

Proceedings of the
ICAR-IIOR INDUSTRY INTERFACE MEET

Host: ICAR-Indian Institute of Oilseeds Research, Hyderabad

Date: 10th March 2025

The ICAR-IIOR Industry Meet was organized on 10th March 2025 at ICAR-Indian Institute of Oilseeds Research, Hyderabad. Dr. S. K. Rao, Former Vice-Chancellor, RVSKVV, Gwalior & Chairman, RAC, ICAR-IIOR, was the chief guest. Dr. R. K. Mathur, Director, ICAR-IIOR, Hyderabad Chaired the proceedings. Dr. D. Raji Reddy, Vice-Chancellor, SKLTGHU, Mulugu, Telangana; Dr. K. S. Varaprasad, Former Director, ICAR-IIOR; Dr. Tara Satyavathi, Director, ICAR-IIMR, Hyderabad; Dr. L. Saravanan, Officer In-charge, ICAR-NBPGR Regional Station, Hyderabad and Dr. K. R. K. Reddy, President, BioAgri Input Producers Association (BIPA), Hyderabad were Guests of Honour. Representatives of about 47 industries and their subsidiaries, 70 representatives from start-ups and several other entrepreneurs from across the country were participated in the meet.

An exhibition was organized wherein the technologies, including recently released varieties/hybrids of oilseed crops (varieties/hybrids/genetic stocks), biopesticide and biopolymer technologies, and value-added technologies of oilseeds developed by ICAR-IIOR on oilseeds were showcased. All the participants visited the field demonstrations and exhibition stall and enquired about the technologies and materials displayed. After the exhibition visit, an interactive meeting was organized. Dr. R. K. Mathur, Director, ICAR-IIOR, delivered the inaugural address, emphasizing the need for strengthening research-industry collaboration for the benefit of the oilseed sector. Dr. R. D. Prasad, ITMU In-Charge (PI, NAIF project), ICAR-IIOR, welcomed the delegates from the private sector, ICAR officials, FPOs, and representatives from sister institutes of ICAR, Hyderabad. In his opening remarks, he briefly emphasized the significance of the industry meet. The dignitaries released the book on Glimpses of ICAR-IIOR technologies. An MoU was signed between ICAR-IIOR and Mr. Mohan Kumar, an ICAR-IIOR incubatee having its office at Kadaveedi, Srikakulam, Andhra Pradesh for *Trichoderma harzianum* Th4d WP formulation, and also between ICAR-IIOR and M/s. SRI BIOAESTHETICS Pvt. Ltd., Ameenpur Mandal, Sangareddy District, Hyderabad, for technology transfer and collaborative research. Memoranda of Understanding (MoUs) were signed between IIOR-Agribusiness Incubation Centre (ABIC) and four start-ups. An MoU with M/s. FloraSante focuses on the commercial exploitation of safflower petals for value-added

products. Another agreement with M/s. Radha Group aims at blending oil to enhance product quality and market reach. Additionally, an MoU with M/s. Bharat Agro Industries will facilitate soil health testing at the village level, promoting better soil management and improved agricultural productivity. Dr. A. L. Rathnakumar, Principal Scientist, Crop Improvement, ICAR-IIOR, Hyderabad, presented an overview of the salient features of the varieties and hybrids of IOR mandate oilseed crops (sunflower, safflower, sesame, and castor) released by this institute and available for commercialization. Dr. P. Duraimurugan, Principal Scientist, ICAR-IIOR, Hyderabad, highlighted the microbial biopesticides, biopolymer technologies, and seed pelleting technologies. Dr. K. R. K. Reddy, President, BIPA, Hyderabad, emphasizes public-private partnerships and industry engagement in technology development and commercialization. Dr. S. K. Rao, Former Vice-Chancellor, RVSKVV, Gwalior & Chairman, RAC, ICAR-IIOR, delivered the keynote message, underlining the role of innovation and policy support in promoting the oilseed industry.

Dr. Tara Satyavathi, Director of ICAR-IIMR, Hyderabad, stated that the industry meet serves as an excellent platform for exchanging ideas, collaborating, benefiting farmers, and promoting technologies. Dr. S. K. Rao, Former Vice-Chancellor of Rajmata Vijayaraje Scindia Krishi Vishwavidyalaya (Gwalior) emphasized that available technologies are not expanding as expected and acknowledged the excellent work being done in seed utilization and highlighted the importance of an efficient seed delivery mechanism. He noted that biopolymer treatment helps reduce seed wastage, which is crucial for all vegetable crops. Additionally, advancements in seed delivery mechanisms contribute significantly to production efficiency. Regarding partnerships, he stressed the importance of consistent follow-up, as effective partnership models ultimately benefit farmers. He also pointed out that institutions face challenges in securing funding for research, which affects outreach efforts, and also highlighted that technological developments at research institutes hold great value for farmers, but more efforts are needed to ensure their accessibility. Dr. K. S. Varaprasad emphasized that the focus should not just be on what is available but on what the industry truly needs. He highlighted the importance of public-private partnerships (PPP) in fostering innovation and addressing industry challenges. He particularly stressed the need to support small and medium enterprises (SMEs) through structured hand-holding efforts, ensuring they realize their full potential. He suggested taking inspiration from the Taiwan model, where industry meets are held every 15 days to facilitate continuous collaboration. Dr. D. Raji Reddy, Vice-Chancellor, SKLTGHU, Mulugu, Telangana, emphasized the public-private sector extension efforts need to be

strengthened for better integration into the system. There is a need to resolve issues in intercropping and nutrient management for improved productivity. Horticultural crops currently rely heavily on pesticides, and efforts should be made to reduce pesticide dependency while ensuring sustainable farming practices. Dr. L. Saravanan, Officer In-charge, ICAR-NBPGR Regional Station, Hyderabad, emphasized the importance of post-harvest improvements to enhance agricultural sustainability and highlighted the development of pollination technology to improve crop yields and sustainability. Dr. K. R. K. Reddy, President, BIPA, Hyderabad, stressed the need for mandatory allocation of resources to strengthen public-private partnerships (PPP) in agriculture and also highlighted that the industry is increasingly inclined towards collaborative research for innovation and growth.

Additionally, a one-to-one discussion between respective technology innovators and company people/stakeholders was organized and discussed regarding the technology details, its advantages, and modes of agreement. Further, the industries perspective on oilseed production technologies, including crop/variety improvement, production, protection, quality, requirements for export, safe storage, etc., was discussed with the experts. Dr. M. Santhalakshmi Prasad, Principal Scientist & Head, Crop Protection ICAR-IIOR, Hyderabad, concluded the event by extending gratitude to all participants and stakeholders for their valuable contributions.



Inauguration of the Exhibition during the ICAR-IIOR Industry Interface Meet



**Group Photo of Dignitaries and Participants of ICAR-IIOR
Industry Interface Meet**



Visit of Dignitaries and Participants to the Exhibition Stall and Inquire about the Technology's Material Displayed (Varieties/ Hybrids)



Visit of Dignitaries and Participants to the Exhibition Stall and Inquire about the Technologies Material Displayed (Value added products)



Release of the “ICAR-IIOR Technologies Book” by the Dignitaries during the ICAR-IIOR Industry Meet



Discussion between Technology Innovators and Company People/ Stakeholders during the ICAR-IIOR Industry Meet



Dignitaries and participants visited the field and inquired about various crop varieties/hybrids.



Exchange of MoU between ICAR-IIOR and Other contract parties



MoU Signed with ABIC Incubatees

అధిక నూనె గింజల దిగుబడిపై అవగాహన



నూనె గింజల ప్రదర్శన

ఏజీవర్సిటీ: నూనె గింజల పంటల దిగుబడిపై సోమవారం భారతీయ వ్యవసాయ పరిశోధనా మండలి-నూనె గింజల పరిశోధనా సంస్థ (ఐసీఎఆర్-ఐఐఓఆర్)లో అవగాహన కలిగించారు. ఈ సందర్భంగా నూనె గింజల పంటల్లో కొత్త పంగడాలు, నూతన ఆవిష్కరణలు, సేవ ఆధారిత సస్య యాజమాన్య పద్ధతులు, కొత్త బయో ఫర్టిలైజర్, విత్తన శుద్ధి అవసరమైన బయో పాలిమర్ వంటి ఆవిష్కరణలపై చర్చించారు. ఈ సమీక్షనంలో విత్తనోత్పత్తి, విత్తనాభివృద్ధి, ప్రాసెసింగ్, బయో ఆధారిత ఉత్పత్తుల అభివృద్ధి, దేశవ్యాప్తంగా పేరెన్నికగన్న 47 పరిశ్రమలు, వాటి అనుబంధ సంస్థలు, అంకుర సంస్థల నుంచి 70 సంస్థల ప్రతినిధులు, ఔత్సాహికులు, పారిశ్రామిక వేత్తలు, యువ అంకుర సంస్థ యజమానులు పాల్గొన్నారు. అధిక దిగుబడిని ఇచ్చే హైబ్రిడ్ రకాలపై అవగాహన కల్పించారు. ఐసీఎఆర్-ఐఐఓఆర్లో అభివృద్ధి చేసిన పలు ఉత్పత్తులను ప్రదర్శించారు. కార్యక్రమంలో ఆర్.కె.ఎస్.కేవీవీ గ్వాలియర్ పూర్వ ఉప కులపతి డాక్టర్ ఎస్.కె.రావు, ఐఐఓఆర్ డైరెక్టర్ ఆర్.కె.మాధుర్, డాక్టర్ ఆర్.డి.ప్రసాద్, ఐసీఎఆర్ డైరెక్టర్ సత్యతారా సత్యవతి, ఉద్యాన విశ్వవిద్యాలయం వీసీ దండా రాజారెడ్డి, కె.ఎస్.వర ప్రసాద్, కె.ఆర్.కె.రెడ్డి తదితరులు పాల్గొన్నారు.

List of participants

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**ICAR-Indian Institute of Oilseeds Research
Rajendranagar, Hyderabad-500030**



**ICAR-IIOR Industry Meet
March 10, 2025**

PROGRAMME

Time	Programme
10.00 -10.30	Registration
10.30 -11.15	Field Visits-Oilseeds Varieties/Hybrids, Exhibition on IIOR Technologies
11.15 -11.30	High Tea
1130 hrs	Inaugural Session & ICAR Geeth
11.30 -11.35	Welcome and Context Setting - Dr. R. D. Prasad Principal Scientist (Plant Pathology)
11.35 -11.45	Inaugural Address - Dr. R. K. Mathur , Director, ICAR-IIOR
11.45 -12.30	Presentations & Interactions
	Varieties and Hybrids Dr. A. L. Rathnakumar , PS, Crop Improvement
	Biopesticides and Biopolymer Technologies Dr. P. Duraimurugan , PS, Agril. Entomology
	Scope of Collaborations & Institute-Industry Interaction Dr. R. D. Prasad , PS, ICAR-IIOR Dr. K. R. K. Reddy , President, BIPA, Hyderabad
12.30 -12.45	Release of Publication (Glimpses of IIOR Technologies), Technology Transfers, MoUs
12.45 -13.10	<u>Remarks by the Guests of Honour</u> Dr. K. S. Varaprasad , Former Director, ICAR-IIOR Dr. Tara Satyavathi Director, ICAR-IIMR, Hyderabad Dr. L Saravanan , Officer In-charge, ICAR-NBPGR RS, Hyderabad <i>Remarks by the Special Guest</i> Dr. D. Raji Reddy , Vice Chancellor, SKLTGHU, Mulugu, TG
13.10 -13.20	<u>Message by the Chief Guest</u> Dr. S. K. Rao , Former Vice Chancellor, RVSKVV, Gwalior & Chairman, RAC, ICAR-IIOR
13.20 -13.30	Vote of Thanks Dr. M. Santhalakshmi Prasad , Principal Scientist & Head, Crop Protection
	National Anthem

LUNCH : 13.30 -14.00