



ICVO 2023



Co-Organizers



Ministry of Agriculture & Farmers Welfare  
Government of India



Sponsors & Collaborators



# International Conference on Vegetable Oils 2023 (ICVO 2023)

Research, Trade, Value Chain and Policy

Jointly Organized by

Indian Council of Agricultural Research (ICAR)

Indian Society of Oilseeds Research (ISOR)

ICAR-Indian Institute of Oilseeds Research (IIOR)

January 17-21, 2023

Hyderabad, Telangana State, India



Globally four crops viz., oil palm, soybean, rapeseed and sunflower account for majority of the edible oils produced and consumed. Of late, there has been a perceptible crisis in production and supply of these oils. Palm oil accounts for ~40% of the supply of the four top most popular edible oils in the world, the other being soybean oil, rapeseed (canola) oil and sunflower oil. Global palm oil production slumped in 2020-21 due to migrant labour issues on plantations across Southeast Asia. Argentina, the top soy oil exporter is expected to transport lower volumes this year due to poor soybean growing season. Drought slashed Canada's harvest of canola in 2021 and Europe also suffered crop damage, which reduced oil supplies during 2022. The unrest in Ukraine, resulted in slumping of shipments and this year's production is expected to be disrupted since Russia and Ukraine account for 76% of the world exports. Vegetable oil shortage is a major concern for India as well. The domestic oilseeds production is not meeting the pace of increase in domestic demand for household and industrial needs. The *per capita* consumption of vegetable oils is rising continuously surpassing 18.7 kg/year in 2020-21. During the last two decades, edible oil consumption has increased at a compounded annual growth rate of 4.3% and is expected to continue. Besides, demand projections on the trend of expenditure and price of food items suggest that the demand for edible oil in the country will be 29.02 and 40.89 million tonnes for 2025 and 2050, respectively. Under this challenging situation, there is a necessity to build convergence and co-operation among all the national and international stakeholders and agencies involved in production, procurement, aggregation, processing, and marketing of vegetable oils to develop a strategic roadmap to address all the issues plaguing vegetable oil economy.

In this backdrop, Indian Council of Agricultural Research, ICAR-Indian Institute of Oilseeds Research (IIOR), and Indian Society of Oilseeds Research (ISOR) in collaboration with ICRISAT, other sister ICAR institutes and the societies engaged with vegetable oil research are jointly organizing the **International Conference on Vegetable Oils (ICVO) 2023** during **January 17-21, 2023 at Hyderabad, India**. The conference is envisaged to be a convergent point for priority persuasion and provide a platform to deliberate on research strategies, infrastructure developmental needs, trade and value chain ecosystems, and policy perspective to promote increased vegetable oil production on short-, medium- and long-term basis at global as well as national levels. Several invited talks, plenary talks, contributory oral as well as poster presentations and technology exhibitions are planned during the International conference. Also, five satellite symposia dedicated to specific issues of major vegetable oil crops are also planned to be held during the conference. The event will be organized in association with several national and international organizations associated with oilseeds research and production.

### Key features of the conference

- 📍 Satellite symposia on Rapeseed and Mustard, Soybean, Groundnut, Oil Palm and Quality Seed
- 📍 Rapid roll oral presentations from young researchers
- 📍 Poster presentations
- 📍 Exhibition from industry, FPOs, SHGs, start-ups, agri-innovators, etc.
- 📍 Brainstorming sessions
- 📍 Panel discussion(s)
- 📍 Field visits
- 📍 Pitch presentation to encourage entrepreneurs
- 📍 Cultural events

### Conference themes

The central theme of the conference is to address the major issues that are limiting the production of vegetable oils and develop strategies for a roadmap to overcome these issues and achieve an increased production.



## Themes

### Frontier Science for Improving Crop Productivity

*Plant genetic resources  
Classical breeding approaches and varietal development  
Precise phenotyping and genotyping  
Genomics enabled crop improvement  
Genetic engineering and gene editing  
Breeding for climate resilience  
Resistance against biotic and abiotic stresses  
New paradigms in pest management  
Seed technology*

### Enabling Environment : Improved Agronomy for Enhancing Production

*Conservation agriculture  
Precision farming  
Resource use efficiency  
Carbon farming  
Regenerative agriculture: Organic and natural farming  
Mechanization  
Emerging technologies : Nanotechnology, drones, artificial intelligence and machine learning*

### Value Addition and Quality Improvement

*Improving oil quality and stability  
Specialty products and derivatives  
Valorization of by-products  
Oil meal quality improvement  
Value addition for export  
Secondary agriculture  
Innovations in product processing*

### Expanding Horizons

*Cropping system manipulations  
Niche area cultivation  
Value chain development  
TBOs and alternate sources of oils  
Digital initiatives  
Agri-hub innovations  
Industry-academia interface and PPP  
Government initiatives*

### Policy

*Trade and economy  
Marketing strategies and innovative models  
Policy initiatives  
Seed legislations  
Intellectual property rights*

## Keynote Speakers

Distinguished scientists from across the globe with rich knowledge and experience in the vegetable oil and relevant sectors will be invited to deliver keynote lectures during the International Conference.

## Call for papers / extended summaries

Scientists / researchers / students / oilseed industry specialists / farmers / policy makers / other stakeholders are invited to submit their extended summaries to the International Conference on Vegetable Oils 2023. Extended summaries submitted will be reviewed and selected for oral/poster presentations based on the merit.

## Guidelines for preparation of extended summaries

**Extended summary (up to 2 typed pages) should include:** Title, authors, affiliation, abstract (less than 100 words), introduction, materials and methods, and results and discussion along with 2-3 most relevant references (entire article including the abstract should be approximately 500 words). If necessary, one figure or table may be included in the results section. The extended summary may be prepared as per the Journal of Oilseeds Research format (<https://isor.in/>). All the extended summaries must be prepared in **A4 size page, single line spacing and in Times New Roman 11 size font with a margin of 1.2 inches on all the sides.**

## Important Dates

Submission of extended summaries and invited papers	December 20, 2022
Receipt of registration fee	December 20, 2022
Request for accommodation	December 15, 2022

## Conference registration fee details

Category of Delegates	Early bird Registration (Before December 20, 2022)	Late Registration (After December 20, 2022)
<b>Indian</b>		
Members of oilseed societies (ISOR/SSRD/SRMR/SPOPRD)	INR 7,000	INR 8,000
Non-members	INR 8,000	INR 9,000
Students	INR 3,000	INR 4,000
<b>International</b>		
Faculty/Scientist/Researcher	US \$ 300	US \$ 400
Students	US \$ 100	US \$ 150
<b>Private sector representatives</b>		
<b>Corporate registrations (10 members)</b>	INR 1,00,000	INR 1,20,000

## Mode of payment

Through online transfer (preferred) / QR code (provided below) or DD/cheque in favour of General Secretary, ISOR, Hyderabad and send to The General Secretary, Indian Society of Oilseeds Research, ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad-500 030, Telangana, India. Details are provided in the Registration Form.

## Sponsorship

Opportunities are available for public and private sectors	Diamond : ₹ 15.0 lakhs
	Platinum : ₹ 10.0 lakhs
	Gold : ₹ 5.0 lakhs
	Silver : ₹ 3.0 lakhs

## Accommodation

Limited accommodation is available for the delegates in various government guest houses. Also, the city of Hyderabad offers a wide variety of accommodation - from modest to luxurious. A wide range of hotels are available within 10 to 20 km radius of the venue. The delegates may directly book their accommodation through the hotels' websites. Delegates need to bear their own accommodation charges.

Star Hotels Tariff (INR/Day)		
Novotel Hyderabad Airport (INR 10,250)	Novotel HCC (INR 10,000)	The Manohar (INR 5,800)
Holiday Inn Express (INR 5,700)	Hyatt Deccan (INR 6,000)	Park Hyatt (INR 12,100)
Lemon Tree (INR 5,000)	Taj Banjara (INR 7,000)	Radisson (INR 5,000)
Le Meridian (INR 13,500)	Avasa (INR 8,000)	Sheraton (INR 13,100)
Government Guest Houses Tariff (A/c) (INR/Day/Person)		
ICAR-NAARM (INR 1,500)	NIPHM (INR 1,500)	ICAR-IIOR (INR 1,000)
ICAR-CRIDA (INR 1,500)	PJTSAU (INR 1,200)	MANAGE (INR 1,500)
NIRD&PR (INR 2,000)	ICAR-IIRR (INR 1,000)	ICAR-PDP (INR 1,000)

(These tariffs are based on current rates/day excluding the taxes and subject to change at the time of booking).



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***For more information please contact***

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***For more information for ISOR Members  
please contact***

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**ICAR-Indian Institute of Oilseeds Research**

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**E-mail:** [icvo2023@gmail.com](mailto:icvo2023@gmail.com); **Website:** [www.isor.in](http://www.isor.in)

***For more information for Industry & OTAI Members  
please contact***

### **FARE LABS Pvt. Ltd.**

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MG Road, Gurugram-122 002, Haryana, India

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## Exhibition

Registration fee for single exhibition stall of 9 sq. meters is INR 30,000. The facilities provided for five days in each stall are built-up stand, spot lamp, fascia, floor covering, one table, two chairs and one 5-amp electric socket. Two participants will be permitted to manage the stall.

## Official language

Language of communication during the conference is English.

## Climate during the conference

The weather in Hyderabad during the conference period is expected to be pleasant: sunny and pleasantly warm days; cool nights and early mornings and day temperatures range between 19°C and 30°C.

## Currency

INR (₹) is the currency of India. All the major international currencies can be exchanged at the Hyderabad International Airport and several banks. International credit cards are also widely accepted.

## VISA requirements for Foreign Nationals

Foreign nationals are advised to contact the Indian Embassy/High Commission/Consulate in their countries in order to obtain a visa for entry into India. Please apply for your visa well in advance to avoid last minute glitches. The conference organizers will be happy to provide invitation letter, after you are registered for the conference, to facilitate the process of your visa application.

## About Hyderabad

We are happy to host ICVO 2023 in the historic city of Hyderabad, one of the best tourist destinations in the country. Hyderabad, perched on the top of the Deccan Plateau, 1776 ft., above sea level, and sprawls over an area of 100 sq. miles. is the capital of Telangana, the youngest state of India and the fifth largest city in India. Hyderabad was founded on the river Musi five miles east of Golconda, in 1591-92 by Muhammad Quli Qutub Shah. In the 16<sup>th</sup> century the city grew spontaneously to accommodate the surplus population of Golconda, which was the capital of the Qutub Shahi rulers. The city with its 400-year-old history is noted for its natural beauty, mosques and minarets, bazaars and bridges, hills and lakes. Its state-of-the-art facilities, information technology enabled services and existing scientific, research and industrial establishments attract people from all over the world, making it the right place for new bridges in science and knowledge. Attached to the city is its twin, Secunderabad, which is separated from Hyderabad by the Hussain Sagar, an artificial lake constructed during the time of Ibrahim Quli Qutub Shah Wali in 1562 A.D. Charminar, Buddha statue at Hussain Sagar Lake, Falaknuma Palace, Birla Temple, Statue of Equality, Ramoji Film City, etc., are the added attractions of Hyderabad.



## Registration Form

For online submission please click the link  
<https://forms.gle/wxidcaARcjRVVhzRA> (or)  
Scan the QR Code

Scan for online  
Registration



**Title** : Prof/Dr/Mr/Mrs/Ms **Name** (In capital letters): \_\_\_\_\_

**Designation**: \_\_\_\_\_ **Organization**: \_\_\_\_\_

**Address**: \_\_\_\_\_

\_\_\_\_\_ **State** : \_\_\_\_\_ **Country** : \_\_\_\_\_ **Postal Code**: \_\_\_\_\_

**Mobile No**: \_\_\_\_\_ **WhatsApp No**: \_\_\_\_\_ **E-mail**: \_\_\_\_\_

**Are you member of ISOR/SRMR/SSRD/SOPRD** : YES / NO; (If YES, Society Name & Membership No.): \_\_\_\_\_

### *Passport details (only for foreign/SAARC delegates)*

Nationality: \_\_\_\_\_; Passport No: \_\_\_\_\_; Date of issue: \_\_\_\_\_; Valid till: \_\_\_\_\_

Whether submitting an abstract: **YES/NO** If YES, to be considered as: **Oral/ Poster**

**Title of presentation(s)**: \_\_\_\_\_

**Under which Theme(s)**: \_\_\_\_\_

### **Mode of payment of registration fees:**

Paid Registration Fee of \_\_\_\_\_ in INR/US\$ through online transfer (preferred) / demand draft / cheque (No: \_\_\_\_\_ Dt. \_\_\_\_\_, in favour of 'Indian Society of Oilseeds Research', payable at Hyderabad, India) (Registration Fee can be paid by scanning the QR code)

Scan for online  
Payment



**Online transfer details:** **Bank**: State Bank of India **Branch**: Rajendranagar, Hyderabad, India  
**Account No.** 52032213529 **IFSC Code**: SBIN0020074

Date:

Signature:

- Participants can register through the conference web site ([www.isor.in](http://www.isor.in)) after October 01, 2022.
- Participants can register using above form till December 15, 2022.
- Registration form can be downloaded from ISOR web site: [www.isor.in](http://www.isor.in)

**For more information please contact**

**Conference Secretariat - ICVO 2023**  
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