



AGRI 2026
VISION

2026

Technical Program

8th International Conference on **Sustainable Agriculture for Food Security**

January 28-30, 2026 | ICAR-IIHR-CHES, Bhubaneswar, Odisha, India

Jointly organized by SARM & ICAR-IIHR-CHES



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Day-1 (Jan 28, 2026) Auditorium (Ground Floor)	
09:00-09:45	Registration
09:45-09:50	Opening Ceremony, Candle Lighting
09:50-10:00	Opening Remark
	Session Theme: Sustainable Agriculture & Horticulture, Digital Agriculture, Food & Nutrition
10:00-10:15	PS1: Potential of baby corn and sweet corn in Odisha Dr. Sain Dass Former Director, ICAR-Directorate of Maize Research, New Delhi
10:15-10:30	PS2: Role of quality pesticide input in increasing productivity Dr. R G Agarwal Chairman Emeritus, Dhanuka Agritech Ltd.
10:30-10:45	PS 3-V: The Critical Role of the Subtropical Horticulture Research Station in USDA-ARS National Plant Germplasm System Dr. Madhugiri Nageswara-Rao USDA-ARS, Subtropical Horticulture Research Station 
10:45-11:00	PS4: Performance of yield and quality of cocoa (<i>Theobroma cacao</i> L.) grown under different cropping systems in Andhra Pradesh Prof. Kalpana Motha College of Horticulture, Venkataramannagudem
11:00-11:15	Tea Break (Registration Area)
11:15-11:25	Title: Wettability Studies of Plant Leaf Surfaces Using an Optical Tensiometer with Water, Oil, and Emulsions Dr. Sumit Tripathi IITRAM, Ahmedabad
11:25-11:35	Title: Empowering Gen-Z (Farmers) with a New Digital Modelling Framework for Climate-Resilient Agriculture Dr. Dulal Chakrabarti India Meteorological Department, Ministry of Earth Sciences, Government of India
11:35-11:45	Title: Untangling regulated metabolic and molecular features in plant cells for surviving under salt stress by seed priming with Mangrove-derived bacterial bio-stimulant Dr. Harshata Pal Amity University, Kolkata
11:45-12:00	Title: The bright side of parasitic plants: what are they good for? Dr. Harekrushna Swain Botanical Survey of India, ERC, Shillong
12:00-12:10	Title: Comparative Genomics analysis of Rhizosphere and Endophytic Trichoderma isolates from Tropical Tuber Crops Dr. R Arutselvan ICAR-CTCRI, Bhubaneswar
12:10-12:20	Title: Genomics-Enabled Dissection of White Mold Resistance in Common Bean Dr. Mamidi Sujana HudsonAlpha Institute for Biotechnology
12:20-12:30	Title: Millet-based Cropping Systems under Rainfed Upland for Higher Water Productivity, Farm Income, Nutritional Security, and Resilience of Marginal Farmers of Odisha Dr. Bhabani Sankar Satapathy ICAR-IIWM, Bhubaneswar





12:30-12:40	Title-V: Evaluation of bioactive constituents of <i>Garcinia indica</i> (kokum) as a potential source of hydroxycitric acid, anthocyanin, and phenolic compounds Dr. Pritee Singh ICAR-IIHR, Bengaluru 
12:40-12:50	Title-V: Identification and evaluation of advanced bitter gourd (<i>Momordica charantia</i> L.) lines for powdery mildew resistance Dr. B.Varalakshmi ICAR-IIHR, Bengaluru 
12:50-13:00	Title: Mangrove Ecosystems as Blue Carbon Reservoirs: Mechanisms and Impact on Climate Change Mitigation Dr. Sauren Das Indian Statistical Institute, Kolkata
13:00-13:10	Title-V: Mathematical Modelling of Drying Kinetics and Rehydration Behaviour of Green Peas Dr. Anindita Karmakar Bidhan Chandra Krishi Viswavidyalaya, Kolkata 
13:10-13:20	Title: Seed Spices for Rural Livelihoods in Odisha: Evidence from On-Farm Demonstrations Dr. Jotirmayee Lenka ICAR-IISWC, RC, Sunabeda
13:20-13:30	Title: A native strain of <i>Heterorhabditis indica</i> from Indo-Gangetic plains: characterization, molecular phylogeny and field efficacy against bark eating caterpillars in guava Dr. Snehasish Routray ICAR-CISH, Lucknow
13:30-14:15	Lunch Break (Dining Area)
14:15-14:30	PS5: Biopesticides based sustainable nematode management in horticultural crops Dr. R. Umamaheswari ICAR-IIHR Bengaluru
14:30-14:45	PS6: Prevalent and emerging diseases affecting Dragon Fruit (<i>Selenicereus</i> spp.) in India Dr. Sangeetha Ganesan ICAR-IIHR, Bengaluru
14:45-14:55	Title: CRISPR/Cas-based genome editing for genetic improvement of <i>Solanum lycopersicum</i> L. Dr. Banashree Saikia CSIR-NEIST, Jorhat
14:55-15:05	Title: Climate-driven agro-ecological vulnerability: flood-induced chemical dependency, food & nutrition security, biodiversity decline risks in vegetable-based farming systems Mr. Dibakar Mallick HCL Foundation
15:05-15:15	Title: Life Cycle-Based Sustainability Assessment of Litchi-Based Integrated Farming Systems toward Carbon Neutral Agriculture Dr. Bhagya Vijayan ICAR-NRC on Litchi, Muzaffarpur
15:15-15:25	Title: Soil hydraulic conductivity under agricultural-to-horticultural land use change in the Eastern Ghats, India Dr. Saswat Kumar Kar ICAR-IISWC, RC, Sunabeda
15:25-15:35	Title: Metagenomics Insights into Microbial Biodiversity of Wild Brinjal (<i>Solanum</i> spp.) Relatives Dr. Satyapriya Singh ICAR-IIHR-CHES, Bhubaneswar



15:35-15:45	Title: Exploring Nutritional and Genetic Diversity in Curry Leaf Genetic Resources Dr. Raghu BR ICAR-IIHR, Bengaluru	
15:45-15:55	Title-V: Identification of SSR marker for Fruit Firmness (ff) linked QTL in Indian Melon (<i>Cucumis melo</i> L.) for Marker-Assisted Breeding Dr. Manjunatha Gowda D. C. ICAR-IIHR, Bengaluru	
15:55-16:05	Title-V: Effective solubilization of rock phosphates with organic amendments and PSB on groundnut-maize cropping system under red lateritic soils of Odisha Mrs Poonam Preeti Pradhan S'O'A University, Bhubaneswar	
16:05-16:15	Title: Off-season cultivation of fodder oat: A climate-resilient strategy for animal nutrition security Dr. Swarnalata Das OUAT, Bhubaneswar	
16:15-16:20	Presentation Certificate Distribution	
16:20-16:35	Tea Break (Registration Area)	
17:00-20:00	Inauguration of Agri Vision 2026, Exhibition, Award Ceremony & Cultural program	
20:00-21:00	Dinner	

Day-1 (Jan 28, 2026): Parallel Session (Virtual)			
Lecture Hall (First Floor)			
	Theme: Sustainable Agriculture & Horticulture, Digital Agriculture, Food & Nutrition		
11:15-11:25	Title-V: Study on the Influence Mechanism of Technology Adoption in Poultry Farming Mathews Biju MS Ramaiah University Applied Sciences, Bangalore		
11:25-11:35	Title-V: Design and Development of Tractor mounted Inter cum Intra row Weeder Sharmistha Sahu CUTM, Bhubaneswar		
11:35-11:45	Title-V: Gender-based farm wage differential: A case study of Indian states Anushka Banaras Hindu University, Varanasi		
11:45-11:55	Title-V: Climate-Resilient Integrated Farming System Modules as a Sustainable Strategy for Enhancing Food, Nutritional and Livelihood Security of Smallholder Farmers Sayani Das Bidhan Chandra Krishi Viswavidyalaya		
11:55-12:05	Title-V: Heterosis Exploitation in Cotton (<i>Gossypium spp.</i>) through Hybrid Seed Production Systems Vijay Thakur Junagadh Agricultural University, Junagadh		
12:05-12:15	Title-V: Role of micronutrients in improving vegetable quality Syeda Nabeela Thasneem Sri Konda Laxman Telangana Horticultural University		
12:15-12:25	Title-V: Effect of Organic Nutrient Sources and Enriched Banana Pseudostem Sap on Growth, Yield, Quality and Economics of Green Gram (<i>Vigna radiata</i> L.) under Organic Farming Banoth Venkateswarlu Dr. Rajendra Prasad Central Agricultural University		



12:25-12:35	Title-V: Harnessing Wheat Genetic Diversity from Heat-Tolerant, High-Yielding Varieties for Climate-Resilient Production Anoj Kumar Singh SHUATS, Prayagraj
12:35-12:45	Title-V: From Participation to Prosperity: Impact of National Rural Livelihood Mission on livelihood security of rural women Pooja Goswami G.B Pant University of Agriculture and Technology, Pantnagar
12:45-12:55	Title-V: Nanopesticides: A Modern Solution for Sustainable Plant Protection and Precision Pest Management Dhorajiya Manashvi Goradhanbhai Junagadh Agricultural University
12:55-13:05	Title-V: Effect of natural vitamin E, vitamin C, Choline and herbal liver supplement on serum biochemical parameters in commercial broilers Sunil Nagappa Kodler KVAFSU, Bidar
13:05-13:15	Title-V: Persistence and Ecotoxicological Evaluation of Butachlor and its Metabolites in Different Soil Order Rupali Gupta Chaudhary Charan Singh Haryana
13:15-13:25	Title-V: Genetic Divergence Analysis of Maize Hybrids for Morphological and Quantitative Traits under Prayagraj Agro-Climatic Conditions Sachin Rajesh Awachar SHUATS, Prayagraj
13:25-14:15	Lunch Break



Day-2 (Jan 29, 2026)
Auditorium (Ground Floor)

09:00-09:45	Registration
09:50-10:00	Opening Ceremony, Candle Lighting
	Session Theme: Sustainable Agriculture, Food & Nutrition, Rural Livelihood Development,
10:00-10:15	PS 1: Adaptive responses to high CO₂ by oil seed crop plants <i>Brassica juncea</i> and <i>Brassica campestris</i> grown in free air Carbon Dioxide Enrichment (FACE) environment Prof. Baishnab Charan Tripathy Sharda University, Greater Noida, India
10:15-10:30	Sponsored Slot: Kubtec Scientific – Global Achievements & Contributions in Seed and Agriculture Sector Mr. Shane Smithee Global Business Head, Kubtec Scientific USA
10:30-10:45	Sponsored Slot: NABARD, RO, Bhubaneswar, Odisha
10:45-11:00	PS 2: Women-friendly agricultural technologies for quality food production Dr. Sukanta Kumar Sarangi ICAR-CIWA, Bhubaneswar, India
11:00-11:15	PS 3: Perspectives on the use of wild species in tomato breeding Dr. H. C. Prasanna ICAR-IIHR, Bengaluru
11:15-11:30	Tea Break (Registration Area)
11:30-11:40	Title: Beyond the GI Act: Interlinkages with the PVPFR Act 2001 for the GI tagged rice in India Dr. Padmavati Manchikanti Indian Institute of Technology, Kharagpur
11:40-11:50	Title: Physiological and biochemical Response of sunflower (<i>Helianthus annuus</i> L.) genotypes to soil applied boron Dr. Anita Mahapatra OUAT, Bhubaneswar
11:50-12:00	Title: Geographical Indications (GIs), Market Access, and Farmer Incomes: Evidence from India's GI tagged non-Basmati Rice varieties Dr. Soumya Vinayan Council for Social Development, Hyderabad
12:00-12:10	Title: Evaluating holistic modules for sustainable nematode management in okra Dr. R. Umamaheswari ICAR-IIHR, Bengaluru
12:10-12:20	Title: Impact of Extreme Weather Conditions on Legume Vegetables and the Feasibility of Non-Traditional Crops in Tropical Humid Odisha Dr. Koundinya A.VV. ICAR-IIHR-CHES, Bhubaneswar
12:20-12:30	Title: Identification and validation of cucumber germplasm (<i>Cucumis sativus</i> L.) lines for downy mildew resistance Dr. Vivek Hegde ICAR-IIHR, Bengaluru
12:30-12:40	Title: Minimizing reactive nitrogen loss in lowland rice using natural nitrification and urease inhibitors Dr. Dibyendu Chatterjee ICAR-CRRI, Cuttack
12:40-12:50	Title: Livelihoods vulnerability of farmers in flood affected agro-ecosystems in Ganjam, Odisha Dr. Shantanu Rakshit ICAR-IIHR-CHES, Bhubaneswar





12:50-13:00	Title: Paddy straw as a biofuel feedstock: Infrastructure needs and financial estimates for effective storage Ayushman Saboo Council on Energy, Environment and Water, New Delhi
13:00-13:10	Title: Strengthening Custom hiring centres for better crop residue management: Lessons from Punjab Srishti Jain Council on Energy, Environment and Water, New Delhi
13:10-13:20	Title: Tracing the rise of crop residue burning in Madhya Pradesh: Trends, drivers and policy gaps Khushi Sharma Council on Energy, Environment and Water, New Delhi
13:20-13:30	Title: Screening for YVMV resistance in Okra hybrids at natural hotspot area at CHES, Bhubaneswar North East region of Odisha Dr. M Pitchaimuthu ICAR-IIHR, Bengaluru
13:30-14:15	Lunch Break (Dining Area)
14:15-14:30	PS 5: Breeding chillies for tackling major biotic stresses Dr. Ponnamm Naresh ICAR-IIHR, Bengaluru
14:30-14:45	Ps 6: <i>T. sphaerococcum</i> (Indian Dwarf Wheat), A Boon for Stress and Nutritional Resilience Prof. V.P. Sahi SHUATS, Prayagraj
14:45-14:55	Title: TBA Lt. Col Tushar Sharma CQA (GS), Kanpur
14:55-15:05	Title: High Density Planting and Sucker Arrangement in Banana: A Sustainable Approach to Enhance Banana Productivity Dr. Saudamini Swain OUAT, Bhubaneswar
15:05-15:15	Title: Formulation of New Panchagavya: Temporal dynamics of Physical, Chemical and Biological Properties in Preparation vs Storage stages Mrs. Sabita Aryal Khanna Kathmandu University, Dullikhel, Nepal
15:15-15:25	Title-V: Phenotypic Mapping of Livestock and poultry genetic Resources of Dehradun District of Uttarakhand Dr. Amod Kumar ICAR-NBAGR, Karnal
15:25-15:35	Title: Constitutive morpho-physiological and biochemical diversity among grape (<i>Vitis spp.</i>) germplasm with relevance to stress-adaptive breeding Debi Prasad Mohanty ICAR-IIHR, Bengaluru
15:35-15:45	Title-V: Quality assessment of different value-added green tea products Bidisha Sharma Assam Agricultural University, Jorhat
15:45-15:55	Title: Gandhamardan hill- Odisha's Living Pharmacy with unique natural Agroforestry and Community Resilience model Abhisekh Pradhan WASSAN, Bhubaneswar



15:55-16:05	Title: Resilient Fruit Farming through Protected Cultivation Dr. Tanushree Sahoo ICAR-IIHR-CHES, Bhubaneswar
16:05-16:15	Title: Influence of combined application of boron and plant growth regulators on yield and fruit quality of apple ber (<i>Zizyphus mauritiana</i> Lamk.) Dr. Deepa Samant ICAR-IIHR-CHES, Bhubaneswar
16:15-16:30	Title: Sustainable Water Management in Agriculture: AI-Driven Precision Irrigation Systems Dr. Sonali Nigam St.Aloysius College (Autonomous), Jabalpur
16:30-16:35	Presentation Certificate Distribution
16:35-16:55	Tea Break (Registration Area)
17:00-20:00	Meeting, Award Ceremony & Cultural Program
20:00-21:00	Dinner

Day-2 (Jan 29, 2026): e-Poster

Lecture Hall (First Floor)



11:00-11:10	EP-1	Devyani Ramola GBPUAT, Pantnagar	Millet for nutrition and climate action: An integrative review of agronomy, processing, and nutritional outcomes
11:10-11:20	EP-2	Nandini Palthyavath PJTAU, Hyderabad	Crop Water Budgeting and Spatial Estimation for Different Establishment Methods of Rice (<i>Oryza sativa</i> L.) under Canal Command Using Remote Sensing and GIS
11:20-11:30	EP-3	Surjeet Singh Bharath Jai Narayan Vyas University, Jodhpur	Innovative Technologies for the Effective Management of Wild Herbivores in the Semi-Arid Agricultural Landscape of Jodhpur, Rajasthan
11:30-11:40	EP-4	Vatsala Tewari GBPUAT, Pantnagar	Impact of Heat Stress on Anti-Nutritional Compounds in Garden Pea (<i>Pisum sativum</i> L.)
11:40-11:50	EP-5	Dr. Jakku Prasanna TNAU, Coimbatore	Agronomic Biofortification for Improving Nutritional Security in Cereal Crops
11:50-12:00	EP-6	Tulja Sanam UAS, Bangalore	Irrigation Water Quality Index-Based Assessment of Marigold Industry Effluent and Its Phytotoxic Bioassay
12:00-12:10	EP-7	Battula Soujanya SKLTGHU, Hyderabad	Assessment of Genetic Variability among Mango Cultivars of Telangana through SSR Markers
12:10-12:20	EP-8	Karre Anusha PJTAU, Hyderabad	Role of Biofertilizers in Improving Nutrient Use Efficiency and Soil Health in Crop Production
12:20-12:30	EP-9	Bonagiri Soumya PJTAU, Hyderabad	Fertilizer Supply Regulation and Its Influence on Nutrient Scheduling in Cropping Systems
12:30-12:40	EP-10	Vijay Sree CH PJTAU, Hyderabad	Use of Drones in Agriculture
12:40-12:50	EP-11	Oddula Vamshi PJTAU, Hyderabad	Impact of Herbicide Intensification on Soil Health and Microbial Diversity in Indian Soybean (<i>Glycine max</i>) Systems



12:50-13:00	EP-12	Kavya Inuganti PJTAU, Hyderabad	Fertilizers and their effects on soil, water and ecosystems
13:00-13:10	EP-13	K. Jhansi VNMKV, Parbhani	Economics of foxtail millet (<i>Setaria italica</i> L.) as influenced by different fertilizer levels and row spacings
13:10-13:20	EP-14	Rohit Redhu GBPUAT, Pantnagar	Remote Sensing and GIS Applications in Indian Agriculture: Current Capabilities and Future Directions
13:20-13:30	EP-15	Farhat Umra IGKV, Raipur	Decentralized Value Addition of Agricultural Residues: A Missing Link in Achieving Rural Sustainability
13:30-14:15	Lunch Break		
14:15-14:25	EP-16	Ayushi Negi SVCAET&RS, IGKV, Raipur	Packaging-Based Interventions for Value Addition of Chironji Oilseeds and Tribal Income Enhancement
14:25-14:35	EP-17	Dileep Singh Rajput Rath Tech Hub	Bridging the Skill Gap in Bundelkhand: A Sustainable Model for Integrating Drone Technology and Solar Solutions in Rural Agriculture
14:35-14:45	EP-18	Katkuri Sai Sharwani PJTAU, Hyderabad	Cold Chain Deficit and Food Security in India: Bridging the Post-Harvest Loss Gap
14:45-14:55	EP-19	Vaishali YSP UHF, Solan	Enhancing Soil Health and Plant Growth with Jeevamrit: A Guide to Beneficial Bacteria in Organic Farming
14:55-15:05	EP-20	Siyang Liu Khon Kaen University, Khon Kaen	A Study on Strategies to Enhance the Public Brand Perception of Lushan Yunwu Tea

Day-2 (Jan 29, 2026): Poster

Timings: 14:00-16:30

P1	Deepika Chandila University of Delhi, New Delhi	Orientation responses of neonate <i>Spodoptera litura</i> larvae (Fab.) (Lepidoptera: Noctuidae) to Plant leaves
P2	Aurolipsa Panda ICAR-IIHR-CHES, Bhubaneswar	Screening of promising gamma ray-induced mutants in cowpea (<i>Vigna unguiculata</i> L. Walp) for growth and yield traits
P3	Sameera Mansuri Government Holkar Science College, Indore	Hydroponic cultivation as a sustainable alternative for enhanced growth and resource use efficiency in medicinal and aromatic plants
P4	Kashish Gohil PDEU, Gandhinagar	Great concepts for re-understanding of food processing
P5	Minijuli Basumatary CIT, Kokrajhar	Microgreens as emerging dietary tools for metabolomic health: insights from recent research.
P6	Rokesh Radhakrishnan IIT, Kharagpur	Agro-Industrial-Driven Design for Remediation of Textile Effluents: A Sustainable Circular Economy model



P7	Sanmhidha R V Kumaraguru Institute Of Agriculture, Appakudal	Systems Analysis of Climate Adaptation in Smallholder Agriculture: Interlinking Technological innovations, ecophysiological responses, Socioeconomic conditions and agricultural policy ecosystems
P8	Cibinandhan K S Kumaraguru Institute Of Agriculture, Appakudal	Microbial Valorization of Poultry Waste: A proposed keratinase based approach for sustainable biofertilizer production
P9	Ankita Mohapatra OUAT, Bhubaneswar	Comparative performance of lettuce cultivars under different media in an aggregate hydroponic system
P10	Anjali Singh SHUATS, Prayagraj	Role of Morphological Traits in Yield Expression of Chilli: A Genotypic and Phenotypic Perspective
P11	Vishnu Raj SHUATS, Prayagraj	In-vitro screening of chilli (<i>Capsicum annuum</i> L.) Genotypes under osmotic stress
P12	Raj Pathak SHUATS, Prayagraj	Pearson Correlation Analysis of Yield and Its Component Traits in Faba Bean
P13	Kriti Gupta SHUATS, Prayagraj	Evaluation of exotic elite germplasm of Durum wheat (<i>Triticum turgidum</i> Desf. var. durum) under terminal heat stress conditions using stress indices
P14	Priyanka SHUATS, Prayagraj	Evaluation of exotic elite germplasm of Durum wheat (<i>Triticum turgidum</i> Desf. var. durum) under terminal heat stress conditions using stress indices
P15	Sanabam Ambika Devi SHUATS, Prayagraj	Evaluation of exotic elite germplasm of Durum wheat (<i>Triticum turgidum</i> Desf. var. durum) under terminal heat stress conditions using stress indices
P16	P. Bhavana OUAT, Bhubaneswar	Deciphering plant volatile-mediated host selection and oviposition in <i>Cnaphalocrocis medinalis</i> (Guenée) using behavioural bioassay, chemical signature and antennal electrophysiology
P17	Jubuli Sahu OUAT, Bhubaneswar	Biofuels production from agro-waste: Enhancing efficiency and environmental sustainability
P18	Gupteswar Mohanty GIET University, Gunupur	Biofuel & Agro-Waste Based Energy: Global Strategies, Geopolitical Shifts and Sustainable Futures
P19	Naveen Raj PB Kumaraguru Institute of Agriculture	MYCOTRON: A Mycelium-Based Living Biofabric for Heavy Metal Immobilization and Soil Reclamation Using <i>Pleurotus ostreatus</i>
P20	Sarmineswary E G PSG Institute of Technology and Applied Research, Neelambur	Drone Robotics and Imaging Technologies for Smart and Sustainable Precision Agriculture
P21	Vishesh Rajiv Gandhi Institute of Petroleum Technology, Amethi	Grey2Green: A Solar-Powered Algae-Based Hybrid System for Decentralized Greywater Recycling and Nutrient Recovery
P22	Ankita Dadhich Institute of Nanoscience and Technology, Mohali	Handheld Crop Pest Sensor Using Binary Catalyst-Loaded Nano-SnO ₂ Particles for Oxidative Signal Amplification
P23	Dr. Sabeera Muzzaffar University of Kashmir	Comparative Evaluation of Conventional and Ultrasound Assisted Extraction of Natural Antioxidants from wild Himalayan fruits



P24	Dr. Chittaranjan Sahoo OUAT, Bhubaneswar	Assessment of Potato (<i>Solanum tuberosum</i> L.) Physiology Under Conservation (Zero) and Conventional Tillage
P25	Dr. Uttam Kumar Behera OUAT, Bhubaneswar	Comparative Evaluation of Morpho-Physiological and Biochemical Traits in Diverse Potato (<i>Solanum tuberosum</i> L.) Genotypes
P26	Dr. Sh. Golak Bihari Naik ICAR-IISWC, RC, Sunabeda	Low Cost, Less Water use and High Production Biofloc Fish farming: Economic empowerment of SC/ST community of Koraput District of Odisha
P28	Nikita Mandala OUAT, Bhubaneswar	Salinity-induced physiological and biochemical changes during seedling establishment in Brinjal (<i>Solanum melongena</i> L.)_
P29	Bibhu Pranashu Das OUAT, Bhubaneswar	Influence of Graded Macronutrient Supply on Growth, Physiology, and Biochemical Attributes of Early-Duration Rice Varieties
P30	Jwela Priyadarshini Behera OUAT, Bhubaneswar	Impact of Insecticide Seed Treatment During Storage on Seedling Health, Vigour, and Physio-Biochemical Traits of Green Gram (<i>Vigna radiata</i> (L.) R. Wilczek)
P31	Chaman Kumar ICAR-IIHR, Bengaluru	Exogenous Melatonin Dipping Mitigation of Pericarp Browning and Oxidative Deterioration in 'Shahi' Litchi (<i>Litchi chinensis</i> Sonn.) During Ambient Storage
P32	Badigi Pavan Naik OUAT, Bhubaneswar	Agro-Tourism as an Emerging Agripreneurship Model for Rural Livelihood
P33	Ananya Mishra OUAT, Bhubaneswar	Value Addition in Tropical Tuber Crops: An Approach towards Income Generation and Waste Reduction
P34	Soumadeep Putatunda OUAT, Bhubaneswar	Precision Horticulture as a Climate-Smart Pathway for Sustainable Agri Food Systems
P35	Deepak Kumar Behera OUAT, Bhubaneswar	Beekeeping: A Promising Non-Farm and Off-Farm Approach as Employment Generation



Day-3 (Jan 30, 2026)
Auditorium (Ground Floor)

09:00-09:45	Registration
09:50-10:00	Opening Ceremony, Candle Lighting
Session Theme: Sustainable Agriculture & Horticulture, Food & Nutrition, and Agri Business	
10:00-10:15	PS1: Business opportunities in Floriculture in Odisha Dr. S.K Palai OUAT, Bhubaneswar
10:15-10:30	PS2: Unlocking Underutilized Leafy Crops for Sustainable Nutrition Security: Lessons from Curry Leaf (<i>Murraya koenigii</i> L. Spreng). Dr. Raghu B.R. ICAR-IIHR, Bengaluru
10:30-10:45	PS3: Efficacy Modulation of Momordica charantia L. Phytocomponents in Adult Zebrafish (Danio rerio): A Dose-Dependent Study Using GC-MS, In-Silico ADMET, & In vivo Techniques Dr. Yashaswi Nayak CUTM, Bhubaneswar
10:45-11:00	PS 4: Genetic diversity of indigenous aromatic rice of Odisha and its use for economic development of rural poor Prof. S. R. Das Former Professor, OUAT, Bhubaneswar
11:00-11:15	Tea Break (Registration Area)
11:15-11:30	PS5: Evaluating Aquaponic-Derived and Synthetic Nutrient Solutions for Lettuce Cultivation in Vertical Hydroponics Dr. Prativa Sahu ICAR-IIWM, Bhubaneswar
11:30-11:40	Title: Ovicidal and Repellent Activity of Cymbopogon winterianus Jowitt Essential Oil against Spodoptera frugiperda (J.E. Smith) (Lepidoptera: Noctuidae) Rupom Pathori Dyal Singh College, University of Delhi, New Delhi
11:40-11:50	Title: Indigenous Knowledge-based Livelihood Mapping for Economic Empowerment of Tribal Communities in Fragile Mountain Regions of Kashmir Dr. Omar Fayaz Khan Sher-Kashmir University of Agricultural Sciences and Technology, Kashmir
11:50-12:00	Title: Expression of Virus Tolerance in Hybrid and Segregating Generations Ramana Parth Madhavjibhai SHUATS, Prayagraj
12:00-12:10	Title: Estimation of Genetic Variability and Screening of Micronutrients (Fe & Zn) in Traditional Rice (<i>Oryza sativa</i> L.) Landraces Sreedevi Menon SHUATS, Prayagraj
12:10-12:20	Title: Precision Allele Engineering of FAD2 for Enhanced Oleic Acid Content and Oil Quality Improvement in Mustard (<i>Brassica</i> spp.) New Muskan Yadav Central Agricultural University, Imphal
12:20-12:30	Title: Identification of SSR marker linked fruit flavour QTL flv1.4 aiding for marker-assisted selection in muskmelon (<i>Cucumis melo</i> L.) flavour trait Sowbiga Rangaraj ICAR-IIHR, Bengaluru



12:30-12:40	Title-V: Biofloc technology: Evaluational trajectory, Conceptual structure, Operating principles and System design – an overview Kumar Siddharth SHUATS, Prayagraj 
12:40-12:50	Title: Deterrent effect of citronella essential oil and its nanoemulsion on oviposition behaviour of diamondback moth, <i>Plutella xylostella</i> (L.) (Lepidoptera: Plutellidae). Nida Deshbandhu College, University of Delhi, New Delhi
12:50-13:00	Title: Stomatal Behaviour under Heat & Drought Stresses Sandeep Nalla SHUATS, Prayagraj
13:00-13:10	Title: Post Harvest Use of Sodium Nitroprusside and Shellac Coating Maintained Fruit Quality and Shelf Life of Sapota in Ambient Condition Dr. Debashis Mandal Mizoram University, Aizawl
13:10-13:20	Title: Calcium mediated strategy for rapid acidogenic sludge formation with simultaneous improvement in biohydrogen production Rokesh Radhakrishnan Indian Institute of Technology, Kharagpur
13:20-13:30	Title: Assessment of nutritional composition and antioxidant activities in foxtail millet Abha Rawat Hemwati Nandan Bahuguna Garhwal University, Srinagar
13:30-13:40	Title: Evaluation of Modified Indirect Solar Dryers' (MISDs) Performance for Sustainable Drying Colla Pulp Musa Balbisiana Titikha Machahary Central Institute of Technology, Kokrajhar
13:40-14:15	Lunch Break
14:15-14:30	Title: Integrating Sustainable Agriculture and Livelihood Diversification for Rural Development in Himalayan Regions Pratibha Rawat Hemwati Nandan Bahuguna Garhwal University, Srinagar
14:30-14:45	Title: Effect of Processing techniques on In vitro Protein Digestibility, Antinutrients, and Functional Properties of Selected Plant-based Foods Doli Saikia UPES, Dehradun
14:45-14:55	Title: Tradition in Transition: Changing Cultural Practices of Baiga PVTG Sandesh Bandhu Banaras Hindu University, Varanasi
14:55-15:05	Title: Variation in auxin induced rooting response of tomato genotypes and its association with fruit yield Madhuchhanda Mishra OUAT, Bhubaneswar
15:05-15:15	Title: Financial Stability – A Pictorial Perception of Migratory Farmers Sayan Sagnika Mohapatra Sri Sri University, Cuttack
15:15-15:25	Title: Financial Stability – A Pictorial Perception of Migratory Farmers Jagmohan Dalmia Sri Sri University, Cuttack



15:25-15:35	Title: Evaluation of boldnut cashew (<i>Anacardium occidentale</i> L.) genotypes for yield and quality attributes Deepshikha Jena OUAT, Bhubaneswar
15:35-15:45	Title: Nutritional Profiling Analysis in Amaranth Germplasm Srija Priyadarsini OUAT, Bhubaneswar
15:45-15:55	Title: Parametric Growth Modeling and Instability Analysis of Odisha's Ragi Area, Yield, and Production Suraj Mallick OUAT, Bhubaneswar
15:55-16:05	Title: Role of Interspecific Grafting in Modulating Flood Stress Tolerance in Tomato (<i>Solanum lycopersicum</i> L.) Madhusmita Bal OUAT, Bhubaneswar
16:05-16:15	Presentation Certificate Distribution
16:15-16:30	Tea Break (Registration Area)
17:00-20:00	Valedictory Ceremony, Award Distribution & Cultural Program
20:00-21:00	Dinner

Note:

- **PS:** Plenary/Keynote Session
- **Title:** Physical Oral Presentation
- **Title-V:** Virtual Oral Presentation
- **EP:** e-Poster
- **P:** Poster Presentation

Day-1 (Auditorium)		
	Session-1 (Pre-lunch)	Session-2 (Post-lunch)
Chair	Prof. Tusar Kanti Behera Director, ICAR-IIHR, Bengaluru	Prof. Prasannajit Mishra Dean, Extension Education OUAT, Bhubaneswar
Co-Chair	Shri. Kalunge Gorakh Waman Director, Directorate of Horticulture, Govt. of Odisha	Dr. Sangeetha Ganesan ICAR-IIHR, Bengaluru
Rapporteur	Dr. Prativa Sahu ICAR-IIWM, Bhubaneswar	Dr. Shantanu Rakshit ICAR-IIHR-CHES, Bhubaneswar
	Dr. Dibya Sundar Kar KVK, Dhenkanal, OUAT, Bhubaneswar	Ms. Babita Mishra KVK, Jajpur, OUAT, Bhubaneswar



Day-1 (Auditorium)	
Parallel Session (Pre-lunch)	
Chair	Prof. Niranjana Panda Dean of Research, OUAT, Bhubaneswar
Co-Chair	Dr. P. Srinivas ICAR-IIHR-CHES, Bhubaneswar
Rapporteur	Dr. Satyapriya Singh ICAR-IIHR-CHES, Bhubaneswar
	Dr. Harekrushna Swain BSI-ERC, Shillong

Day-2 (Auditorium)		
	Session-1 (Pre-lunch)	Session-2 (Post-lunch)
Chair	Dr. Ajit Kumar Shasany Director, CSIR-NBRI, Lucknow	Dr. J.K. Sundaray ICAR-CIFA, Bhubaneswar
Co-Chair	Dr. R. Umamaheswari ICAR-IIHR Bengaluru	Dr. Ponnamm Nares ICAR-IIHR, Bengaluru
Rapporteur	Dr. Raghu BR ICAR-IIHR, Bengaluru	Dr. Jotirmayee Lenka ICAR-IISWC, RC, Sunabeda
	Dr. Sanghamitra Pattnayak KVK, Mayurbhanj, OUAT, Bhubaneswar	Dr. S. Mehar KVK, Kandhamal, OUAT, Bhubaneswar

Day-2 e-Poster (Lecture Hall First Floor)	
Parallel Session (Pre-lunch)	
Chair	Dr. Gobinda Chandra Acharya Head, ICAR-IIHR-CHES, Bhubaneswar
Co-Chair	Dr. Deepa Samant ICAR-IIHR-CHES, Bhubaneswar
Rapporteur	Dr. Koundinya A.V.V. ICAR-IIHR-CHES, Bhubaneswar
	Dr. Tanushree Sahoo ICAR-IIHR-CHES, Bhubaneswar



Day-2 Poster Evaluation	
Committee	Dr. Gobinda Acharya ICAR-IIHR-CHES, Bhubaneswar Dr. V.P. Sahi SHUATS, Prayagraj Dr. Deepa Samant ICAR-IIHR-CHES, Bhubaneswar Dr. Koundinya A.V.V. ICAR-IIHR-CHES, Bhubaneswar Dr. Sauren Das ISI, Kolkata Dr. Harekrushna Swain BSI-ERC, Shillong Dr. Shantanu Rakshit ICAR-IIHR-CHES, Bhubaneswar Dr. Mahadevaiah C ICAR-IIHR, Bengaluru

Day-3 (Auditorium)		
	Session-1 (Pre-lunch)	Session-2 (Post-lunch)
Chair	Dr. P. Naveen Kumar ICAR-IIHR, Bengaluru	Dr. H. C. Prasanna ICAR-IIHR, Bengaluru
Co-Chair	Dr. S.K Palai OUAT, Bhubaneswar Dr. Mahadevaiah C ICAR-IIHR, Bengaluru	Dr. Gobinda Chandra Acharya ICAR-IIHR-CHES, Bhubaneswar Dr. Deepa Samant ICAR-IIHR-CHES, Bhubaneswar
Rapporteur	Dr. Tanushree Sahoo ICAR-IIHR-CHES, Bhubaneswar Mr. Bishnupad Giri KVK-Puri, OUAT, Bhubaneswar	Dr. Koundinya A.V.V. ICAR-IIHR-CHES, Bhubaneswar Ms. Tulasi Majhi KVK-Kalahandi, OUAT, Bhubaneswar



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