



# FATS & OILS INTERNATIONAL CONFERENCE - EXHIBITION

Organised By



The Oil Technologists'  
Association Of India  
Western Zone

Event Partner



**TECHNOLOGICAL INNOVATIONS, EFFICIENCY &  
VALUE ADDITION FOLLOWING  
PRINCIPLES OF GREEN CHEMISTRY!!**

**DATE : 6 - 8 MARCH, 2025 | VENUE : JW MARRIOTT SAHAR, MUMBAI**

# WELCOME TO FOIC 2025

## TECHNICAL SESSIONS



CONFERENCE SECRETERAIT:

OTAI WZ - FOIC 2025, C/o Department of Oils,  
Oleochemicals & Surfactant Technology, Institute of Chemical Technology,  
Nathalal Parekh Marg, Matunga, Mumbai - 400019 India

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## TECHNOLOGICAL INNOVATIONS, EFFICIENCY & VALUE ADDITION FOLLOWING PRINCIPLES OF GREEN CHEMISTRY!!

### 06TH MARCH, 2025

TIME	TOPIC
17:30 - 17:35	Inviting Guests on the Dias
17:35 - 17:40	Welcome by Prof. R D Kulkarni; President, OTAI-WZ
17:40 - 17:45	Lightning of the lamp
17:45 - 17:50	Address by Dr. Rajeev Churi; National President, OTAI
17:50 - 18:00	About the event by Mr. Satish Khadke; Conference Convener, FOIC 2025
18.00 - 18:05	Address by Mr. D. V. Chame; Conference Chairman, FOIC 2025
18:05 - 18:10	Address by Dr. B. R. Gaikwad; Chairman - Steering Committee, FOIC 2025
18:10 - 18:25	Address by Guest of Honour Mr. Nadir Godrej; Chairman & MD Godrej Industries Ltd
18:25 - 18:40	Address by Chief Guest
18:40 - 18:45	Vote of Thanks by Prof. Amit Pratap, Hon. Secretary, OTAI-WZ
19:15 - 21:30	Entertainment Programme
20:30 onwards	Networking Dinner





# TECHNOLOGICAL INNOVATIONS, EFFICIENCY & VALUE ADDITION FOLLOWING PRINCIPLES OF GREEN CHEMISTRY!!

## 07TH MARCH, 2025

TIME	TOPIC	SPEAKER
<b>MODULE 1: KEY-NOTE LECTURES</b>		
09:30 - 10:10	KL-01 Edible Oil Quality: It is (not) all about Contaminants Mitigation and Valuable Minor Components	<b>Dr. Wim De Greyt</b> Desmet, Belgium
10:10 - 10:50	KL-02 Oils and Fats Processing - Process Optimization and Sustainability	<b>Mr. D V Chame</b> DVC Process Technologists, Pune
<b>10:50 - 11:20 REFRESHMENTS</b>		
<b>MODULE 2: TECHNICAL ADVANCEMENTS IN FATS &amp; OIL PROCESSING</b>		
11:20 - 11:45	TA-03 Use of Latest Process Filtration Equipment to Support Sustainability in Fats & Oils industry	<b>Mr. Sandeep Khadke</b> Sharplex Filters (India) Pvt. Ltd., Navi Mumbai
11:45 - 12:10	TA-04 Role of Equipment Design in Enhancing Process and Energy Efficiency	<b>Ms. Aarti Chame</b> DVC Process Technologists, Pune
12:10 - 12:35	TA-05 Innovative Zero Liquid Discharge System for Waste Water Management in Solvent Extraction Plants	<b>Mr. Sameer Kapadia</b> Kumar Metal Industries Pvt. Ltd., Mumbai
12:35 - 12:50	TA-06 Bio Innovations in Oils & Fats processing: Enhancing Yields, Quality and By-Product Value through Enzymes technologies	<b>Mr. Rohit. A. Bangera</b> Novonosis, Bangalore
12:50 - 13:00	Discussion	
<b>13:00 - 14:00 LUNCH</b>		



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## 07TH MARCH, 2025

<b>MODULE 3: FROM RAW MATERIALS TO CONSUMER EXPECTATIONS</b>		
14:00 - 14:25	RC-07 Innovations in Post-Harvest Oilseed Preservation, Storage and Processing	<b>Mr. Jenendra Bohra</b> Ferro Oiltek Pvt. Ltd., Mumbai
14:25 - 14:40	RC-08 Sustainable Mechanical Extraction of Edible Oils through Green Chemistry Principles	<b>Mr. Rabindra Gandhi</b> United Engineering Pvt. Ltd., New Delhi
14:40 - 14:55	RC-09 Role of Instruments in DT Operation – An Energy Saver	<b>Mr. Ashwin Palshikar</b> Sapcon Instruments Pvt. Ltd., Indore
14:55 - 15:10	RC-10 Transformative Approaches to Reducing Carbon Emissions in the Oils & Fats Industry: Pioneering New Distillation Technologies and its internals	<b>Mr. Chetan Sayankar</b> S. Cube Mass Transfer Pvt Ltd., Pune
15:10 - 15:30	Discussion	
<b>15:30 - 16:00 REFRESHMENTS</b>		
<b>MODULE 4: OILS &amp; FATS FOR NUTRITION AND HEALTH</b>		
16:00 - 16:15	ONH-11 Structured Lipid for Food and Pharmaceutical Applications	<b>Prof. Jyotsna Waghmare</b> Institute of Chemical Technology, Mumbai
16:15 - 16:30	ONH-12 Importance of Nutritional and Health Standards for the Quality and Safety of Edible Oils & Fats	<b>Dr. R B N Prasad</b> CSIR-Indian Institute of Chemical Technology, Hyderabad
<b>MODULE 5: PANEL DISCUSSION</b>		
16:30 - 17:30	<u>Oils &amp; Fats Industry Issues :</u> - Refined Cooking Oils - Healthy Oil Mantras - Myths and Facts - Secrets of Enzymes - Process optimization in de-gumming & neutralization operations? - DDGS - Rising Challenge, Squeezing Margin in the Oilseed Industry	
<b>17:30 - 19:30 NETWORKING AND VISIT TO EXHIBITION STALLS</b>		
<b>19:30 onwards CULTURAL PROGRAM AND DINNER</b>		



# TECHNOLOGICAL INNOVATIONS, EFFICIENCY & VALUE ADDITION FOLLOWING PRINCIPLES OF GREEN CHEMISTRY!!

## 08TH MARCH, 2025

TIME	TOPIC	SPEAKER
<b>MODULE 6: KEY NOTE LECTURES</b>		
09:30 - 10:10	KL-13 Edible oil Processing: Increased Concern of the Environment Driving Innovation towards More Sustainable Technological Solutions while Improving Oil Quality and Food Safety	<b>Dr. Marc Kellens</b> Desmet, Belgium
10:10 - 10:50	KL -14 Dry Fractionation, a Cutting-edge Technology for Green Chemistry	<b>Dr. Véronique Gibon</b> Artemis Lipids by VG – Namur, Belgium
<b>10:50 - 11:20</b>	<b>REFRESHMENTS</b>	
<b>MODULE 7: FATS &amp; OIL PROCESSING FOR VALUE ADDITION</b>		
11:20 - 11:35	FV-15 Processing of Cocoa Butter Equivalent by Dry or Acetone Fractionation of Sal and Shea Butter with Its Techno- economical Feasibility	<b>Dr. Kingsuk Kumar Mondal</b> Mumbai
11:35 - 12:00	FV-16 How to Add Value to Palm and Palm Kernel Oil Refinery By- Products	<b>Mr. Andrea Bernardini</b> Technoilogy India Oils & Fats Pvt. Ltd., Bangalore
12:00 - 12:25	FV-17 Boost in Profit by TocoBoost®. – Value Addition Techniques in Vegetable Oil Refining	<b>Mr. Alexey Shevchenko</b> Alfa Laval, Denmark
12:25 - 12:50	FV-18 Sustainable Process for the Production of Bio Propylene Glycol from Primary Oleochemical Glycerine	<b>Dr. Armin Brandner</b> Air Liquide Global E&C Solutions Germany GmbH, Frankfurt, Germany
12:50 - 13:00	Discussion	
<b>13:00 - 14.00</b>	<b>LUNCH</b>	



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## 08TH MARCH, 2025

### MODULE 8: ENERGY EFFICIENCY & SUSTAINABILITY

14:00 - 14:25	EN-19 Towards Sustainable Palm Oil Production: Integrated D3PRO-Pomevap Solution for Minimizing Palm Oil Mill Effluent, Resource Recovery and GHG Reduction	<b>Mr. Boon Kheng Hong</b> , Alfa Laval, Malaysia and <b>Mr. Amol Hukkerikar</b> , Alfa Laval, Denmark
14:25 - 14:50	EN -20 Advanced Centrifuge Separation for Optimised Production & By-product Recovery	<b>Mr. Filippo Ferrari</b> Servizi Industries S.R.L, Italy
14:50 - 15:05	EN -21 Energy-saving Opportunities in Edible Oil Plants	<b>Mr. Smital Shah</b> Forbes Marshall Pvt Ltd, Pune
15:05 - 15:20	EN -22 Energy Efficiency & Process Optimization using VFD	<b>Mr. Rohitkumar Tamta</b> ABB India Ltd., Mumbai
15:20 - 15:35	EN -23 High Energy efficient LV Motors for sustainable energy efficiency in Edible Oil Production	<b>Mr. Vinay Mittal</b> Siemens Limited, Thane
15:35 - 15:45	Discussion	

### MODULE 9: CONTAMINANTS AND EFFLUENTS

15:45 - 16:05	CE-24 A Novel Process Technology to Address the Contaminant Challenges in Feedstock Processing	<b>Mr. Sashikant Madgula</b> Sulzer Chemtech, Houston, U.S.A
16:05 - 16:20	CE -25 Latest Development in ZLD Technology Effluent in the Edible Oil Industry	<b>Mr. Pushkaraj Neswankar</b> Wipro Water, Wipro Enterprises Pvt Ltd., Navi Mumbai
16:20 - 16:30	Discussion	

**16:30 - 17:30**

**VALEDICTORY FUNCTION**

**17:30 onwards**

**REFRESHMENTS – END OF CONFERENCE**



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