

International Conference on Frontiers in Tobacco and Commercial Agriculture towards Preparedness for Future Farming

14 -16 December, 2023

Venue: Adikavi Nannaya University, Rajamahendravaram

Day-1:

December 14, 2023 (Thursday)

Registration: 08:30 AM – 09:15 AM

Inauguration		
Chief guest	Dr. S. K. Singh , Director, ICAR-IIHR, Bengaluru.	
09:15 - 09:25 AM	Receiving Dignitaries on Dias	Dr. M Sheshu Madhav Director, ICAR-CTRI
09:25 - 09:30 AM	ICAR Song	
09:30 - 09:40 AM	Lightening Lamp	
09:40 - 10: 00AM	Welcome and Introduction of Conference Theme	Dr. M Sheshu Madhav Director, ICAR-CTRI
10:00 - 11:10 AM	Address by Guests of Honour	
	Dr. Tolety Janakiram Vice-Chancellor , Dr.Y.S.R. Horticultural University	
	Prof. K. Padma Raju Vice-Chancellor , Adikavi Nannaya University	
	Dr. Sridhar Babu Addanki, I.A.S Executive Director , Tobacco Board	
	Dr. R. Dinesh Director , ICAR-IISR.	
	Sri G. Krishna Kumar, Vice-President , ISTS & Vice President (Leaf Operations), ITC Ltd.	
	Dr. Shaik N. Meera Director , ATARI, Hyderabad.	
	Sri H.N. Ramprasad, CEO , ITC Limited	
	Sri Polisetty Shyam Sundar Messrs. PSS Tobacco Packers & Exporters	
	Sri. Maddi Venkateswara Rao, President , ITA	
	Shri. Silveria Leandro, AOI	
	Sri M Prabhakar Rao, General Manager , GPI Ltd.,	
11:10 - 11:20 AM	Release of Publications	
11:20 - 11:30AM	Inaugural address by Chief Guest	
11:30 - 11:35 AM	Vote of Thanks	
11:35 – 11:50 AM	Tea-Break	

Theme I: Genetics and Genomic Strategies for Enhancing Commercial Value (Hall-I : NTR Convention Hall)		
Plenary Lectures		
	Chairman	Dr. S K Singh, Director , ICAR-IIHR
	Co-Chairman	Prof. K. Padma Raju, VC , AKNU/ Dr. Tolety Janakiram, VC , Dr.YSRHU / Dr. Sridhar Babu Addanki, I.A.S, ED , TB
	Rapporteur	Dr. S. Kasturi Krishna, PS , ICAR-CTRI
11:50 AM-12:15 PM	Dr. G R Chintala Ex-Chairman , NABARD	Transforming to Tech enabled High Value Agriculture – New Paradigm to Profitability and Ecological Security
12:15 – 12:40 PM	Dr. Sheshu Madhav, Director , ICAR-CTRI	CTRI A catalyst for transforming tobacco and other commercial crops ready for Future Farming
12:40 – 01:05 PM	Mr. G Krishna Kumar, Vice-President(LO) , ITC Ltd.	Climate Change and Sustainable Tobacco Crop Production
01:05 - 01:20 PM	Discussion	
01:20 - 02:20 PM	Lunch	
	Session-I : Genetics and Genomic Strategies for Enhancing Commercial Value	
	Chairman	Dr. Tolety Janakiram, VC , Dr.YSRHU
	Co-Chairman	Dr. M Sheshu Madhav, Director , ICAR-CTRI/ Dr. Renu, PS (CC), ICAR/ Prof. G. Sudhakar, Registrar , AKNU
	Rapporteur	Dr. C. Nanda, SS , ICAR-CTRI
Lead Lectures		
02: 20 - 02:40 PM	Dr. P. Ananda Kumar, Former Director , National Institute of Plant Biotechnology, New Delhi	Biotechnological breakthroughs in commercial crops enabling future farming
02:40 - 03:00 PM	Dr. R. Dinesh Director , ICAR-IISR, Kozhikode	New vistas in turmeric for commercial exploitation
03:00 - 03:20 PM	Dr. Madhavi Reddy Principal Scientist , Div. of Vegetable Crops, ICAR-IIHR, Bengaluru.	Chilli crop improvement for enhancing commercial value
03:20 – 03:35 PM	Discussion	
03:35 – 04:00 PM	Tea Break	
04:00 - 05:00 PM	Lightning Oral Talks 1. Dr. Sarala K, ICAR - CTRI 2. Dr. Nagaraja Reddy, ICAR - DMAPR 3. Dr. Prabhakar Rao, ICAR - CTRI 4. Dr Indivar Prasad, IIVR 5. Dr. Veerendra Kumar Verma, ICAR RC for NEH Region	
05:00 - 06:30 PM	Panel Discussion on “ Invigorating Indian Tobacco as Global Giant: Problems and Prospects ”	
	Chairman	Shri Yashwanth Kumar Chidipothu, Chairman , Tobacco Board
	Co-Chairman	Dr. Sridhar Babu Addanki, I.A.S, ED , Tobacco Board
	Rapporteur	Dr. Sarala K, Head, Crop Improvement , ICAR-CTRI.
06:30 - 07:30 PM	Poster Session	
07:30 - 08:30 PM	Cultural Programmes	
08:30 PM onwards	Dinner	
End of Day-1		

Day-2: December 15, 2023 (Friday)

Theme II: New vistas in crop management for resilient commercial agriculture (Hall-I)

Theme II: New vistas in crop management for resilient commercial agriculture (Hall-I)		
	Hall-I : NTR Convention Hall	
	Plenary Lectures (Theme II & Theme III)	
	Chairman	Dr. Pothula Srinivasa Brahmanand Project Director , Water Technology Center, New Delhi/
	Co-Chairman	Dr. D. Damodar Reddy, PS , NAARM
	Rapporteur	Dr. K. Rajasekhar Rao, Head-Crop Management , ICAR-CTRI
09:00 – 09:30 AM	Shri. Silveria leandro Asia Regional Agronomy Director , Alliance One International, Thailand	ESG: AOI Approach & Possible Impacts on Tobacco Supply Chain
09:30 – 10.00 AM	Dr. P V Vara Prasad Director , Sustainable Intensification Innovation Lab Kansas State University, USA	Sustainable Agricultural intensification for Subsistence and commercial farming
10:00 – 10:30 AM	Dr. Vijaya Gopal Kakani (Online) Chair and Professor , Agronomy Department, University of Florida,USA	Trends in Crop Management for Sustainable Farming and Future
10:30 – 10:45 AM	Discussion	
10:45 – 11:30 AM	Tea Break	
(Hall-I : NTR Convention Hall)		
Session-II: New vistas in crop management for resilient commercial agriculture		
	Chairman	Dr. P V Vara Prasad, Director , SII Lab, KSU, USA
	Co-Chairman	Dr.Silveria leandro Asia Regional Agronomy Director , Alliance One International, Thailand
	Rapporteur	Dr. S. Ramakrishna, PS, ICAR-CTRI
Lead Lectures		
11:30 – 12:00 AM	Dr. Michael J Stout (Online) Professor & Department Head , Entomology Department, LSU	Opportunities and Challenges related to the use of Plant Resistance in IPM
12:00 – 12:25 PM	Dr. P. Srinivasa Brahmanand Project Director , Water Technology Center, New Delhi.	Sustainable water management technologies for enhancing productivity of commercial crops.
12:25 – 12:50 PM	Dr. J. Krishna Prasadji Professor of Plant Pathology (Retd.) & Former Dean of Agriculture , ANGRAU	Exploring and Exploiting Curcuma spp. for Ensuring Quality and Enhancing Trade of turmeric
12:50 – 01:00 PM	Discussion	
01:00 - 02.00 PM	Lunch	
02.00– 02.30 PM	Dr. Monoranjan Mohanty (Online) Adviser/Scientist 'G' , Office of Principal Scientific Adviser to the Government of India	Towards Sustainable Agriculture: Carbon Sequestration and Effective Policy Implementation.
02.30 - 03.00 PM	Dr. H S Gaur (Online) Ex-Vice Chancellor , SVPUAT, Meerut & Distinguished Professor, Galgotias University, Greater Noida.	Nematodes as Reliable and Convenient Bioindicators of Regional and Global Climate Change and Relevance to Agriculture
03.00 - 04.00 PM	Lightning Oral Talks Dr. Kasturi Krishna, ICAR-CTRI Dr. Naresh, ICAR- IIHR Dr. K Padmasree, University of Hyderabad Dr.J. Poorna Bindu, ICAR-CTRI	
04.00 - 04.30 PM	Tea Break	
04.30 - 06.00 PM	Panel Discussion on Turmeric and chilli	
	Chairman	Dr. R. Dinesh, Director , ICAR-IISR
	Co-Chairman	Prof. T. K. Behera, Director , ICAR-IIVR
	Rapporteur	Dr. Partha Saha, SS , ICAR-CTRI
06.00 - 07:00 PM	Poster Session	
07:00 PM onwards	Dinner	

(Hall-II : Conference Hall)		
Session-III: New perspectives in post-harvest technology and value addition		
	Chairman	Dr. T K Behera, Director, ICAR-IIVR
	Co-Chairman	Dr. R Dinesh, Director , ICAR-IISR / Dr. C V Narasimha Rao, Retd.PS, ICAR-CTRI
	Rapporteur	K Suman Kalyani, PS, ICAR-CTRI/ Dr. Namita Das Saha, SS, ICAR-CTRI
Lead Lecture		
11:30 – 11:50 AM	Dr EVS Prakasa Rao Former head , CSIR-Central Institute of Medicinal and Aromatic Plants, Research Centre, Bengaluru	Medicinal and Aromatic Crops for Diversification of Commercial Agriculture
11:50 – 12:10 PM	Dr. CH.V.V Satyananayana Professor and Head , Food Process Engineering, Dr. NTR College of Food Science and Technology, ANGRAU	Futuristic processing technologies in value addition to high value commercial crops alternate to Tobacco
12:10 – 12:30 PM	Prof. Bhim Pratap Singh Professor & Associate Dean (Student Welfare) NIFTEM, Haryana	Post Harvest Interventions and Value Addition in Turmeric
12:30 – 12:50 PM	Dr. T. E. Sheeja, Head & Principal Scientist, Div. of Crop Improvement & Bio-Tech, ICAR-IISR, Kozhikode	Variety Licensing and Facilitating Business Opportunities in Turmeric
12:50 – 01:00 PM	Discussion	
01:00 – 02:00 PM	Lunch	
02:00 – 02:30 PM	Dr. Kaushik Banerjee (Online) Director , ICAR-National Research Centre for Grapes, Pune	Mass Spectrometry Based Authentication and Safety Evaluation of Agro Products
02:30 – 03:00 PM	Dr. I. Srinivas Principal Scientist (Farm Machinery Power) & OIC, HRF ICAR-CRIDA, Hyderabad	Appropriate Mechanization and value addition options for Tobacco and other commercial crops for enhanced productivity and profitability
03:00 – 04:10 PM	Lightning Oral Talks 1. Dr Stella Agyemang Duah , Research Scientist, Biotechnology & Nuclear Agriculture Research Institute- GAEC, Ghana (Online) 2. Dr. Rohan Sarkar, ICAR-DMAPR 3. Dr. Sadvatha R.H., ICAR-CIAE 4. Ms.Adrita Dam, PhD Research Scholar, ICAR-IARI 5. Dr.B. Jagan Mohan Reddy, Adikavi Nannaya University 6. Dr. K. V. Satyanarayana, Former Research Scholar, ICAR-CTRI 7. Sri. Praveen Kumar P, ITC Ltd	
04:10 – 04:30 PM	Tea Break	
04.30 - 06.00 PM	(Hall-I : NTR Convention Hall) Panel Discussion on Turmeric and chilli	
	Chairman	Dr. R Dinesh, Director , ICAR-IISR
	Co-Chairman	Prof. T. K. Behera, Director , ICAR-IIVR
	Rapporteur	Dr. Partha Saha, SS , ICAR-CTRI
06.00 – 07.00 PM	Poster Session	
07.00 PM Onwards	Dinner	

Day-3: December 16, 2023 (Saturday)

Theme IV: Next generation technologies for information dissemination and digital agriculture

Hall-I : NTR Convention Hall

Plenary Lectures (Theme IV & Theme V)

	Chairman	Prof. K. Padma Raju, VC , AKNU
	Co-Chairman	Dr. M Sheshu Madhav, Director , ICAR-CTRI
	Rapporteur	Dr. Y Subaiah, PS , ICAR-CTRI
09:00 – 09:30 AM	Dr. Neeraja Prabhakar Vice-Chancellor , Sri Konda Laxman Telangana State Horticultural University	New perspectives in chilli and turmeric cultivation for sustainable farming
09:30 – 10:00 AM	Dr. Anil Rai (Online) Assistant Director General (ICT) , ICAR, New Delhi.	
10:00 – 10:15 AM	Discussion	

Hall-I : NTR Convention Hall

Session-IV :Next generation technologies for information dissemination and digital agriculture

	Chairman	Dr. Neeraja Prabhakar, VC , SKLTSHU
	Co-Chairman	Prof. V Persis, AKNU
	Rapporteur	Dr. H. Ravisankar, PS , ICAR-CTRI/ Dr. Y. Subaiah, PS , ICAR-CTRI

Lead Lectures

10:30 – 10:55AM	Prof.P.Venkata Suresh Director , School of Computer and Information Sciences, Indira Gandhi National Open University, New Delhi	Role of Artificial Intelligence in Agriculture
10:55 – 11:10AM	Tea Break	
11:10 – 11:40 AM	Dr. Sivaprasad Kumpatla (Online) Advisor , Ag-Data Science, Karyosoft Inc., USA & Adjunct Associate Professor , Data Science & Bioinformatics, IUPUI, USA	Digital Technologies in Agriculture: Driving a Paradigm Shift
11:40 AM –12:05 PM	Dr. Murali Krishna Professor , NIFTEM	Exploration of Nanotechnology in Agro ecosystems and Rapid Sensor Development
12:05 – 12:30 PM	Dr. G. D. Satish Kumar Principal Scientist , ICAR-IIOR, Hyderabad	Role of FPOs in developing sustainable enterprises in Agriculture
12:30 – 01:00 PM	Dr. Sachin Suresh Suroshe (Online) Pr. Scientist & Project coordinator , AICRP on Honey bees and pollinators, Div. of Entomology, ICAR-IARI, New Delhi.	Ecological Importance of Pollinators and their conservation

01:00 – 02:00 PM

Lunch

02:00 – 03:00 PM

Lightning Oral Talks

1. Dr. H. Ravi Sankar
2. Shri. P.Prashanthi, GPI Ltd.
3. Shri. M. Rajababu, Aditya Engg. College
4. Shri. Sreedhar Reddy K, ITC

03:00 – 04:00 PM

Panel Discussion on **Ashwaghandha, Castor, Mechanisation,**

	Chairman	Dr.R.K.Mathur, Director , ICAR-IIOR
	Co-Chairman	Dr. M. Sheshu Madhav, Director , ICAR-CTRI
	Rapporteur	Dr. P. Manivel, PS , ICAR-CTRI

04:00 – 04:15 PM

Tea Break

04:15 – 05:15 PM

Poster Session

05:15 – 06:15 PM

Plenary Session

(Hall-II : Conference Hall) Session-v : Innovative market interventions for commercial agriculture		
	Chairman	Dr.R.K.Mathur, Director , ICAR-IIOR
	Co-Chairman	Dr. M. Sheshu Madhav, Director , ICAR-CTRI
	Rapporteur	Mr. K. Viswanatha Reddy, Scientist , ICAR-CTRI
	Lead Lectures	
10:30 – 10:55AM	Dr. Raghunath Reddy Principal Scientist (Ag. Economics) & Head of the Centre , CARP. ANGRAU, RARS, Lam, Guntur	Market Intelligence and Value chain for commercial Farming
10:55- 11:15AM	Tea Break	
11:15 – 11:45 AM	Dr. Raka saxena(Online) Head , Div. of Technology policy and sustainability, ICAR-NIAP, New Delhi	Market Intelligence for Commercial Crops
11:45 – 12:15 PM	Dr. Sendhil Ramadas Associate Professor , Pondicherry University (A Central University) Kalapet, Puduchery	Revolutionizing Agricultural Markets and Trade for Commercial Crops: Exploring the Potential and Impact of Block chain Technology
12:15 – 12:45 PM	Smt. Nitasha Doger Scientist 'D' , BIS, New Delhi	Necessity of ISO Standards on Tobacco
12:45 – 01:00 PM	Discussion	
01:00 – 02:00 PM	Lunch	
02:00 – 03:00 PM	Lightning Oral Talks 1. Shri. K. Viswanatha Reddy 2. Ms. E. Devi Prasanna , Research Scholar, ANGRAU 3. Ms.Seema Arya, Research Scholar, IARI 4. Ms.B. Pavithra, Research Scholar, IARI 5. Ms.K. J. V. K. Sirisha, Research Scholar, ANGRAU	
03:00 – 04:00 PM	(Hall-I : NTR Convention Hall) Panel Discussion on Ashwaghanda, Castor, Mechanisation,	
04:00 – 04:15 PM	Chairman	Dr.R.K.Mathur, Director, ICAR-IIOR
	Co-Chairman	Dr. M. Sheshu Madhav, Director, ICAR-CTRI
	Rapporteur	Dr. P. Manivel, PS, ICAR-CTRI
04:00 – 04:15 PM	Tea Break	
04:15 – 05:15 PM	Poster Session	
05:15 – 06:15 PM	Plenary Session	

Student Hackathon on 14 December, 2023 at 2:30 PM (Hall-II : Conference Hall) “Reorientation of Science & Technology for future farming”	
Chairman:	Dr. H. Ravi Sankar
Co- Chairman:	Dr. J. P. Bindu
Convenor:	Dr. B. Hema,