sustainability	Prof Jyotsna Waghmare Topic: Kenaf seedoil, potential source to global food and feed industries	Dr Pratima N. Shastri Topic: Sustainable Technology for Traditional food business.		
5.55 - 6.00 PM	Concluding Remarks & speakers felicitation					
21st December 2024						
	A	B	C	D	E	
	Safety	Sustainability	Security	Standards		

09.00 - 10.30 AM	Emerging Hazards & Food Safety Testing 5	Circular Economy & Sustainability in Foods 5	Innovations in Driving Food Security	INSA Session	
	Chair: Prof Debjani Dasgupta Co Chair: Mr Manish Singh Moderator:	Chair: Dr Marar Co Chair: Prof Girish KS Moderator:	Chair: Prof Kemparaju K Co Chair: Dr K V Harish Prashanth Moderator:	Chair: Dr K D Yadav Co Chair: Dr Tanaji Kudre Moderator: Ms Khusbhu Shah	Chair: Dr Laxmikant Badwaik Co Chair: Dr Yogesh Gat Moderator:
09.00 - 09.05 AM	Opening Remarks by Chair				
09.05 - 09.25 AM	Ms Mercy Mmari Topic: Food Safety in Africa, from indigenous practices to advanced technologies	Dr N Venkatachalpathy Topic: Innovative valorization of agro-waste	Dr Shivaraj Nile Topic: Ultrasound assisted extraction & encapsulation of prickly pear betains for functional gummies, a sustainable approach to type 2 diabetes	Prof V Palanimuthu Topic: Food processing sector in India: Trends and the future	15 mins presentations: Jyothibai P, CSIR-CFTRI Ms Heeba S, NIIST Ms Veerabhuvaneshwari, Kumaraguru College, Coimbatore Ms Farhat Ansari, BARC Mrs Neelu Suresh Babu, CSIR-CFTRI
09.25 - 09.45 AM	Prof Anil Kumar Chauhan Topic: To Provide Safe, Nutritious, and Wholesome Food to the Human well-being and Hunger free India	Dr Y N Sreerama CSIR-CFTRI, Mysuru	Dr J B Prajapati Topic: Functional Dairy Foods for health and Nutritional Security	Dr R Kumar Topic: Novel Food Technologies for Enhancing Food Safety, Security, and Sustainability in Space Missions	
09.45 - 10.05 AM	Dr Prathasarathi R Topic: Traditional Foods and its relevance in Modern times	Dr Dinesh A. Nagegowda Topic: Sustainable flavoring solutions, production of high value plant derived sesquiterpenes via synthetic biology	Dr Brijesh Shrivastava Topic: Advances in cold plasma assisted food processing	Dr Hosahalli S Ramaswamy Topic: Pulsed Light Destruction Kinetics of Escherichia coli in Water	
10.05 - 10.25 AM	Dr Raghavendra SN Topic: Advances in Food Preservation for enhanced safety & sustainability	Dr S Shanmugasundaram Topic: Biosensors - An innovative approach in food quality evaluation	Dr Ashok Sangappa Alur VC, Kodagu University.	Dr Rekha Singhal ICT, Mumbai	
10.25 - 10.30 AM	Concluding Remarks & speakers felicitation				
10.45 - 11.45 AM	Poster Session / Tea break				
10.30 - 1.00 PM	Shri M M Chitale Memorial Start-up Convention		Advances in Food Science		
10.30 – 10.45 AM		Chair: Dr Prabodh Halde Co Chair: Dr Ashutosh Inamdar	11.00 - 12.30 PM	Chair: Prof Radhai Sri Co Chair: Dr K V Sunooj Moderator:	
	Inaugural Session:	Subhprada Nishtala, VP AFSTI	11.00 - 11.05 PM	Opening Remarks by Chair	
	Welcome Address	Dr Prabodh Halde, Past President AFST(I)	11.05 - 11.25 PM	Prof K Kemparaju Topic: The food grade antioxidant melatonin inhibits venom-induced methemoglobinemia	
	Context Setting	Dr Nilesh Amritkar, President, AFST(I)	11.25 - 11.45 PM	Dr K V Harish Prashanth Topic: Bilobalide microemulsions for future food formulation towards Alzheimer's disease management	

	Inaugural Address	Dr Naveen Shivanna, Hon Secretary, AFST(I)	11.45 - 12.05 PM	Prof Girish KS Topic: Quercetin, a Dietary Redox Modulator Inhibits Platelet Activation and ER-stress Mediated Autophagy in Response to Extracellular Histone	
10.45 – 11.15 AM	Plenary Talks on:		12.05 - 12.25 PM	Dr Nitin Kumar Shinghal Topic: Rapid Detection and Ablation of Foodborne Pathogens Using Aptamer-Conjugated Nanoparticles: A New Approach to Combat Foodborne Illnesses	
	1. Building Your Brand Strategy	Ms Vaishali Menon, CEO, Golden Grass	12.25 - 12.45 PM	Dr Rajni Chopra Topic: Oil Powder: An alternative for enhancing stability and bioavailability of PUFA rich Oils.	
	2. What Investors Seek: Key Ingredients for a Winning Food Business Pitch	Dr Nilesh Lele, President, CASMB and Past President AFST(I) Mumbai	12:45 - 13:05	Prof Sajad Mohd Wani Topic: Advancement in nanoemulsions for food applications.	
11.15 AM – 12.15 PM	Fireside Chats on Decoding Success: Lessons from Thriving Startups	<ul style="list-style-type: none"> • Mr Raghav Gupta, MD – Aussee Oat Sri Lanka • Mr Sahil Kukreja, MD – Pepper Health Pvt Ltd • Mr Akash Zaveri, Founder – Plix Olena • Mr Satish Negi, Founder - Cravova • Ms Richa Pendke, Founder - Nutrizoe 			
	Moderated by : Mr Ritesh Mathur, Founder F2F Food and Beverage Consultants, VP AFST(I) Mumbai				
12.15 – 12.45 PM	From Campus to Market: Inspiring Success Stories of Food Start-up Incubations	<ol style="list-style-type: none"> 1. Mr Kamalnayan Tibrewal, BioKraft, ICT NICE 2. Mr Debrabrat Das 			
12.45 – 1.00 PM	"Pitch Perfect: Mastering Investor Presentations for Student Start-ups"	Jury Panel:			
	Shark Tank style pitch to investors by 5 finalists shortlisted from online applications	<ol style="list-style-type: none"> 1. Dr Geevarghese, VP, AFSTI 2. Dr Mahendran, NIFTEM, Thanjavur 3. Representative of NSI, Mumbai 4. Dr Sneha Karadbhajne, President, AFST Nagpur 			

1.00 PM	Concluding Remarks	Co-Chair: Dr Ashutosh Inamdar, Head, Technology Transfer, CFTRI			
1.00 PM onwards lunch followed by the VALEDICTORY FUNCTION					