

# AGENDA

Day-1 Mar 06

Place: Annex-1

09:00- 09:30 Registration	
09:30- 09:45	Opening Ceremony, Candle Lighting Ceremony & Opening Remarks
09:45- 10:00	<b>Welcome Speech</b> <b>Prof. Pradipta Kumar Mohapatra</b> HOD, Dept. of Botany, Ravenshaw University, Cuttack, India
10:00- 10:25	<b>Plenary Session:</b> Genetic manipulation of Chlorophyll biosynthesis and degradation pathways increases photosynthesis and stress tolerance <b>Prof. Baishnab Charan Tripathy</b> Jawaharlal Nehru University, New Delhi, India
10:25- 10:50	<b>K1:</b> Doubling Farmers Income: Role of Trichoderma spp. in sustainable Agriculture <b>Dr. Arup Kumar Mukherjee</b> Principal Scientist, ICAR-National Rice Research Institute, Cuttack, India
10:50-11:10	<b>Coffee Break &amp; Group Photo @ Annex-1 Lobby</b>
<b>Virtual</b>	<b>Keynote Speech:</b>
11:10- 11:35	<b>K2:</b> Entrepreneurship development in tuber crops value addition <b>Dr. M. Nedunchezhiyan</b> Head (I/C), ICAR-CTCRI, Regional Centre, Bhubaneswar, India
11:35-12:00	<b>K3:</b> Precision plant breeding with CRISPR-Cas tools <b>Dr. Kutubuddin Ali Molla</b> ICAR- National Rice Research Institute, Cuttack, India
12:00- 12:25	<b>K4:</b> An integrated system of fish and plant farming <b>Dr. Yashaswi Nayak</b> HOD, Dept of Zoology, CUTM, Bhubaneswar, India
12:25- 12:50	<b>K5:</b> Unlocking potential of Genebank collections for climate resilient agriculture <b>Dr. Ashok Kumar</b> Director (I/C), ICAR-NBPGR, New Delhi, India
12:50- 13:00	Q & A Session
13:00- 14:00	<b>Lunch &amp; Networking @ Botany Dept. Garden</b>
14:00- 14:25	<b>K6:</b> Freshwater aquaculture technologies for sustainable livelihood development <b>Dr. Saroj Kumar Swain</b> Director, ICAR-CIFA, Bhubaneswar, India
14:25-14:50	<b>K7:</b> Valorisation of leaf meal for replacement of DORB (De Oiled Rice Bran): A forwarding approach for sustainable aquaculture <b>Dr. Narottam P. Sahu</b> Joint Director, ICAR-CIFE, Mumbai, India
14:50-15:15	<b>K8:</b> Genetics and biotechnology to augment aquaculture production & food security <b>Dr. Jitendra Kumar Sundaray</b> Principal Scientist, ICAR-CIFA, Bhubaneswar, India
15:15- 15:30	<b>S1:</b> Current Drivers of Taxonomic Biodiversity Loss in Honeybee, Apis cerana L. and Innovative Strategies to Conserve Them under Temperate Conditions of Kashmir <b>Dr. Shahnawaz Ahmad Dar</b> Scientist, Sher-e-Kashmir University of Agricultural Sciences & Technology, Kashmir, India
15:30- 15:45	<b>S2:</b> Oxford Nanopore Sequencing Technology and its Applications <b>Dr. Sutar Suhas Bharat</b> Assistant Professor at CUTM, Bhubaneshwar, India
15:40- 16:00	<b>Coffee Break &amp; Networking @ Annex-1 Lobby</b>
16:00- 17:00	<b>Inauguration of Stall Exhibition, Inaugural speech &amp; Felicitation</b>

17:00-17:25	Felicitation & Valedictory Ceremony: Day-1
17:25- 17:30	Closing Remarks & End of Day-1

## PARALLEL SESSION

Day-1 Mar 06

Place: Annex-2

Young Investigator Forum	
Chair	<ul style="list-style-type: none"> <li>• <b>Dr. Anjula Pandey</b>, Principal Scientist, ICAR-NBPGR, New Delhi, India</li> <li>• <b>Dr. Sauren Das</b>, Associate Scientist, ISI, Kolkata, India</li> <li>• <b>Dr. Pushpalatha Ganesh</b>, Professor, CUTM, Paralakhemundi, India</li> </ul>
14:00- 14:15	<b>Y1:</b> Chlamydospore formation in Trichoderma and its utilization for the sustainable health management of rice crop <b>Harekrushna Swain</b> Scientific Staff, Botanical Survey of India
14:15-14:30	<b>Y2:</b> Transcriptome dynamics of Asiatic and Western carrots ( <i>Daucus carota</i> L.) to decode candidate genes for root adaptability <b>Chaitra C Kulkarni</b> University of Horticultural Sciences, Bagalkote, India
14:30- 14:45	<b>Y3:</b> Potential natural enemies associated with sorghum shoot bug, <i>Peregrinus maidis</i> (Ashmead) <b>Dharavath Saicharan</b> University of Agricultural Sciences, Dharwad, India
14:45- 15:00	<b>Y4:</b> Cross kingdom RNAi during the interaction between <i>Allium cepa</i> and <i>Fusarium</i> basal rot pathogen <b>Bijayalaxmi Mahanty</b> Rama Devi Women's University, Bhubaneswar, India
15:00- 15:15	<b>Y5:</b> Profiling of candidate microRNAs responsive to fluoride toxicity in rice ( <i>Oryza sativa</i> L.) <b>Tamarapalli Sravya Sruti</b> Rama Devi Women's University, Bhubaneswar, India
15:15- 15:30	<b>Y6:</b> Plant growth promoting activities of endophytes isolated from drought resistant plant <i>Calotropis procera</i> <b>Sonali Jaiswal</b> D.D.U. Gorakhpur University, Gorakhpur, India
15:30- 15:45	<b>Y3:</b> Lactobacillus mediated fermentation of UV-B irradiated mushroom powder to augment nutraceutical properties: A green approach towards nutraceuticals demands and bioeconomy <b>Abhay Tiwari</b> Indian Institute of Technology Delhi, India
15:40- 16:00	<b>Coffee Break &amp; Networking</b> @ Annex-1 Lobby

## AGENDA

Day-2 Mar 07

Place: Annex-1

09:00- 09:20	Registration	
09:20- 09:30	Opening Ceremony, Candle Lighting Ceremony & Opening Remarks	
09:30- 09:50	<b>K1:</b> CRISPR/Cas9 genome editing towards enhanced disease resistance in Chili pepper ( <i>Capsicum annum</i> L.) <b>Dr. Rukmini Mishra</b> HOD, Dept. of Botany, CUTM, Bhubaneswar, India	
09:50- 10:10	<b>SP1: Shri D.P. Dash</b> Assistant General Manager, <b>NABARD</b> , Odisha Regional Office	
10:10- 10:30	<b>K2:</b> The Most Vulnerable Tropical Forest and its Sustainability <b>Dr. Sauren Das</b> Associate Scientist, Indian Statistical Institute, Kolkata, India	
10:30- 10:50	<b>K3:</b> Photosynthetic Pigment Fluorescence Under Pesticide Stress <b>Prof. Pradipta Ku. Mohapatra</b> HOD, Dept. of Botany, Ravenshaw University, Cuttack, India	
<b>10:50-11:00</b>	<b>Coffee Break &amp; Group Photo</b>	<b>@ Annex-1 Lobby</b>
11:00- 11:20	<b>K4:</b> Comparative Proteomics reveals augmentation in allergens as a function of water born toxic metals in the Notopterus notopterus from Mahanadi River <b>Dr. Luna Samanta</b> Professor, Dept. of Zoology, Ravenshaw University, Cuttack, India	
11:20-11:40	<b>K5:</b> Organic farming for sustainable agriculture <b>Dr. Bijoy Kumar Sahoo</b> Dean, IAS- SOA University, Bhubaneswar, India	
<b>11:40- 12:00</b>	<b>K6:</b> Bioinformatics tools and Techniques for mining of simple sequence repeat (SSR) markers in plant genomes <b>Dr. Raghunath Satpathy</b> Asst. Professor, Gangadhar Meher University, Sambalpur, India	
12:00- 12:20	<b>K7:</b> Biotechnology in rice improvement: Recent developments and future perspectives <b>Dr. Sanghamitra Samantaray</b> Principal Scientist, ICAR-National Rice Research Institute, Cuttack, India	
12:20- 12:40	<b>K8:</b> Conservation, Cultivation and Sustainable use of Medicinal Plants <b>Dr. Gyanranjan Mahalik</b> Associate Professor, CUTM, Bhubaneswar, India	
12:40- 13:00	<b>K9:</b> Azotobacter vinelandii helps to combat chromium stress in rice by maintaining antioxidant machinery <b>Dr. Ranjan Kumar Sahoo</b> HOD, Dept. of Biotechnology, CUTM, Bhubaneswar, India	
<b>13:00- 14:00</b>	<b>Lunch &amp; Networking</b>	<b>@ Botany Dept. Garden</b>
14:00- 14:20	<b>K10:</b> Hope and approaches needed for doubling farmers' income through aquaculture and allied technologies <b>Dr. Padmanav Routray</b> Principal Scientist, ICAR-CIFA, Bhubaneswar, India	

14:25-14:45	<b>K11:</b> Strategies to double farmers' income by 2022 through sustainable Agricultural System <b>Dr. Samarendra Mahapatra</b> HOD, Dept. of Agribusiness Management, OUAT, Bhubaneswar, India
14:50-15:15	<b>S1:</b> Allium genetic resource in India: prioritization and study on neodomestication trend <b>Dr. Anjula Pandey</b> Principal Scientist, ICAR- NBPGR, New Delhi, India
15:15- 15:30	<b>S2:</b> Combined application of gamma irradiated chitosan and thiourea improves growth and productivity of rice under nitrogen deficient conditions <b>Dr. Manish Pandey</b> Scientist, Bhabha Atomic Research Centre, Mumbai, India
15:30- 15:45	<b>S3:</b> Identification of candidate genes associated with oil content through allele mining in safflower <b>Dr. Usha Kiran Betha</b> ICAR-Indian Institute of Oilseeds Research, Hyderabad, India
15:45- 16:00	<b>S4:</b> Insight of the Economic Impact of Aflatoxin contamination of maize and groundnut in Senegal <b>Dr. Papa Madiallacke DIEDHIOU</b> Gaston Berger University, Dakar, Senegal
16:00- 16:15	<b>Coffee Break &amp; Networking</b> @ Annex-1 Lobby
16:15-16:30	<b>S5:</b> Molecular and Biochemical characterization of tuberous legume crop Yam bean [Pachyrhizus erosus (L.) Urban <b>Dr. Kalidas Pati</b> Regional Centre, ICAR-CTCRI, Bhubaneswar, India
16:30- 16:55	<b>Plenary Session:</b> Genome Editing: Applications in Agriculture and Meeting SDGs <b>Prof. K. C. Bansal</b> Secretary, National Academy of Agricultural Sciences, New Delhi, India
16:55- 17:00	<b>QA Session</b>
17:00- 17:15	<b>S6:</b> A comparison between tolerant (Aspergillus niger M-RU01) and wild type strain of Aspergillus niger while degradation of four OP insecticides <b>Dr. Debasish Mohapatra</b> Ravenshaw University, Cuttack, India
17:15- 17:30	<b>S7:</b> Biopriming of Rice for Physio-chemical induction of defense against Xanthomonas oryzae pv. Oryzae <b>Dr. Shasmita</b> Ravenshaw University, Cuttack, India
17:30- 17:40	<b>Closing Remarks &amp; End of Day-2</b>

## POSTER SESSION

Day-2 Mar 07

Place: Annex-1 Lobby

### Poster Presentation Group-1

Chair: Poster G1	<ul style="list-style-type: none"> <li><b>Dr. Sanghamitra Samantaray</b>, Principal Scientist, ICAR-NRRI, Cuttack, India</li> <li><b>Dr. Padmanav Routray</b>, Principal Scientist, ICAR-CIFA, Bhubaneswar, India</li> </ul>
09:30- 09:40	<b>P1:</b> Role of helicase in stresses tolerance of plants <b>Monalisha Dasmohapatra</b> Centurion University of Technology & Management, Bhubaneswar, India
09:40- 09:50	<b>P2:</b> Towards efficient photosynthesis: genetic transformation of rice <b>Suchismita Prusty</b> Centurion University of Technology & Management, Bhubaneswar, India

09:50- 10:00	<b>P3:</b> Turmeric's Secondary Metabolites and Pharmacological Values: Preserving and Expanding Our Indigenous Knowledge Base <b>B Jyotirmayee</b> Centurion University of Technology & Management, Bhubaneswar, India
10:00- 10:10	<b>P4:</b> Effect of vermicomposting on growth and nutrient content in Triticum aestivum L. under organic farming system <b>Ananya Mishra</b> Centurion University of Technology & Management, Bhubaneswar, India
10:10- 10:20	<b>P5:</b> Genome wide transcriptome profiling of Embelia species towards characterization of trait specific genes <b>Sunanya Das</b> Centurion University of Technology & Management, Bhubaneswar, India
10:20- 10:30	<b>P6:</b> Genome editing towards disease resistance in Chili pepper (Capsicum annum L.) <b>Rashmi Ranjan Sutar</b> Centurion University of Technology & Management, Bhubaneswar, India
10:30- 10:40	<b>P7:</b> CRISPR/Cas9 mediated genome editing towards Tomato improvement (Solanum lycopersicum L.) <b>Sonupriya Sahu</b> Centurion University of Technology & Management, Bhubaneswar, India
10:40- 10:50	<b>P8:</b> Rapid development of SNP markers towards bacterial wilt resistance in Tomato (Solanum lycopersicum L.) <b>Debasmita Das</b> Centurion University of Technology & Management, Bhubaneswar, India
10:50- 11:00	<b>P9:</b> Genome-wide identification and expression studies of FHY3/FAR1 gene in Manihot esculenta for salt tolerance <b>Sonali Sucharita Jena</b> Centurion University of Technology and Management, Paralakhemundi, India
11:00- 11:10	<b>P10:</b> Genome-wide identification of FAR1 genes and it's expression analysis in Sugarbeet (Beta vulgaris) Plants <b>Sreedhara Ambareesh</b> Centurion University of Technology and Management, Paralakhemundi, India
11:10- 11:20	<b>P11:</b> Genome-wide identification of FHY3 genes and it's expression analysis in Tomato (Solanum lycopersicon) Plants <b>Samikhya Jena</b> Centurion University of Technology and Management, Paralakhemundi, India

Poster Presentation Group-2	
Chair: Poster G2	<ul style="list-style-type: none"> <li><b>Dr. Jitendra K Sundaray</b>, Principal Scientist, ICAR-CIFA, Bhubaneswar, India</li> <li><b>Dr. Bijoy Kumar Sahoo</b>, Dean IAS-SOA University, Bhubaneswar, India</li> </ul>
09:30- 09:40	<b>P12:</b> Genome-wide identification of FAR1 genes and it's expression analysis in Cucumber (Cucumis sativus) Plants <b>Ram Prasad Behera</b> Centurion University of Technology & Management, Paralakhemundi, India
09:40- 09:50	<b>P13:</b> Genome-wide identification of FAR1 genes and it's expression analysis in Spinach (Spinacia oleracea) Plants <b>Santanu Mishra</b> Centurion University of Technology & Management, Paralakhemundi, India
09:50- 10:00	<b>P14:</b> Genome-wide identification of FAR1 genes and it's expression analysis in Chilli (Capsicum annum) Plants <b>Shreya Shree Nayak</b> Centurion University of Technology & Management, Paralakhemundi, India
10:00- 10:10	<b>P15:</b> Genome-wide identification of FHY3 genes and it's expression analysis in Radish (Raphanus sativus) Plants <b>Tanmayee Mohanty</b> Centurion University of Technology & Management, Paralakhemundi, India

10:10- 10:20	<b>P16:</b> Salt tolerance analysis, the role of CYP85A1 gene and its expression studies on Tobacco ( <i>Nicotiana tabacum</i> ) <b>Sanchita Mishra</b> Centurion University of Technology & Management, Paralakhemundi, India
10:20- 10:30	<b>P17:</b> Drought tolerance analysis, role of ZmPYL genes and expression studies on Water melon plant ( <i>Citrullus lanatus</i> ) <b>Ch. Sai Swetha</b> Centurion University of Technology & Management, Paralakhemundi, India
10:30- 10:40	<b>P18:</b> Assessment of adulteration in raw herbal parts of medicinal plants in India by using molecular techniques <b>Raghavendra P</b> Centurion University of Technology & Management, Paralakhemundi, India
10:40- 10:50	<b>P19:</b> Developmental growth analysis of maize ( <i>Zea mays</i> L.) genotypes and expression analysis of transposase genes <b>S. Veera Vishnu</b> Centurion University of Technology & Management, Paralakhemundi, India
10:50- 11:00	<b>P20:</b> The gene Expression studies of ZmPLY and its genome-wide identification in Maize Plants ( <i>Zea mays</i> ) <b>Sanchari Pandit</b> Centurion University of Technology and Management, Paralakhemundi, India
11:00- 11:10	<b>P21:</b> Screening of taro ( <i>Colocasia esculenta</i> Linn.) genotypes for salt tolerance under in-vitro condition <b>Dr. Vijay Bahadur Singh Chauhan</b> ICAR-CTCRI, Bhubaneswar, India
11:10- 11:20	<b>P22:</b> Impact of heat stress on callus regeneration in rice ( <i>Oryza sativa</i> L.) in vitro <b>Nibedita Swain</b> ICAR-NRRI, Cuttack, India

Poster Presentation Group-3	
Chair: Poster G3	<ul style="list-style-type: none"> <li><b>Dr. Samarendra Mahapatra</b>, HOD, Dept of ABM, OUAT, Bhubaneswar, India</li> <li><b>Dr. Nedunchezhiyan M.</b>, Head (I/C), ICAR- CTCRI RC, Bhubaneswar, India</li> </ul>
09:30- 09:40	<b>P23:</b> Molecular biomarker as a tool in assessing reproductive toxicity in fish <b>Ipsita Iswari Das</b> ICAR- CIFA, Bhubaneswar, India
09:40- 09:50	<b>P24:</b> Assessment of Genetic Diversity in Doubled Haploid population derived from indica rice hybrids <b>Byomkesh Dash</b> ICAR- NRRI, Cuttack, India
09:50- 10:00	<b>P25:</b> Molecular marker-based characterization of BLB in the DH population derived from BS6444G <b>Sudhansu Sekhar Bhuyan</b> ICAR- NRRI, Cuttack, India
10:00- 10:10	<b>P26:</b> Cold extremes: Effect on callus growth and regeneration in rice ( <i>Oryza sativa</i> L.) <b>Manjusha Chandravani</b> ICAR- NRRI, Cuttack, India
10:10- 10:20	<b>P27:</b> Establishment of new method for in vitro propagation and cormlet production of <i>Crocus sativus</i> L. <b>Namita Muduli</b> Ravenshaw University, Cuttack, India
10:20- 10:30	<b>P28:</b> Micropropagation and genetic fertility study of <i>Mucuna gigantea</i> (Willd.) DC.-An endangered medicinal plant of Odisha <b>Sanjay Kumar Madkani</b> Ravenshaw University, Cuttack, India
10:30- 10:40	<b>P29:</b> Applying <i>Agrobacterium rhizogenes</i> , for hairy root induction in <i>Vitex negundo</i> , a therapeutic plant. <b>Bhaswatimayee Mahakur</b> Ravenshaw University, Cuttack, India

10:40- 10:50	<b>P30:</b> A report on preliminary phytochemical analysis of <i>Uvaria hamiltonii</i> Hook. f. & Thomson: A valuable medicinal plant <b>Srushti Prajna Mohanty</b> Ravenshaw University, Cuttack, India
10:50- 11:00	<b>P31:</b> Light and nutrient stress induced alteration in PS II photo-function of <i>Petunia atkinsiana</i> <b>Smrutirekha Mishra</b> Ravenshaw University, Cuttack, India
11:00- 11:10	<b>P32:</b> Combined effect of Salinity and Desiccation Stresses on <i>Synechocystics</i> sp. PCC 6803 <b>Barsha Bhushan Swain</b> Ravenshaw University, Cuttack, India

e-Poster Presentation	
Chair: e-Poster	<ul style="list-style-type: none"> <li><b>Dr. Arup Kumar Mukherjee</b>, Principal Scientist, ICAR-NRRI, Cuttack, India</li> <li><b>Dr. Luna Samanta</b>, Professor, Dept. of Zoology, Ravenshaw University, Cuttack, India</li> </ul>
09:30- 09:40	<b>EP1:</b> Studies on biology and morphometry of sorghum shoot bug, <i>Peregrinus maidis</i> (Ashmead) <b>Dharavath Saicharan</b> University of Agricultural Sciences Dharwad, India 
09:40- 09:50	<b>EP2:</b> Performance of pre release medium maturity maize genotypes under varying planting density and nutrient levels <b>A.P. Sivamurugan</b> Tamil Nadu Agricultural University, Coimbatore, India 
09:50- 10:00	<b>EP3:</b> Botanicals against soil-borne fungal pathogens of <i>Capsicum annum</i> L. <b>Himanshu Arora</b> Indian Institute of Technology Delhi, India 
10:00- 10:10	<b>EP4:</b> Evaluation of Nutritional Properties and Health Benefits of Barnyard Millet <b>Revathy K</b> Madras Christian College, India 
10:10- 10:20	<b>EP5:</b> Anthocyanin rich wheat: Food for healthy gut <b>Payal Kapoor</b> National Agri-Food Biotechnology Institute, Mohali, India 
10:20- 10:30	<b>EP6:</b> Surface Water Quality Evaluation & Predictions of Kulik River, West-Bengal <b>Pramod Kumar Jena</b> Raiganj University, West Bengal, India 
10:30- 10:40	<b>EP7:</b> Evaluation of suitable fertigation interval and optimum fertilizer level for subsurface drip irrigated sugarcane under Cauvery command area <b>Ningaraju G. K</b> University of Agricultural Sciences, Bengaluru, Karnataka, India 
10:40- 10:50	<b>EP8:</b> Advances in crop management to boost up the yield in pomegranate <b>Aravind Rathod</b> AEEC, UAS, Raichur, Karnataka, India 
10:50- 11:00	<b>EP9:</b> Survey on anthracnose of chilli <b>Dr. Bindhu K G</b> AEEC, UAS, Raichur, Karnataka, India 
11:00- 11:10	<b>EP10:</b> The Effect of Essential Oil of Black Pepper, Fennel and Turmeric on Growth Performance and Haematological parameters of <i>Gallus gallus</i> <b>Lopamudra Samantaray</b> Centurion University of Technology & Management, Bhubaneswar, India 



# PARALLEL SESSION

Day-2 Mar 07

Place: Annex-2

Young Investigator Forum	
Chairs	<ul style="list-style-type: none"> <li>• <b>Prof. Pradipta Ku. Mohapatra</b>, HOD, Dept. of Botany, Ravenshaw University, Cuttack, India</li> <li>• <b>Dr. Rukmini Mishra</b>, Associate Professor, CUTM, Bhubaneswar, India</li> </ul>
11:30- 11:45	<b>Y1:</b> Endophytic fungus isolated from wild rice species promotes growth of rice crops and showing defense response towards rice diseases such as Sheath blight and Bacterial Leaf Blight <b>Rupalin Jena</b> ICAR- NRRI, Cuttack, India
11:45-12:00	<b>Y2:</b> Evaluating the potential role of plant natural products from Cleome gynandra with urease inhibiting properties on concatenated phenomena of nitrogen utilization -A rhizosphere manipulation strategy. <b>Rajashree Dutta</b> Indian Statistical Institute, Kolkata, India
12:00- 12:15	<b>Y3:</b> Maleic and L-tartaric acids as new anti-sprouting agents for potatoes during storage in comparison to other efficient sprout suppressants <b>Ekta Bhattacharya</b> Indian Statistical Institute, Kolkata, India
12:15- 12:30	<b>Y4:</b> Isolation of Halophilic bacteria from the Agricultural Soils of South 24 Parganas, Indian Sundarbans <b>Sreemoyee Mitra</b> Indian Statistical Institute, Kolkata, India
12:30- 12:45	<b>Y5:</b> Identification and metabolomics characterization of two new post-harvest fungi from Indian Gooseberry <b>Madhurima Dutta</b> Indian Statistical Institute, Kolkata, India
12:45- 13:00	<b>Y6:</b> Haploid doubling in another culture of elite indica rice hybrid CRHR32 <b>Prachitara Rout</b> ICAR- NRRI, Cuttack, India
<b>13:00- 14:00</b>	<b>Lunch &amp; Networking @ Botany Dept. Garden</b>
14:00- 14:15	<b>S1:</b> Machine learning and genome editing for doubling yield and income of rice farmers in Odisha, India <b>Dr. Parameswaran C</b> ICAR- NRRI, Cuttack, India
14:15- 14:30	<b>S2:</b> A novel non-antibiotic-based selection technology to develop the marker-free transgenic plants <b>Dr. Khirod Sahoo</b> Ravenshaw University, Cuttack, India
14:30- 14:45	<b>S3:</b> Pi54 and its ortholog genes: role in the effective management of rice blast disease <b>Dr. Devanna BN</b> ICAR- NRRI, Cuttack, India
14:45- 15:00	<b>S4:</b> TMT-based Proteomics approach reveals key players of pre-implantation and endometrium receptivity during Embryo- Endometrial Epithelial cell Interaction in buffaloes <b>Dr. Shradha Jamwal</b> ICAR-National Dairy Research Institute, Karnal, India
Chairs	<ul style="list-style-type: none"> <li>• <b>Dr. Gyanranjan Mahalik</b>, Associate Prof, CUTM, Bhubaneswar, India</li> <li>• <b>Dr. Sanghamitra Samantray</b>, Principal Scientist, ICAR-NRRI, Cuttack, India</li> </ul>
15:00- 15:15	<b>Y7:</b> A comparative account of seasonal germ cell proliferation and maturation patterns in two types of spawners Labeo rohita (Hamilton, 1822) and Oreochromis niloticus (Linnaeus, 1758) <b>Bibekananda Panda</b> Ravenshaw University, Cuttack, India



15:15- 15:30	<b>Y8:</b> The effect of “Anthocyanin biofortified wheat on gut microbiota and associated implications in mice <b>Payal Kapoor</b> National Agri-Food Biotechnology Institute, Mohali, India 
15:30- 15:45	<b>Y9:</b> Contract Farming and its Welfare Impact Assessment: A Case of Wheat Growers in North India <b>Saroj</b> Shri Mata Vaishno Devi University, Katra, J&K, India 
15:45- 16:00	<b>Y10:</b> Genome Wide Mining of Alleles to Identify Candidate Genes Conferring Folate Content in Rice <b>S. R. Harish Chandar</b> Centurion University of Technology and Management, Paralakhemundi, India
<b>16:00- 16:15</b>	<b>Coffee Break &amp; Networking</b> @ Annex-1 Lobby
16:15- 16:30	<b>Y11:</b> Vigna vexillata: An underutilized tuber crop <b>Srija Priyadarsini</b> SOA University, Bhubaneswar, India
16:30- 16:45	<b>Y12:</b> Physiological and molecular characterisation of sugarcane varietal response to nitrogen deficiency <b>Saktishree Jena</b> Karapaga Vinayaga college of Engineering and Technology, Anna University, Chennai, India 
16: 45- 17:00	<b>Y13:</b> Impact of harmonic Octave Consonants (Classical Musical Notes) on the distinct physiognomic characters and different biochemical aspects in two different plant species viz; Stevia rebaudiana (Bertoni) and Chamaecostus cuspidatus (Nees & Mart.) C. Specht & D.W. Stev. <b>Rageshree Swain</b> Ravenshaw University, Cuttack, India
17:00- 17:15	<b>Y14:</b> Effects of 2G, 3G and 4G mobile phone radiations on germination of seeds and biochemical processes of Vigna radiata and Phaseolus vulgaris <b>Pragyan Rout</b> Ravenshaw University, Cuttack, India
17:15- 17:30	<b>QA Session</b>
<b>17:30- 17:40</b>	<b>Closing Remarks &amp; End of Day-2</b>

# AGENDA

Day-3 Mar 08

Place: Annex-1

09:00- 09:30 Registration	
09:30- 09:40	Opening Ceremony, Candle Lighting Ceremony & Opening Remarks
09:40- 10:00	<b>K1: R &amp;D Strategies for Sustainable Food security and Nutrition</b> <b>Dr. Asna Urooj</b> Professor, University of Mysore, Mysore, India
10:00-10:20	<b>K2: Some conservation concern medicinal plant species identified for Odisha: Propagation by various approaches of tissue culture aiming at sustainability</b> <b>Dr. Soumendra K. Nayak</b> Professor, Department of Botany, Ravenshaw University, India
10:20- 10:40	<b>K3: AgriGenomics – Transform the future of Agriculture</b> <b>Dr. Pushpalatha Ganesh</b> Professor, CUTM, Paralakhemundi, India
10:40- 11:00	<b>K4: Genomic-assisted breeding for enhancing genetic gain in rainfed rice</b> <b>Dr. Sharat Kumar Pradhan</b> Principal Scientist, ICAR-NRRI, Cuttack, India
11:00-11:15	<b>Coffee Break &amp; Group Photo @ Annex-1 Lobby</b>
11:15- 11:35	<b>K5: TBA</b> <b>Prof. S.K. Singh</b> Professor, Banaras Hindu University, Varnasi, India 
11:35-11:55	<b>S1: Bt. cotton transplanting to improve ecosystem services in semi-arid Agro-ecology of South Asia</b> <b>Dr. Sudhir Rajput</b> Professor, Banaras Hindu University, Varanasi, India 
11:55- 12:15	<b>S2: Arrowroot: A starch source rhizomatous crop</b> <b>Dr. M. Nedunchezhiyan</b> Head (I/C), ICAR-CTCRI, Regional Centre, Bhubaneswar, India
<b>Chair</b>	<ul style="list-style-type: none"> <li><b>Dr. Sharat Kumar Pradhan</b>, Principal Scientist, ICAR-NRRI, Cuttack, India</li> <li><b>Dr. Asna Urooj</b>, Professor, University of Mysore, Mysore, India</li> </ul>
12:15- 12:30	<b>Y: A novel report of “Pipericyclobutanamide-A” with strong antimicrobial and allelopathic potential from the stem of Piper chaba, Hunter. - A less known spices</b> <b>Sayani Saha</b> National Institute of Technology, Durgapur, India
12:30- 12:50	<b>S3: Identification of Diagnostic keys for Vigna vexillata (L.) A. Rich.</b> <b>Dr. Ravi Kishore Pamarthi</b> ICAR-National Bureau of Plant Genetic Resources, New Delhi, India
12:50- 13:00	<b>QA Session</b>
13:00- 14:00	<b>Lunch &amp; Networking @ Botany Dept. Garden</b>
14:00- 14:20	<b>S4: Self-Incompatibility studies in Almond cultivars in North-western Himalayas</b> <b>Dr. Susheel Kumar Raina</b> ICAR-NBPGR Regional Station Srinagar, India 
14:20- 14:40	<b>S5: Impact of Spacing and Nitrogen Levels on Yield and Economics of Chia (Sylvia hispanica L.)</b> <b>Dr Dillip Ranjan Sarangi</b> ICAR- NRRI KVK, Cuttack, India
14:40-15:00	<b>S6: Effect of new generation herbicides on weed density, yield attributes and yield of irrigated maize</b> <b>Dr. A.P. Sivamurugan</b> Tamil Nadu Agricultural University, Coimbatore, India 
15:00- 15:20	<b>S7: Evaluation of doubled haploid population for grain morphological traits</b> <b>Dr. Reshmi Raj K.R.</b> ICAR-NRRI, Cuttack, India

15:20-15:30	<b>QA Session</b>	
15:30- 16:00	Special Session: <b>Dr Mrutyunjay Mohapatra</b> Director General of Meteorology, India Meteorological Department, Government of India	
16:00- 16:15	<b>Coffee Break &amp; Networking</b>	<b>@ Annex-1 Lobby</b>

### PARALLEL SESSION

**Day-3 Mar 08**

**Place: Annex-2**

<b>Farmers and Industry Expert Interactions</b>		
10:00-10:30	<b>Success Story:</b> Integrated Farming and Rural Economy Development <b>Mr. Sudhanshu Ranjan</b> Founder, The Farm Enterprise, Cuttack, India	
10:30- 11:00	<b>Success Story:</b> Banana Cultivation by drip irrigation, Tissue culture Technology and Integrated Nutrition Management <b>Mr. Dhirendrakumar Bhanubhai Desai</b> Bharuch, Gujrat, India	
11:00- 11:30	<b>Success Story:</b> Integrated farming, Horticulture, Floriculture and cash crops: Experience sharing <b>Mr. Jyoti Prakash Mohanty</b> Mallipur, Cuttack, India	
11:30- 12:00	<b>Success Story:</b> Integrated fish & pearl farming: A practical experience sharing <b>Mr. Manoj Kumar Bisoi</b> Samantarapur, Cuttack, India	
12:00- 12:45	<b>QA round and Discussions</b>	
12:45- 14:00	<b>Stall Visit &amp; Lunch</b>	<b>@ Botany Dept. Garden</b>
14:00- 16:00	<b>Session: Panel discussion and special session by Industry/ Academic experts</b>	
	<ul style="list-style-type: none"> <li>• APEDA</li> <li>• ICARDA</li> <li>• Department of Biotechnology, Govt of India</li> <li>• National Medicinal Plant Board</li> <li>• Coconut Development Board</li> <li>• CTCRI</li> <li>• CIWA</li> <li>• KRIBHCO</li> <li>• Central Horticulture Experimental Station</li> <li>• CIFA</li> </ul>	<ul style="list-style-type: none"> <li>• CIBA</li> <li>• NBPGR</li> <li>• NRRI</li> <li>• Coffee Board</li> <li>• Ruchi Food line</li> <li>• Directorate of Animal Husbandry, and Veterinary Service</li> <li>• Directorate of Fisheries</li> <li>• OMFED</li> <li>• Central Bank of India</li> <li>• Ruchi Food Line</li> </ul>
16:00- 16:15	<b>Coffee Break &amp; Networking</b>	<b>@ Annex-1 Lobby</b>
16:15- 16:30	<b>Closing Remark, Felicitation and end of the Conference</b>	



Virtual Presentation



Zoom Meeting link will be shared one day prior to the Conference.



#### Abbreviation

- K: Keynote Speaker
- S: Speaker (Oral)
- SP: Sponsored Slot
- P: Poster
- EP: e-Poster
- Y: Young Investigator

## Awards @ Agri Vision-2022

### Dr. Sabuj Sahoo Memorial Lifetime Achievement Award

- **Dr. Joykrushna Jena**, DDG (Fisheries), ICAR, New Delhi
- **Prof. B. C. Tripathy**, Professor, JNU, New Delhi
- **Dr. Ashok Kumar**, Director, ICAR-NBPGR, New Delhi

### Krushak Bandhu Awards

- **Mr. Dhirendrakumar Bhanubhai Desai**, Bharuch, Gujrat
- **Mr. Jyoti Prakash Mohanty**, Mallipur, Cuttack
- **Mr. Manoj Kumar Bisoi**, Samantarapur, Cuttack

### The Goal Setter Award

- **Ms. Deepak Fertilisers and Petrochemicals Corporation Ltd.**

### The Business Innovator Award

- **Dr. Sarat Kumar Sahoo**, Managing Director, Ruchi Foodline Limited