

International Conference on Vegetable Oils 2023 (ICVO 2023) 'Research, Trade, Value chain and Policy'

January 17-21, 2023

Venue: PJTSAU Auditorium, Hyderabad, India

January 17, 2023

0830-1000 hrs* **Registration**

1000-1200 hrs **INAUGURAL SESSION**

Shri Dwijendra Mathur

Managing Director, FARE Labs Pvt. Ltd., Gurgaon

Dr. Krishna Ella

Executive Chairman, Bharat Biotech International Limited, Hyderabad

Shri Meenesh Shah

Chairman, NDDB

Shri M Raghunandan Rao, IAS

Secretary, Govt. of Telangana & Vice Chancellor, PJTSAU

Shri Manoj Ahuja, IAS

Secretary, DA&FW

Dr. Mangala Rai

Former Secretary, DARE and DG, ICAR

1200 hrs **High Tea**

1230-1330 hrs **Inaugural lecture**

Oilseeds Research and Development

Dr. Mangala Rai

Former Secretary, DARE and DG, ICAR

1330-1430 hrs **LUNCH**

***All the timings in the programme are in IST**

1430-2030 hrs Theme I FRONTIER SCIENCE FOR IMPROVING CROPPRODUCTIVITY

a. Genetic improvement of oilseed crops: Exploitation of genetic resources

Chairpersons **Dr. Mangala Rai**, Former Secretary, DARE and DG, ICAR
Prof. Denis Murphy, University of South Wales, UK

Co-Chairperson **Dr. Sanjeev Gupta**, ADG (OP), ICAR, New Delhi

Convener **Dr. V Dinesh Kumar**, Principal Scientist, ICAR-IIOR, Hyderabad
Rapporteurs **Dr. S Senthilvel**, Principal Scientist, ICAR-IIOR, Hyderabad
Dr. Milind Ratnaparkhe, Principal Scientist, ICAR-IISR, Indore

1430-1515 hrs Keynote address

New frontiers for improving yield, nutrition, resilience and sustainability of global vegetable oil crops ([online](#))

Prof. Denis Murphy, University of South Wales, UK

1515-1535 hrs	Genetic resources: A treasure trove for trait manipulation (Online)	Dr. GP Singh Director, ICAR-NBPGR, New Delhi
1535-1555 hrs	Breeding approaches for oilseed improvement	Dr. Surinder S Banga Raja Ramanna Fellow, PAU
1555-1615 hrs	High throughput techniques for genotyping and phenotyping: Essential tools for trait mapping and crop improvement (Online)	Dr. Viswanathan Chinnusamy Joint Director (Research), IARI, New Delhi
1615-1635 hrs	Genomics assisted breeding in oilseed crops	Dr. Damaris A Odeny Cluster Leader – Genomics and Bioinformatics at ICRISAT, Hyderabad
1635-1655 hrs	Molecular approaches for insect pest management strategies in oilseed crops (Online)	Dr. NK Krishna Kumar Former DDG (HS), ICAR, New Delhi
1655-1710 hrs	Q & A	
1710-1730 hrs	Tea	
1730-1845 hrs	Oral presentations (12-15 No)	
1845-1915 hrs	Remarks by Chair	
1930-2030 hrs	Poster Session	

January 18, 2023

0900-1900 hrs

0900-1100 hrs Theme I FRONTIER SCIENCE FOR IMPROVING CROPPRODUCTIVITY

b. Translational Biotechnology for Enhancing Productivity and Production in Vegetable Oil Crops

Chairperson Dr. TR Sharma, DDG (CS), ICAR, New Delhi
Co-Chairperson Dr. Sujatha Mulpuri, Former Director, ICAR-IIOR, Hyderabad

Convener Dr. C Lavanya, Principal Scientist, ICAR-IIOR, Hyderabad
Rapporteurs Ms. Usha Kiran, Senior Scientist, ICAR-IISR, Hyderabad
Dr. HH Kumaraswamy, Scientist, ICAR-IIOR, Hyderabad

0900-0920 hrs	Gene editing and integrated approaches to discover novel traits in oilseed crops (Online)	Dr. Amitabh Mohanty Leader, Global Biotech Operations, Corteva, USA
0920-0940 hrs	Breeding approaches for biotic and abiotic stress tolerance (Online)	Dr. Asheesh K Singh Iowa State University, USA
0940-1000 hrs	New Paradigm in Plant Protection under Changing Cropping Systems and Weather Parameters (Online)	Dr. Srinivasan Ramasamy Lead Entomologist, World Vegetable Center, Shanhua, Taiwan
1000-1020 hrs	Improved adaptation to climate change (Online)	Prof. Kadambot HM Siddique The University of Western Australia, Australia
1020-1030 hrs	Q & A	
1030-1040 hrs	Remarks by chair	
1040-1100 hrs	Tea	

1100-1700 hrs Theme II ENABLING ENVIRONMENT: IMPROVED AGRONOMY FOR ENHANCING PRODUCTION

Chairpersons Prof. Prabhu Pingali, Tata-Cornell Institute, Cornell University, USA
Dr. V Praveen Rao, Former Vice Chancellor, PJTSAU
Co-chairperson Dr. Ranjitha Puskur, CGIAR Gender Platform, New Delhi

Convener Dr. G Suresh, Principal Scientist, ICAR-IIOR, Hyderabad
Rapporteurs Dr. K Ramesh, Principal Scientist, ICAR-IIOR, Hyderabad
Dr. P Lakshamma, Principal Scientist, ICAR-IIOR, Hyderabad

1100-1145 hrs **Keynote Address**
Regenerative Agriculture: Natural and organic farming
Prof. Prabhu Pingali, Tata-Cornell Institute, Cornell University, USA

1145 - 1205 hrs Potential of conservation agriculture in oil crops: Progress, Prospects and Way forward
Dr. ML Jat
Research Program Director, ICRISAT, Patancheru, Hyderabad

1205-1225 hrs Precision Agriculture as a Tool to Improve Productivity in Oilseed crops
Dr. V Praveen Rao
Former Vice Chancellor, PJTSAU

1225-1245 hrs	Designing Efficient and Eco-friendly Production System for Rice-fallow Agro-ecosystems	Dr. Ram Swaroop Meena Banaras Hindu University, Varanasi, India
1245 -1305 hrs	Potential and Opportunities for Increasing the Production of Oil Crops Through Farm Mechanization (Online)	Dr. C R Mehta Project Coordinator, ICAR-CIAE
1305 -1330 hrs	Q & A	
1330-1430 hrs	Lunch	
1430 -1450 hrs	Nanotechnology: Applications and Prospects in Improving Efficiency during Vegetable Oil Production, Processing, and Utilization	Prof. Subramanian KS Former Director of Research and NABARD Chair, Professor, TNAU, Coimbatore
1450 -1510 hrs	Emerging Technologies in Agriculture: Application of Drones, Artificial Intelligence, Machine Learning	Dr. Dushyant K Tyagi CEO, Farmgate Technologies Pvt. Ltd. Miyapur, Hyderabad
1510 -1530 hrs	Q & A	
1530 -1550 hrs	Tea	
1550 -1730 hrs	Oral presentations (12-14 Nos) & Poster evaluation (First 120)	
1730 -1800 hrs	Remarks by Chair	
1800 -1900 hrs	Poster Session	
1900 -2030 hrs	Cultural Event	

January 18, 2023

CONCURRENT SESSION

0900-1830 hrs SATELLITE SYMPOSIUM ON POST HARVEST SYSTEMS IN VEGETABLE OILS

Chairperson **Shri D Mathur**, President, OTAI, New Delhi
Co-Chairperson **Dr. Praveen Kumar Yadav**, Head, Dept of Oil Technology, HBTU, Kanpur

Convener **Dr. HB Singh**, Senior Director, FARE Labs, Gurugram
Rapporteurs **Dr. Aziz Qureshi**, Principal Scientist, ICAR-IOR, Hyderabad
Dr. Vineet Kumar, Principal Scientist, ICAR-IISR, Indore

0900-0910 hrs	Introducing the topic	(Chairman and Co-Chairman)
0910-0930 hrs	Vegetable oils-Do they require modifications for exploiting full potentials	Dr. BR Lokesh Chief Scientist, Nutraceuticals, CSIR-CFTRI Mysore
0930-0950 hrs	Automation in processing sector with special reference to Mustard seed	Shri Chandra Shekhar Joshi Director, FARE Labs Pvt Ltd, Gurugram
0950-1010 hrs	Paradigm shift in analysis of oils and allied products to assess safety parameters	Dr. Meenakshi Tripathi President, FARE Labs Pvt Ltd, Gurugram
1010-1030 hrs	Screening of GMOs identification through latest techniques for value chain development in edible oils and allied products	Dr. Abhinav Pathak Scientist C, FARE Labs Pvt Ltd, Gurugram
1030-1050 hrs	Industry representative	Perkin Elmer
1050-1110 hrs	Calibration and Proficiency Testing: A critical element for maintaining the quality standards	Dr YP Singh CEO (Calibration) FARE Labs Pvt Ltd, Gurugram
1110-1130 hrs	Tea break	
1130-1150 hrs	Challenges of soybean processing industries	Shri JB Agarwal General Manager, Patanjali Foods
1150-1210 hrs	Realms of regulatory aspects of oils and allied products	Dr. SC Khurana Technical Advisor, FARE Labs Pvt Ltd, Gurugram
1210-1230 hrs	Cotton Seed Oil – challenges and options to increase the edible oil availability	Sh. Peravali Kotirao Director of All India Cottonseed Crushers Association, Guntur
1230-1250 hrs	Palm oil processing and valorization of by-products	Dr. Praveen K Yadav Head, Dept. of Oil Technology, HBTU, Kanpur
1250-1310 hrs	Plant and Machinery representative	Alfa Laval Pune
1310-1330 hrs	Rice bran oil – processing issues Product Manufacturing representative	Sh. Varun Goyal Project Coordinator, Ricela Group of Companies, Punjab
1330-1430 hrs	Lunch	
1430-1450 hrs	Coconut oil – issues and potential for value addition and processing	Mr. Arun V Marico Ltd., Mumbai
1450-1510 hrs	Oi Technology Issues	Dr. Pradosh Chakrabarti OTAI Representative
1510-1550 hrs	Use of Chromatography & Spectroscopic Techniques for Oil & Oil Meal Quality	Dr. SK Raza CEO (Testing), FARE Labs Pvt. Ltd. Gurugram
1550-1605 hrs	Edible Oil Usage in Hospitality Industry (online)	Dr. M Khurshed Alam Khan Divisional Manager (R & D), ITC Hotels, New Delhi
1530-1550 hrs	Tea Break	
1550-1610 hrs	APEDA representative	
1610-1630 hrs	IOPEPC representative	
1630-1650 hrs	FARE Labs representative	
1650-1730 hrs	Q & A and Remarks by chair	
1730-1830 hrs	B to B (Business to Business) Discussion	

January 19, 2023

0900-1900 hrs

0900-1330 hrs

Theme III VALUE ADDITION AND QUALITY IMPROVEMENT

Chairpersons

Dr. Ashok Dalwai, IAS, CEO, NRAA, Gol, New Delhi

Dr. YB Ramakrishna, Member Expert, Working Group on Biofuels

Co-chairperson

Dr. RBN Prasad, Former Chief Scientist, CSIR-IICT, Hyderabad

Convener

Dr. AL Rathnakumar, Principal Scientist, ICAR-IIOR, Hyderabad

Rapporteurs

Ms. KSVP Chandrika, Scientist, ICAR-IIOR, Hyderabad

Dr. Anand Zanwar, Scientist, Bharati Vidyapeeth, Pune

0900-1015 hrs

Keynote addresses

Potential of Value Addition and Secondary Agriculture in Oilseed Crops

Dr. Ashok Dalwai, IAS, CEO, NRAA, Gol, New Delhi

Valorization of the Bio-mass of Oilseeds and Oil Palm

Dr. YB Ramakrishna, Member Expert, Working Group on Biofuels, Ministry of Petroleum and Natural Gas, Bengaluru

1015-1030 hrs

Tea

1030-1045 hrs

Valorisation of oils and the development of various technologies & products ([Online](#))

Prof. Anjan Ray

Director, CSIR-IIP, Dehradun, Uttarakhand

1045-1100 hrs

Valorization of a biomass: Phytochemicals in oilseed by-products ([Online](#))

Dr. Selin Sahin Sevgili

Istanbul University – Cerrahpasa, Turkey

1100-1107 hrs

Quality perspectives on edible oils and allied products in terms of MCPD & dioxin contents

Dr. Sammaiah Arukali

Scientist, FARE Labs

1107-1115 hrs

Current scenario of trans fats in edible oils in India vis-à-vis regulations

Dr. Konda Reddy

Scientist, FARE Labs

1115-1130 hrs

Overview of Export of Major Oilseeds

Shri Kishore Tanna

Hon. Secretary, IOPEPC

1130-1145 hrs

Improving Oil quality and stability with specific reference to high oleic oils

Dr. P Janila

ICRISAT, Hyderabad

1145-1200 hrs

Innovations in product portfolio development: Oil technologists' perspective

Dr. Shilpa Vora

Marico Lead

Shri D Mathur

MD, FARELABS and Chairman, OTAI

1200-1215 hrs

Innovations in technology development for meeting consumer and industry demands

Dr. RBN Prasad

Former Chief Scientist, CSIR-IICT, Hyderabad

1215-1315 hrs **Oral presentations (10) and poster evaluation (remaining)**

1315-1330 hrs **Q & A and Remarks by chair**

1330-1430 hrs **Lunch**

1430-2000 hrs Theme IV EXPANDING HORIZONS

Chairpersons **Dr. AK Singh**, Vice-Chancellor, RLBCAU
Mrs. Shubha Thakur, Jt. Secretary (Oilseeds), DA&FW, GoI, New Delhi

Co-chairperson **Dr. Sudha Mysore**, Former CEO, Agri Innovate India

Convener **Dr. SV Ramana Rao**, Principal Scientist, ICAR-IIOR, Hyderabad
Rapporteurs **Dr. N Mukta**, Principal Scientist, ICAR-IIOR, Hyderabad
Dr. AV Ramanjaneyulu, Head, Agroforestry, PJTSAU, Hyderabad

1430-1530 hrs **Keynote addresses**

Convergence among Agencies through NMEO for Increasing Vegetable Oil Production

Mrs. Shubha Thakur, Jt. Secretary (Oilseeds), DA&FW, New Delhi

Bridging the Yield Gaps through Innovative Transfer of Technologies

Dr. AK Singh, Former DDG (Extn), ICAR & Vice-Chancellor, RLBCAU, Gwalior

1530-1600 hrs **Tea**

1600-1615 hrs Characterizing and Delineating Farming Situations in Different Agro-ecological Zones Suitable for Oilseed Cultivation for Diversification through Cropping Systems Approach ([Online](#))

Dr. Azad Singh Panwar
Director, ICAR-IIFSR

1615-1630 hrs Rice-fallow agro-ecosystems for oilseed cultivation: Potential and strategies

Dr. Ranjitha Puskur
IRRI Representative-India
CGIAR Gender Platform, New Delhi

1630-1645 hrs TBOs and Alternate Sources of Oils

Shri Divakar Rao
Member, Vision Group on Biotechnology, GoK & Member, KSBB, Bengaluru

1645-1700 hrs Value Chain Development in Oil Crops

Prof. Trilochan Sastry
Professor, IIMB and Founder CEO - Centre for Collective Development, Karnataka

1700-1715 hrs Agri-hub Innovations

Dr. Sudha Mysore
Former CEO, Agri Innovate India

1715-1730 hrs Role of cooperatives for farmers welfare

Shri Meenesh Shah
Chairman, NDDB

1730-1745 hrs Digital tools for convergence

Shri M Venu
Vice-President, Kalgudi Technologies

1745-1800 hrs Convergence with FPOs for increasing vegetable oil production

Shri. Shaji K.V
Chairman, NABARD

1800-1815 hrs Role of processing industries in creating demand locally

Dr. Anupam Barik
Ex-Add Dir. DAC

1815-1830 hrs Niche area expansion for oilseed crops

Dr. Nita Khandekar
Former Director, ICAR-IISR, India

1830-1930 hrs **Oral presentations (12 No) and Poster Session**

1930-1945 hrs Q & A

1945 -2000 hrs Remarks by chair

January 20, 2023 0900 -1200 hrs

0900-1200 hrs **SATELLITE SYMPOSIUM ON SEED SYSTEMS FOR OILSEEDS**

Chairperson Dr. Keshavulu Kunusoth, President ISTA & Managing Director, TSSDCL

Co-Chairperson Dr. DK Yadava, ADG (Seeds), ICAR

Convener Dr. Lakshmi Prayaga, Principal Scientist, ICAR-IIOR, Hyderabad

Rapporteurs Dr. J Jawahar Lal, Senior Scientist, ICAR-IIOR, Hyderabad

Dr. C Manimuruagan, Scientist, ICAR-IIOR, Hyderabad

0900-0910 hrs **Introducing the topic** **Chairman and Co-chairman**

0910-0940 hrs Achieving effective and resilient seed systems
([Online](#))

Dr. Kent J Bradford
Director, Seed Biotechnology Centre,
UCDavis, USA

0940-1000 hrs Seed Legislation and policies for effective seed
systems development in oilseeds

Dr. DK Yadava
ADG (Seeds), ICAR

1000-1020 hrs Implication of OECD seed scheme on quality
seed availability of oilseed crops in global seed
market ([Online](#))

Dr. Csaba Gaspar
Program Manager – OECD
Paris, Ile-De-France, France

1020-1035 hrs Road map for quality seed availability in
oilseeds crops for self-sustainability in oil
production

Dr. S Rajendra Prasad
Former Vice Chancellor, UAS,
Bengaluru

1035-1050 hrs An overview of oilseeds seed industry

Dr RK Tripathi
Director (Technical), NSAI

1050-1105 hrs Tree borne oilseeds – challenges in quality
seed production of tree borne oilseeds

Dr. Umarani
Director (Seed), TNAU, Coimbatore

1105-1130 hrs **Tea break**

1130-1200 hrs **Panel Discussion**

Panelists

Apart from the lead speakers, the following will be the panelists

- 1) **Dr. Prabhakar Rao**, President, NSAI
- 2) **Dr. GV Ramana Rao**, Ganga Kaveri Seeds Pvt Ltd.
- 3) **Shri Manish Patel**, President, APSA

January 20, 2023 1200-1800 hrs CONCURRENT SESSIONS

1200-1800 hrs SATELLITE SYMPOSIUM ON RAPESEED-MUSTARD

Chairperson Dr. Arvind Kumar, Former VC, RLBCAU, Jhansi.

Co-Chairperson and Convener Dr. PK Rai, Director, ICAR-DRMR

Rapporteurs Dr. Arun Kumar and Dr. HK Sharma

1200-1215 hrs	Current status and future developments in rapeseed-mustard production and nutritional security	Dr. PK Rai Director, ICAR-DRMR, Bharatpur
1215-1230 hrs	Pre-breeding for genetic enhancement of oilseed Brassica	Dr. SR Bhat Former Professor, NRCPB, New Delhi
1230-1245 hrs	Oilseed Brassica production systems constraints and opportunities under changing climatic scenario	Dr. BS Mahapatra VC, BCKV, Kalyani
1245-1300 hrs	Integrated management to enhance productivity of rapeseed (Online)	Dr. Etienne Pilorgé Terres Inovia, and Secretary GCIRC, Paris, France
1300-1400 hrs	Lunch	
1400-1415 hrs	New paradigms in insect-pest management in oilseed Brassica	Dr. HC Sharma Former VC, UHF, Solan (H.P.)
1415-1430 hrs	Technology dissemination and livelihood support at small farms (Online)	Dr. GN Hazarika Former Director Research, AAU
1430-1445 hrs	Policy interventions, market and trade considerations	Dr. Anupam Barik Ex-Add Dir. DAC
1445-1500 hrs	Developing IPM strategies for insect pests in European rapeseed (Online)	Dr. Samantha Cook Rothamsted Research, UK
1500-1545 hrs	Speakers (7 minutes each)	
	Advances in rapeseed-mustard breeding	Dr. VV Singh Principal Scientist, ICAR-DRMR
	Interspecific hybridization for trait improvement in <i>B. juncea</i>	Dr. Naveen Singh Principal Scientist, ICAR-IARI
	Management of rapeseed-mustard germplasm	Dr. HK Sharma Senior Scientist, ICAR-DRMR
	Resource conservation technologies for rapeseed-mustard production and productivity	Dr. RS Jat Principal Scientist, ICAR-DRMR
	Advances in rapeseed mustard disease management	Dr. Pankaj Sharma Principal Scientist, ICAR-DRMR
	Technology assessment and dissemination in rapeseed-mustard	Dr. AK Sharma Principal Scientist, ICAR-DRMR
1545-1600 hrs	Tea Break	
1600-1700 hrs	Rapid Oral PPT (5min each); 10 Speakers	
1700-1800 hrs	Panel discussion Moderator: Dr. SR Bhat, Former Professor, ICAR-NRCPB, New Delhi	

Panelists:

1. Dr. PK Rai

2. Dr. Naveen Singh

3. Dr. VV Singh
5. Dr. AK Sharma
7. Dr. RS Jat
9. Dr. Ajin Mandaokar
(Corteva Agriscience)

4. Dr. G.N. Hazarika
6. Dr. PD Meena
8. Dr. Pankaj Sharma
10. Dr. HB Singh, FARELABS

January 20, 2023

CONCURRENT SESSION

1200-1800 hrs **SATELLITE SYMPOSIUM ON SOYBEAN**

Chairperson Dr. Sanjeev Gupta, ADG (Oilseed), ICAR, New Delhi
Co-Chairperson Dr. KH Singh, Director, ICAR-IISR, Indore
Convener Dr. Nita Khandekar, Former Director, ICAR-IISR, India
Rapporteurs: Dr. Milind B Ratnaparkhe and Dr. Giriraj Kumawat

1200-1215 hrs	Overview and challenges in Soybean Production	Dr. KH Singh Director, ICAR-IISR, Indore
1215-1230 hrs	Genome-wide association studies in soybean	Dr. Babu Valliyodan Asst. Prof of Genetics and Director-Genomics Programme, Lincoln University, Missouri, USA
1230-1245 hrs	Translational Genomics Tools for Soybean Improvement (Online)	Dr. Trupti Joshi Assistant Professor, NextGen Translational Bioinformatics Lead, University of Missouri, Columbia, USA
1245-1300 hrs	Breeding for Asian soybean Rust resistance	Dr. Naoki Yamanaka Professor, Japan International Research Center for Agril. Sciences (JIRCAS), Japan
1300-1400 hrs	Lunch	
1400-1415 hrs	Towards understanding molecular basis of broad-spectrum pathogen and pest resistance encoded by the soybean protein GmDR1	Dr. Madan Bhattacharyya Professor, Department of Agronomy, Iowa State University, IA 50011, USA
1415-1430 hrs	Soybean Industry Overview	Dr. DN Pathak Executive Director, SOPA, Indore
1430-1530 hrs	Speakers (6-7 Minutes each) Exploring microbial symbionts for improving soybean production and soil carbon sequestration Utilizing photo-insensitivity and long juvenility for soybean genetic improvement in India Advances in mutation breeding in soybean Developing food grade soybean varieties Genomic strategies for abiotic stress tolerance in soybean Overview on soybean seed production	Dr. Mahaveer P. Sharma Principal Scientist, ICAR-IISR Indore Dr. Sanjay Gupta Principal Scientist, ICAR-IISR Indore Dr. Joy G Manjaya Senior Scientific Officer, BAER Centre, Mumbai Dr. Vineet Kumar Principal Scientist, ICAR-IISR Indore Dr. Milind Ratnaparkhe Principal Scientist, ICAR-IISR Indore Dr. Mrunal Kuchlan Senior Scientist, ICAR-IISR Indore
1530-1600 hrs	Tea	
1600 -1700 hrs	Short Presentation/Students 16 Speakers (5 minutes each)	

1700 -1800 hrs **Panel Discussion**

Moderator:

Dr. Madan Bhattacharyya

Professor, Department of Agronomy,
Iowa State University, IA 50011, USA

Panelists:

Dr. Naoki Yamanaka

Dr. Trupti Joshi

Dr. D N Pathak

Dr. Mahaveer P. Sharma

Dr. Vineet Kumar

Dr. Mrunal Kuchlan

Dr. Babu Valliyodan

Dr. Nita Khandekar

Dr. Sanjay Gupta

Dr. Anita Rani

Dr. Milind Ratnaparkhe

January 20, 2023 CONCURRENT SESSION

1230-1800 hrs **Satellite Symposium on Groundnut: Peanut Research and Industry Needs**

Co-Chairpersons Dr. Janila Pasupuleti, ICRISAT, Hyderabad
Dr. SK Bera, Director, ICAR-DGR, Junagadh

- 1230-1255 hrs Global peanut research needs from perspective of production and industry ([Online](#)) **Dr. Steve Brown**
Executive Director The Peanut Research Foundation, USA
- 1255-1310 hrs Peanut production and research needs for Western-Central Africa (WCA) ([Online](#)) **Dr. Issa-Faye**
Institut Sénégalais de Recherches Agricoles (ISRA), Senegal
- 1310-1325 hrs Peanut production and research needs for Eastern-Southern Africa (ESA) ([Online](#)) **Dr. Kalule Okello David**
National Semi-Arid Resources Research Institute
- 1325-1340 hrs **Q & A on three talks**
- 1340-1430 hrs **Lunch**
- 1430-1530 hrs Panel discussion 1
Global peanut research for future needs of production and industry. 3 panelists (**Dr. SN Nigam** (Retd. ICRISAT), **Dr. DM Hegde** (Retd. ICAR); **Dr. Vasanti R** (ANGRAU)
Moderator: Dr. SK Bera, ICAR-DGR
- 1530-1630 hrs Panel discussion 2
Global groundnut trade and industry needs 3 panelists (Indian Solvent extractor association or MARS
Shri Nilesh Vira, Chairman, IOPEPC
Dr. Hector Lorenz-South Africa ([Online](#))
Moderator: Dr. P Janila, ICRISAT
- 1630-1650 hrs **Tea**
- 1650-1750 hrs Presentation by 7 young professionals 7 X 8 min (6 min each presentation and 2 min discussion) – to be selected from the abstracts submitted to the ICVO 2023
- 1750-1800 hrs Wrap up and recommendations Moderators

January 20, 2023 CONCURRENT SESSION

1400 -1800 hrs

SATELLITE SYMPOSIUM ON OIL PALM

Chairperson
Co-Chairperson
Convener

Dr. VB Patel, ADG (HS-II), ICAR, New Delhi
Dr. MV Prasad, Director (Acting), ICAR-IIOPR, Pedavegi
Dr. K Suresh, ICAR-IIOPR, Pedavegi

1400-1410 hrs	Welcome and Introducing the Topic	Dr. VB Patel ADG (HS.II) (Fruits and Plantation Crops), ICAR, New Delhi
1410-1420 hrs	Overview and challenges in R & D of Oil Palm	Dr. MV Prasad Direct (Acting), ICAR-Indian Institute of Oil Palm Research, Pedavegi
1420-1430 hrs	Oil Palm development through NMEO-OP for self-sufficiency in vegetable oil production – Scenario and preparedness.	Shri Bipul Kumar Srivastava Dy. Commissioner (Oilseeds), DA&FW, GOI
1430-1440 hrs	Trade of vegetable oils – Role of oil palm in Indian scenario	Dr. Prabodh S Halde Jt. Secretary SEA
1440-1450 hrs	Processing of oil palm – A vital activity in Indian vegetable oil production	Dr. BS Yadav Managing Director, Godrej AgroVet
1450-1500 hrs	Farmers first – Role of farmers in oil palm production for self-sufficiency in vegetable oil production	Shri Bobba Veera Raghava Rao President, AP Oil Palm Farmers' Association, Vijayawada
1500-1510 hrs	Oil Palm seed production – Opportunities and Challenges for a road map	Dr. G Ravichandran ICAR-IIOPR, Pedavegi
1510-1520 hrs	Best management practices for higher production and productivity of oil palm	Dr. K Manorama , ICAR-IIOPR, Pedavegi
1520-1530 hrs	Cropping system in oil palm	Dr. K Ramachandrudu ICAR-IIOPR, Pedavegi
1530-1540 hrs	Global scenario of oil palm germplasm and planting materials	Dr. Rajanaidu Nookaiah Advanced Biotechnology and Breeding Centre, MPOB, Malaysia
1540-1550 hrs	Health Benefits of palm oil	Dr. Vijaya Khader Former Dean, Faculty of Home Science, ANGRAU
1550-1610 hrs	AI / UAV for crop management	Prof. Siba K Udgata School of Computer Sciences, UoH, Hyderabad
1610-1630 hrs	Tea	
1630-1700 hrs	Oral presentations (5 minutes each)- 6 nos	
1745-1815 hrs	Panel discussion (5 minutes for each panelist)	

Panelists:

Dr. S Arulraj, Director (Retd.) ICAR-IIOPR
Dr. BN Rao, Principal Scientist, ICAR-IIOPR
Dr. DL Maheswar, Ex VC, UHS, Bagalkot and Additional Director (Retd.), Karnataka
Shri. P Mallesham, CEO, M/s. Patanjali foods Pvt., Ltd.

1815-1830 hrs

Concluding remarks by Chairman

January 20, 2023

CONCURRENT SESSION

1200-1600 hrs SATELLITE SYMPOSIUM ON NICHE OILSEED CROPS

Chairperson Dr. YG Prasad, Director, ICAR-CICR
Co-Chairpersons Dr. Rajani Bisen, I/c Project Coordinator, PC Unit (Sesame & Niger), Jabbalpur
Dr. MS Uma, Associate Director of Research & Head AICRP, Sunflower, UASB
Convener Dr. RD Prasad, Principal Scientist, ICAR-IIOR, Hyderabad
Rapporteurs Dr. Durai Murugan, Principal Scientist, ICAR-IIOR, Hyderabad
Dr. Boopathi Thangavel, Senior Scientist, ICAR-IIOR, Hyderabad

1200-1205 hrs	Introductory remarks	Dr. YG Prasad Director, ICAR-CICR
1205-1220 hrs	Ricinus: A super species	Dr. C Lavanya Principal Scientist & PI AICRP (Castor) ICAR-IIOR, Hyderabad
1220-1235 hrs	Roadmap for enhancement of safflower production	Dr. N Mukta Principal Scientist & PI AICRP (Safflower) ICAR-IIOR, Hyderabad
1235-1250 hrs	Sunflower improvement in India: Achievements and Prospects	Dr. I Shankar Goud Former Director of Research, UAS, Raichur
1250-1305 hrs	Strategies for productivity enhancement and biofortification in linseed	Dr. AL Rathnakumar Principal Scientist & PI AICRP (Linseed) ICAR-IIOR, Hyderabad
1305-1320 hrs	Status of Sesame & Niger improvement in India	Dr. Rajani Bisen I/C Project Coordinator P C Unit (Sesame & Niger), Jabbalpur
1320-1335 hrs	Status and possibilities of Marker Assisted Selection in niche oilseed crops of India	Dr. Kadirvel Palchamy Principal Scientist ICAR-IIOR, Hyderabad
1335-1430 hrs	Lunch	
1430-1545 hrs	Oral Presentation (17 No.)	
1545-1600 hrs	Concluding remarks by chairperson	

January 20, 2023 CONCURRENT SESSION

1600-1810 hrs **SATELLITE SYMPOSIUM ON PROSPECTS FOR BIO-DIESEL PRODUCTION FROM TBOs, INDUSTRIAL & OTHER OILSEED CROPS AND CROP RESIDUES**

Chairman & Moderator

Dr. Ramakrishna YB

Member-Working group on Biofuels, MoP&NG

Convener

Dr. M Sujatha, Principal Scientist, ICAR-IIOR, Hyderabad

Rapporteurs

Dr. P Padmavathi, Principal Scientist, ICAR-IIOR, Hyderabad

Dr. Praduman Yadav, Senior Scientist, ICAR-IIOR, Hyderabad

1600-1605 hrs	Introductory remarks	Dr. Ramakrishna YB Member-Working group on Biofuels, MoP&NG
1605-1620 hrs	Status of the conversion technologies - decentralized production and SAF opportunities	Dr. Neeraj Atray Sr. Principal Scientist, CSIR-IIP, Dehradun
1620-1635 hrs	An overview of the Biodiesel blending program in India, Opportunities and feedstock supply chain challenges	Dr. Akhilesh Saraf President, Biodiesel Manufacturers Association of India, Indore
1635-1650 hrs	IOCL initiative to aggregate Mahua seeds from tribal areas in MP and local value addition - A case study	Mr. PC Gupta General Manager, IOCL, New Delhi
1650-1705 hrs	Involvement of farming Community and creation of feedstock supply chain - Karnataka Model	Mr. Divakar Rao Member - Karnataka State Bio Energy Development Board, Bangalore
1705-1720 hrs	Farm to Fuel - Production and supply chain of oil seeds, technology integration and market linkages - Chhattisgarh model	Mr. Sumit Sarkar, CEO of Chhattisgarh Biofuel Development Board, Raipur
1720-1730 hrs	Q & A	
1730-1800 hrs	Panel discussion	
1800-1810 hrs	Concluding remarks by Chairman	

1800-1900 hrs **Poster session**

1900-2000 hrs **Cultural event**

January 21, 2023

0900-1400 hrs

09.00-12.00 hrs Theme V POLICY

Esteemed Panel Prof. Ramesh Chand, Member NITI Aayog
Shri Manoj Ahuja, Secretary, DA&FW
Dr. SK Pattanayak, Former Secretary, DA & FW
Dr. T Mohapatra, Former Secretary DARE & DG, ICAR, New Delhi

Convener Dr. RK Mathur, Director, ICAR-IIOR, Hyderabad
Rapporteurs Dr. SV Ramana Rao, Principal Scientist, ICAR-IIOR, Hyderabad
Dr. GD Satish Kumar, Principal Scientist, ICAR-IIOR, Hyderabad

0900-0930 hrs **Keynote address**
Prof. Ramesh Chand, Member NITI Aayog

0930-0945 hrs	India and World Demand Supply Situation of Vegetable Oils: Way forward	Dr. KD Yadav Jt. Secretary SEA
0945-1000 hrs	Marketing strategies and innovative approaches for boosting vegetable oil production (online)	Dr. Suresh Babu IFPRI, Washington DC, USA
1000-1015 hrs	Institutional Convergence for policy implementation	Dr. G Chandrashekar The Hindu
1015-1030 hrs	Intellectual property rights	Dr. KS Varaprasad Former Director, ICAR-IIOR
1030-1045 hrs	Oral presentation (3 No)	
1045-1100 hrs	Tea	
1100-1230 hrs	Panel discussion on “ Developing strategic roadmap towards achieving self-sufficiency in vegetable oils ” Rapporteurs: Dr. C Sarada, Principal Scientist, ICAR-IIOR, Hyderabad Dr. Santhalaxmi Prasad, Principal Scientist, ICAR-IIOR, Hyderabad	

Tentative list of panelists

Development	Shri Raghunandan Rao Shri T Nanda Kumar	APC & Secretary, Govt. of Telangana Former Secretary, Govt. of India
Research/Technology	Dr. Arvind Kumar Dr. DM Hegde Dr. DK Yadava Dr. Anand Pandravala	Former VC, RLBCAU, Jhansi Former Director, ICAR-IIOR ADG (Seeds), ICAR, New Delhi Corteva Agrisciences, Hyderabad
Policy & Institutional support	Dr. Vijay Paul Sharma Shri Shaji KV Shri Meenesh Shah	Chairman, CACP Chairman, NABARD Chairman, NDDB
Expanding Horizons	Dr. SK Singh (Online Mode) Shri K Ramakrishna Reddy Dr. V Sudha Rani	Director, ATARI, Jodhpur Chairman, TSOILFED DE, PJTSAU
Industry	Shri D Mathur Shri DN Pathak Shri Suresh Motwani Shri Bhaskar Reddy Shri GV Subba Reddy	President, OTAI President, SOPA Solidaridad FICCI, Telangana CII, Telangana

1230-1400 hrs **Plenary Session & GBM of ISOR**

1400 **National Anthem**