

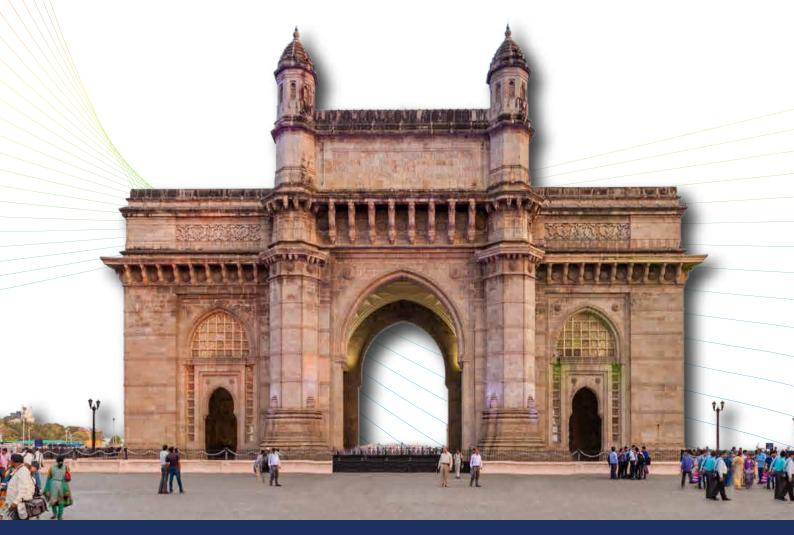
#### FATS & OILS INTERNATIONAL CONFERENCE - EXHIBITION



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

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

# WELCOME TO FOIC 2025



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

Website: www.foic.org.in Email: info@foic.org.in



#### INVITATION

#### **GREETINGS FROM THE FOIC 2025 ORGANISING COMMITTEE.**

#### Dear Members, Partners, and Esteemed Guests,

The Oil Technologists Association of India (OTAI) – Western Zone has organized technological conferences and seminars for decades, consistently aiding research scholars, technology providers, and industry professionals in enhancing their skills.

To better serve the Fats & Oils Industry, OTAI – WZ launched the "FATS & OILS INTERNATIONAL CONFERENCE – EXHIBITION (FOIC)" in 2019, with events planned every two years. FOIC 2019 was a success, although FOIC 2021 was canceled due to the COVID-19 pandemic. OTAI – WZ returned with FOIC 2023, which exceeded expectations.

FOIC always selects themes relevant to the industry's global context, making it a significant and beneficial event for participants worldwide.

The upcoming FOIC 2025, scheduled for 6th – 8th March 2025 at JW Marriott, Sahar, Mumbai, will focus on "Technological Innovations, Efficiency & Value Addition Following Principles of Green Chemistry."

This theme emphasizes value addition in Fats & amp; Oils processing, from seed to oil, protein, and byproducts. Given the industry's thin margins, it's essential to maximize value from all products, whether for human or animal consumption, oleo-chemicals, or biodiesel feedstock. Energy efficiency is also crucial, as it improves process economics and supports environmental sustainability.

Emerging biotech techniques, such as enzyme usage, are set to revolutionize oil processing and byproduct production. Food safety is another key focus, particularly minimizing undesirable products during processing and the role of packaging materials.

The event will also highlight the latest analytical instruments for quality control and the importance of process automation through PLC/DCS systems for precise control.

FOIC 2025 will be an invaluable event, providing a platform for global industry leaders to discuss and interact through presentations and deliberations.

Warm regards, Prof. R. D. Kulkarni President, OTAI-WZ Hon. Vice Chancellor, University of Mumbai, Mumbai

**Prof. Amit P. Pratap** Hon. Secretary, OTAI-WZ Head, Dept. Oils, Oleochemicals and Surfactants Technology, Institute of Chemical Technology, Mumbai Mr. D. V. Chame Conference Chairman CMD, DVC Process Technologists, Pune

Mr. Satish Khadke Conference Convener Director, Sharplex Filters (India) Pvt. Ltd.



### **ABOUT OTAI**

#### OIL TECHNOLOGISTS' ASSOCIATION OF INDIA EIGHT DECADES OF JOURNEY WITH PASSION

Founded in 1943 and registered in 1945 under the Societies Registration Act, the Oil

Technologists' Association of India (OTAI) is headquartered at HBTI, Kanpur, with five zones - Central, Eastern, Northern, Southern, and Western—having zonal offices in Kanpur, Kolkata, Delhi, Hyderabad, and Mumbai to coordinate national and international activities.

OTAI is a collective of Technologists, Academia, Researchers, Scientists, Analytical service providers, Industrialists, Plant and Technology suppliers, Policy makers, and students. Since its inception, OTAI has been dedicated to the dissemination of technical knowledge, knowhow, and the latest in products, processes, and technology through symposia, workshops, refresher courses, lectures, short courses, industrial trainings, and exhibitions. OTAI also actively educates and guides consumers to safeguard their interests.

The Association publishes the quarterly "Journal of Lipid Science and Technology (JLST)," a scientific journal of international repute for almost seven decades. OTAI is recognized by the Department of Science and Technology, Govt. of India, as a scientific and research organization promoting R&D in Oils, Fats, and Allied Products.

OTAI is a member of key Government Committees that set standards and policies in its field and is represented on national committees like the Development Council for Soaps and Detergents, Bureau of India Standards, and Food Safety and Standards Authority of India. OTAI collaborates with national and international organizations such as CSIR, ICAR, IVPA, SEA in India, and AOCS, JOCS, PORIM, MPOC globally, actively participating in their activities and promoting their events.

Outstanding contributions by member scientists and technologists are recognized annually during the OTAI Annual Convention with prestigious awards.

The Western Zone of OTAI, the largest and most active, has pioneered several national and international events, notably the International Soaps and Detergent Conferences (ISDC) and Fats and Oils International Conference (FOIC). Launched in 2019, FOIC has become a successful platform for showcasing innovations in vegetable oil processing and allied products, evolving into a business conference.

OTAI extends its best wishes for the success of FOIC 2025, organized by the Western Zone.

Dr. Rajeev Churi National President, OTAI



#### **ESTEEMED SPEAKERS**

# Dr. ir. Marc Kellens \*\*\*

Global Technical and R&D Director, Desmet

Edible oil Processing: Increased Concern of the Environment Driving Innovation towards More Sustainable Technological Solutions while Improving Oil Quality and Food Safety





## Mr. D. V. Chame ★★★

CEO & Promoter - DVC Process Technologists

Oils and Fats Processing - Process Optimization and Sustainability

## Dr. Véronique Gibon ★ ★ 🖈

Artemis Lipids by VG - Belgium

Dry Fractionation, a Cutting-edge Technology for Green Chemistry



★ ★ ★ \*KEYNOTE SPEAKERS



#### **ESTEEMED SPEAKERS**

## Dr. Wim De Greyt \*\*\*

Director R & D - Desmet Belgium

Edible Oil Quality: It is (not) all about Contaminants Mitigation and Valuable Minor Components



#### Mr. Hong, Boon Kheng

Regional Business Manager - BU CPO, Alfa Laval Malaysia and Amol Hukkerikar Alfa Laval Copenhagen Søborg, Denmark.

Towards Sustainable Palm Oil Production: Integrated D3PRO-Pomevap Solution for Minimizing Palm Oil Mill Effluent, Resource Recovery and GHG Reduction

## Prof. (Dr.) Ravindra D. Kulkarni

Vice Chancellor, University of Mumbai

To Be Announced







### **ESTEEMED SPEAKERS**

## **Mr. Alexey Shevchenko**

Manager Global Technology Oils and Fats Systems, Alfa Laval Denmark

Boost in Profit with TocoBoost® Value Addition Techniques in Vegetable Oil Refining





## Mr. Andrea Bernardini

Commercial Director, Technoilogy s.r.L., Italy

How to Add Value to Palm and Palm Kernel Oil Refinery By-Products

#### Dr. R. B. N. Prasad

Former Chief Scientist & Head - Centre for Lipid Research CSIR Indian Institute of Chemical Technology, Hyderabad

Importance of Nutritional and Health Standards for the Quality and Safety of Edible Oils & Fats





#### **ESTEEMED SPEAKERS**

Mr. Sandeep Khadke Director - Sharplex Filters (India) Pvt. Ltd., Navi Mumbai

Use of Latest Process Filtration Equipment to Support Sustainability in Fats & Oils industry





#### Mr. Jenendra Bohra Executive Director - Ferro Oiltek Pvt. Ltd., Ambernath

Innovations in Post-Harvest Oilseed Preservation, Storage and Processing

# Ms. Aarti Chame

Head - Design Engg. And Supply, DVC Process Technologist, Pune

Role of Equipment Design in Enhancing Process and Energy Efficiency





### ESTEEMED SPEAKERS

## **Dr. Kingsuk Kumar Mondal**

Technical Consultant in Specialty Fats & Product Development

Processing of Cocoa Butter Equivalent by Dry or Acetone Fractionation of Sal and Shea Butter with Its Techno-economical Feasibility



#### Mr. Sashikant Madgula

Business Segment Leader, Clean Fuels & Chemical Licensing Group Sulzer Chemtech, Houston, USA

A Novel Process Technology Alternative to Address the Contaminant Challenge for Pretreating feedstock for Renewable Diesel production

# Mr. Chetan Sayankar

Managing Director/ CEO – S-Cube Mass Transfer Pvt Ltd

Transformative Approaches to Reduce Carbon Emissions in the Oils & Fats Industry





#### **ESTEEMED SPEAKERS**

## Mr. Rohit Bangera

Technical Sales Manager Novonesis, Bangalore

BioInnovations in Oils & Fats Processing: Enhancing Yields, Quality and By-Product value through Enzyme Technologies



#### Prof. Jyotsna Waghmare

Head, Department of Oils, Oleochemicals, and Surfactants Technology Institute of Chemical Technology, Mumbai

Structured Lipids for Food and Pharmaceutical Applications

#### Mr. Sameer Kapadia General Manager (Sales & Marketing) Kumar Metal Industries, Mumbai

Innovative Zero Liquid Discharge System for Waste Water Management in Solvent Extraction Plants





### **ESTEEMED SPEAKERS**

# Mr. Rabindra Gandhi

Managing Director United Engineering Pvt. Ltd, New Delhi

Sustainable Mechanical Extraction of Edible Oils through Green Chemistry Principles



#### **Dr.-Ing. Armin Brandner**

Product Director for Green Chemicals & amp; Fuels Product Line Air Liquide Global E&C Solutions Germany GmbH, Germany

Sustainable Process for the Production of Bio Propylene Glycol from Primary Oleochemical Glycerin

## Mr. Pushkaraj Neswankar

Head – Urban & Exports Wipro Water (Division of Wipro Enterprises Pvt Ltd)

Efficient Treatment of Raw Water and Effluent in the Edible Oil Industry





#### **ESTEEMED SPEAKERS**

# Mr. Filippo Ferrari

Sales Director, Servizi Industriali S.r.l.

Advanced Centrifugal Separation for Optimized Production and By- Product Recovery in Fats & Oils Industry





# Mr. Rohit Tamta

Marketing Manager, Industry Segment

Energy Efficiency & Process Optimisation using VFD

#### **Mr. Vinay Mittal**

Product Portfolio Manager – High Energy Efficient LV Motors Siemens Limited, Thane

High Energy efficient LV Motors for sustainable energy efficiency in Edible Oil Production





### **ESTEEMED SPEAKERS**

# Mr. Ashwin Palshikar

Director, Sapcon Instruments Pvt. Ltd., Indore

Role of Instruments in Deoiled Toaster Operation – An Energy Saver





#### Mr. Smital Shah Team Lead, Forbes Marshall, Pune

Energy-saving Opportunities in Edible Oil Plants



TIME	ΤΟΡΙϹ
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





TIME	TOPIC	SPEAKER
	MODULE 1: KEY-NOTE LECTU	JRES
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 - Proce <mark>ss Optimi</mark> zation and Sustainability	<b>Mr. D V Chame</b> DVC Process Technologists, Pune
10:50 - 11:20	REFRESHM	IENTS
	MODULE 2: TECHNICAL ADVANCEMENTS IN F	
11:20 - 11:45	TA-03 Use of Latest Process Filtration Equipment to Support Sustainability in Fats & Oils industry	<b>Mr. Sandeep Khadke</b> <mark>Sha</mark> rplex Filters (India) Pvt. Ltd., <mark>Navi M</mark> umbai
11:45 - 12:10	TA-04 Role of Equipment Design in Enhancing Process and Energy Efficiency	Ms. Aarti Chame 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. Bange</b> ra Novonesis, Bangalore
12:50 - 13:00	Dis <mark>cussi</mark> on	
13:00 - 14:00	LUNCH	



	MODULE 3: FROM RAW MATERIALS TO CONS	UMER EXPECTATIONS
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	
15:30 - 16:00	REFRESHMENTS	
	MODULE 4: OILS & FATS FOR NUTRITIC	
	ONH-11	
16:00 - 16:15	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
	MODULE 5: PANEL DISCUS	SSION
16:30 - 17:30	Oils & Fats Industry Issues : - 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	
17:30 - 19:30	NETWORKING AND VISIT TO E	XHIBITION STALLS
19:30 onwards	CULTURAL PROGRAM ANI	DINNER



TIME	ТОРІС	SPEAKER
	MODULE 6: KEY NOTE LECT	URES
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
10:50 - 11:20	REFRESHN	IENTS
	MODULE 7: FATS & OIL PROCESSING FOR	R VALUE ADDITION
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	
13:00 - 14.00	LUNC	H



### **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. Filipo 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	Mr. Vinay Mittal 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 Proc <mark>ess</mark> ing	<b>Mr. Sashikant Madgula</b> Sulzer Chemtech, Houston, U.S.A
16:05 - 16:20	CE - <mark>2</mark> 5 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** 



### **REGISTRATION FEES**

#### NATIONAL REGISTRATION FEE (Excluding GST)

CATEGORY	<b>2<sup>nd</sup> SLAB</b> 01-01-2025 to 15-02-2025	CURRENT SLAB/ SPOT REGISTRATION 16-02-2025 onwards
OTAI Member (Non-Residential)	₹14,400	₹16,000
Non OTAI Member (Non-Residential)	₹17,100	₹19,000
Student OTAI Member (Non-Residential)	₹7,200	₹8,000
OTAI Member Residential (Single Occupancy)	₹40,400	₹42,000
Non Member Residential (Single Occupancy)	₹43,100	₹45,000
OTAI Member Residential (Twin Sharing)	₹28,400	₹30,000
Non Member Residential (Twin Sharing)	₹31,100	₹33,000

#### INTERNATIONAL REGISTRATION FEE

CATEGORY	<b>2<sup>nd</sup> SLAB</b> 01-01-2025 to 15-02-2025	CURRENT SLAB/ SPOT REGISTRATION 16-02-2025 onwards
OTAI Member (Non-Residential)	\$ 200	\$ 225
Non OTAI Member (Non-Residential)	\$ 225	\$ 250
Student OTAI Member (Non-Residential)	\$ 90	\$ 100
OTAI Member Residential (Single Occupancy)	\$ 525	\$ 550
Non Member Residential (Single Occupancy)	\$ 550	\$ 600
OTAI Member Residential (Twin Sharing)	\$ 375	\$ 400
Non Member Residential (Twin Sharing)	\$ 400	\$ 425



## **OUR PARTNERS**





#### FATS & OILS INTERNATIONAL CONFERENCE - EXHIBITION



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

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

SCAN THE QR CODE TO REGISTER NOW!



MARRIOTT

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Conference Managed by **medivision**