



Program as on 13 February 2024

16th February 2024: Day 1

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| 0900 – 1000 hrs | Registration | |
| 1000 – 1005 hrs | Welcome Address | Mr C Shekar Reddy Chairman, CII Telangana & CMD, CSR Estates Ltd. |
| 1005 – 1010 hrs | Context Setting | Dr V Praveen Rao Chairman, Steering Committee of CII AgriTech South 2024 & Former Vice Chancellor – Prof. Jayashankar Telangana State Agricultural University (PJTSAU) |
| 1010 – 1015 hrs | Theme Address | Mr Anil Kumar V Epur Past Chairman, CII Southern Region |
| 1015 – 1025 hrs | Special Address | Mr M Raghunandan Rao, IAS., APC & Secretary to Govt. (Agriculture Cooperation Dept.) Government of Telangana |
| 1025 – 1030 hrs | Special Address | Mr T R Kesavan Group President, TAFE Ltd |
| 1030 – 1035 hrs | Special Address | Mr Vinay M Tonse * Managing Director – Retail Banking & Operations State Bank of India |
| 1035 – 1045 hrs | Special Address | Dr Ronnie Coffman , International Professor (Emeritus), Plant Breeding & Genetics, School of Integrative Plant Science, College of Agriculture and Life Sciences, Cornell University, USA |
| 1045 – 1100 hrs | Address by Guests of Honour | Mr Nalamada Uttam Kumar Reddy* Hon'ble Minister for Irrigation & CAD, Food & Civil Supplies, Government of Telangana |
| 1100 – 1115 hrs | | Mr T Nageshwara Rao Honourable Minister for Agriculture, Marketing, Cooperation, Handlooms & Textiles, Government of Telangana |
| 1115 – 1135 hrs | Inaugural Address by Chief Guest | Mr A Revanth Reddy Hon'ble Chief Minister, Government of Telangana |
| 1135 – 1140 hrs | Closing Remarks | Mr C Shekar Reddy Chairman, CII Telangana & CMD, CSR Estates Ltd. |
| 1140 – 1200 hrs | Inauguration of Agri Tech South 2024 Exhibition | |
| 1200 – 1215 hrs | Tea / Coffee Break | |

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| 1215 – 1315 hrs | Keynote Address by Prof. Ginige Athula, Professor – Computing & ICT, Western Sydney University Topic: Harnessing Digital Technologies in Agriculture & Allied Sectors | |
| 1315 – 1415 hrs | Networking Lunch | |
| 1415 – 1530: Parallel Sessions | | |
| Hall 1: Main Auditorium | Seminar Hall – 1 | Seminar Hall – 2 |
| <p>Regenerative Agriculture for Social, Economic and Environmental Sustainability: <i>Regenerative agriculture is a promising solution in sustainable practices, prioritizing soil, ecosystems, and communities' well-being. It aims to actively regenerate natural capital for food production, going beyond mere sustainability. This holistic farming approach fosters soil health and is a beacon of hope in the ever-changing landscape of sustainable practices.</i></p> <p><i>This session will explore practical applications, challenges, and successes, aiming to shape a sustainable and prosperous future for agriculture in the 21st century.</i></p> | <p>Animal Husbandry & Fisheries Sector: Challenges & Opportunities: <i>India's animal husbandry and fisheries sectors are crucial for food security, livelihoods, and economic growth. Challenges like underfeeding hinder their potential. India ranks third globally in fish production, with an annual growth rate of 7%. The livestock sector grew at 7.93% annually from 2014-15 to 2020-21, contributing significantly to the agriculture sector.</i></p> <p><i>This session will explore challenges and opportunities in these sectors, focusing on sustainable practices and technological advancements for growth and resilience.</i></p> | <p>Indian Poultry Sector: Challenges & Opportunities: <i>The Indian poultry sector has experienced remarkable growth, becoming the fifth largest producer globally and the world's second-largest egg producer. With a total poultry population of 851.81 million and an egg production of 129.60 billion in 2021-22, the industry has evolved from conventional to commercial farming practices. Per capita egg availability is around 95 eggs annually, showing a growth rate of 6.19%.</i></p> <p><i>This Session will explore the challenges and opportunities in the Indian poultry industry, aiming for sustainable and prosperous growth.</i></p> |
| <p>Chair: Dr K R K Reddy CEO & Director, Sri Bio Aesthetics Pvt.Ltd</p> <p>Co-Chair: Mr S Rajshekhar Reddy Managing Director, Sresta Natural Products Pvt. Ltd.</p> <p>Keynote Speaker: Dr K R K Reddy CEO & Director, Sri Bio Aesthetics Pvt. Ltd</p> <p>Lead Speaker 1: Dr John Peter CMD, Varsha Bioscience and Technology Private Limited</p> <p>Lead Speaker 2: Ms P Sudha Reddy Managing Director, KN Biosciences India Pvt. Ltd.</p> | <p>Chair: Dr V Rangaiah Convenor, CII Telangana Agri & Food Processing Panel & CEO, Indigene Protein Foods Pvt. Ltd.</p> <p>Keynote Speaker: Dr V. Ravinder Reddy Former Vice Chancellor, PVNR Telangana Veterinary University</p> <p>Lead Speaker 1: Dr P E Vijay Anand Senior Lead, Soy Excellence Center (Global), U.S. Soy Export Council</p> <p>Lead Speaker 2: Mr. Chandru S Patil Senior Manager, ITC Ltd.</p> | <p>Chair: Mr Suresh Chitturi Co-Chair, CII, National Committee on Animal Husbandry & Dairy and MD, Srinivasa Farms Pvt. Ltd.</p> <p>Keynote Speaker: Mr O.P. Singh Managing Director, Huve Pharma SEA (Pune) Pvt Ltd.</p> <p>Panel Discussion Panellist 1: Dr Shyamsunder Paul Principal Scientist, ICAR-Directorate of Poultry Research, Hyderabad</p> <p>Panellist 2: Dr Mahesh Subhash Patlapati Director, Centre of Excellence for Animal Husbandry & Joint Commissioner, GOI</p> <p>Panellist 3: Mr S Venu Gopal Managing Director, Vital Therapeutics & Formulations Pvt. Ltd.</p> |
| 1530-1545 Hrs: Tea/Coffee Break | | |

1545 – 1700 hrs: Panel Discussion: Role of FPOs in Agriculture Development

Moderator: Mr Chintala Govinda Rajulu, Ex-Chairman, NABARD

Panellists:

- 1) **Mr Vilas Shinde**, Chairman and Managing Director, Sahayadri Farms*
- 2) **Mr A. Praveen Reddy**, Mulkanoor Cooperative Society, Husnabad
- 3) **Mr C.S. Reddy**, Andhra Pradesh Mahila Abhivruddhi Society (APMAS)
- 4) **Mr N. Narsimha Reddy**, Kattangur Farmer Producer Company
- 5) **Mr Ramprasad Reddy**, Narinja Rythumitra Farmer Producer Company
- 6) **Mr Tapan Sahoo**, DGM, NABARD – Telangana Regional office

1900– 2000 hrs: Dinner Time Keynote Address

Dr Ronnie Coffman, International Professor (Emeritus), Plant Breeding & Genetics, School of Integrative Plant Science, College of Agriculture and Life Sciences, Cornell University, USA

Topic: Climate Change Continues – Adaptation Investments Are Essential

2000 hrs onwards: Cocktail Networking Dinner (only by invitation)

17th February 2024: Day 2

1000 – 1115: Parallel Sessions

| Hall 1: Main Auditorium | Seminar Hall – 1 | Seminar Hall – 2 |
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| <p>Specialty Crops (Oil Palm)</p> <p><i>Oil palm is a highly productive crop globally, contributing significantly to vegetable oils. In India, the National Mission on Edible Oils - Oil Palm (NMEO-OP) facilitates oil palm plantations through a tri-party agreement involving the Government Horticulture Department, private players, and supporting farmers. Districts or groups of Mandals serve as catchment areas for processing Fresh Fruit Bunches into Crude Palm Oil (CPO) and refined Palm Oil, along with profitable by-products.</i></p> <p><i>This session will explore oil palm cultivation's intricacies, historical journey, and its role in modern agriculture.</i></p> | <p>Managing Water and Fertilizer for Sustainable Intensification</p> <p><i>Global food security requires increasing production while minimizing environmental impact. Sustainable intensification achieves this by boosting yields without harming natural resources. Technology optimizes water and fertilizer usage, reducing waste and labor costs. Water-soluble fertilizers simplify farming through fertigation, enhancing irrigation operations and simplifying farming tasks.</i></p> <p><i>This session will explore water and fertilizer management strategies for sustainable intensification, focusing on agricultural productivity and environmental sustainability.</i></p> | <p>Climate Change Mitigation and Adaptation in Agriculture</p> <p><i>Agriculture is at the forefront of climate change, facing rising temperatures, altered precipitation patterns, and extreme weather. These challenges endanger food security, livelihoods, and ecosystems globally. Yet, agriculture also presents an opportunity to mitigate and adapt to climate change. Technological advancements can transform practices and enhance resilience. Introducing drought-resistant crops and mixed farming can partially mitigate risks, particularly in countries like India, where challenges include expanding habitation and competing land use.</i></p> |

Chair: Dr. P Rethinam
Former Director, IOPR (NRC For Oil Palm) &
Founder President, SOPOPRAD

Co-Chair: Mr L Venkatram Reddy
Ex Director
Horticulture Dept.
Government of Telangana

Keynote Speaker: Mr K Ashok Reddy, IAS
Director of Horticulture
Govt. of Telangana

Scientists/Experts:

Dr A Bhagwan
Registrar, SKLTSHU
Dr. R.K. Mathur,
Director, IIOR, Rajendranagar
Dr. K. Suresh
Director, IOPR, Pedavegi
Dr. M. Narayan Rao
Oil Palm Expert

Industry Representatives:

Mr V Satyanarayana*
CEO
Pre-Unique (I) Pvt. Ltd.
Mr Sougati Niyogi*
CEO
Godrej Agrovet Ltd.
Mr M Surender Reddy*
MD, TS OILFED,

Horticulture Dept

Address:

Dr. B. Narsimha Rao*
Agronomic Consultant (Oil Palm)
Ms. V Sarojani Devi
DDH (Oil Palm)

Chair: Dr V Praveen Rao
Chairman, Steering Committee of CII
AgriTech South 2024 & Former Vice
Chancellor – Prof. Jayashankar Telangana
State Agricultural University (PJ TSAU)

Co-Chair: Dr P Raghu Ram Reddy
Director of Research
Prof. Jayashankar Telangana State
Agricultural University (PJ TSAU)

**Keynote Speaker: Dr. P Srinivasa
Brahmanand**
Project Director, Water Technology Centre,
ICAR-IARI

Lead Speaker 1: Mr G V Subba Reddy
Vice President
Coromandel International Ltd.

Lead Speaker 2: Dr. Jeyabal Appavu
Head- Technical
Fertis India Pvt. Ltd.

Chair: Mr Rahul Gouraha
Vice President, ITC Ltd

Co-Chair: Dr M. Venkata Ramana
Registrar
Prof. Jayashankar Telangana State Agricultural
University (PJ TSAU)

**Keynote Speaker:
Mr Rahul Gouraha**
Vice President, ITC Ltd

Lead Speaker 1: Dr. M. Prabhakar
Principal Investigator
National Innovations on Climate Resilient Agriculture
(NICRA)

Lead Speaker 2: Dr Mamta Sharma
Principal Scientist II – Precision Phenotyping
International Crops Research Institute for the Semi-Arid
Tropics (ICRISAT)

Lead Speaker 3: Mr Niroj Mohanty
Managing Director
Core CarbonX Sols Pvt. Ltd.

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| <p><u>Micro irrigation Companies</u></p> <p>A. Subba Rao* Netafim Agronomist</p> | | |
| 1115 – 1130 hrs: Tea Break | | |
| 1130 – 1230 hrs: Concurrent Session – II | | |
| Hall 1: Main Auditorium | Seminar Hall – 1 | Seminar Hall – 2 |
| <p>Emerging Technologies in Agriculture:</p> <p><i>Specialty crops are essential for economic growth and dietary diversity. Emerging technologies, like precision agriculture and genetic engineering, enhance productivity and sustainability in this sector. These advancements address challenges such as labour shortages and environmental pressures, enabling farmers to optimize yields and meet growing demand.</i></p> <p><i>This session will delve into the imperative of addressing climate change challenges within the agricultural landscape through emerging technologies.</i></p> | <p>Agricultural Mechanization for Small Holders:</p> <p><i>Farm mechanization for smallholders remains a challenge without cooperative farming and community services. Innovations in lightweight, low-cost equipment offer solutions, along with widespread promotion and financial assistance from banks.</i></p> <p><i>This session will explore how mechanization empowers smallholder farmers, enhancing productivity and efficiency while reducing labour-intensive tasks.</i></p> | <p>Sustainable Horticulture for Nutritional Security:</p> <p><i>A growing global population, climate change, and resource scarcity challenge food security. Sustainable horticulture, focusing on fruits, vegetables, and flowers, can address these challenges. Technology enhances productivity and resilience in horticulture, increasing access to nutritious food. Cross-border trade can stabilize prices.</i></p> <p><i>This session will explore sustainable horticultural practices to promote biodiversity, reduce environmental impact, and enhance nutritional outcomes for a more secure food system.</i></p> |
| <p>Chair: Prof. P Krishna Reddy, Professor, IIIT Hyderabad</p> <p>Co-Chair:</p> <p>Keynote Speaker: Mr Utsav Mishra Associate Director, Ernst & Young</p> <p>Lead Speaker 1: Mr Srinivas Kasulla Director, Arka Brenstech Pvt. Ltd.</p> <p>Lead Speaker 2: Dr. V Anitha Director, Planning & Monitoring Prof. Jayashankar Telangana State Agricultural University (PJ TSAU)</p> <p>Lead Speaker 3: Dr G Markandeya CMD, ATGC Biotech Pvt. Ltd.</p> | <p>Chair: Dr C.R. Mehta Director, ICAR-Central Institute of Agricultural Engineering, Bhopal</p> <p>Co-Chair: Mr Mitul Panchal Director, AGROTIS & President, Agricultural Machinery Manufacturers Association, India</p> <p>Keynote Speaker: Dr C.R. Mehta Director, ICAR-Central Institute of Agricultural Engineering, Bhopal</p> <p>Lead Speaker 1: Mr. Mitul Panchal Director, AGROTIS & President, AMMA, India</p> <p>Lead Speaker 2: Dr S Pazhanivelan Professor, Tamil Nadu Agricultural University</p> | <p>Chair: Dr B Neeraja Prabhakar Vice Chancellor, Sri Konda Laxman Telangana State Horticultural University (SKLTSHU)</p> <p>Co-Chair: Dr S B Dandin Former Vice Chancellor, University of Horticultural Sciences, Bagalkot</p> <p>Keynote Speaker: Dr. S B Dandin Former Vice Chancellor, University of Horticultural Sciences, Bagalkot</p> <p>Lead Speaker 1: Dr. M. Srinivas Rao Director, Deccan Exotics FPO</p> <p>Lead Speaker 2: Dr. A Bhagwan Registrar, Sri Konda Laxman Telangana State Horticultural University (SKLTSHU)</p> |

1230 – 1330 hrs: Panel Discussion

Topic: The Triad of Agritech Success: Balancing Investments, Industry Integration, and Research Innovations for Resilient Agriculture

Moderated by: Dr Kalpana Sastry, MD, AgHub, PJTSAU

Panellists:

1. **Ms Amita Joshi**, Deputy General Manager, Biotechnology Industry Research Assistance Council (BIRAC)
2. **Mr. Emmanuel Murray**, Investment Director, Caspian Debt
3. **Ms. Suseela Chintala**, CGM, NABARD- TSRO
4. **Mr. K Mathew Abraham**, MD, KDHP
5. **Mr. Ram Kaundinya**, DG, Federation of Seed Industries of India
6. **Mr Nipun Meherotra**, Founder, Agricolaboratory

1330 – 1415 hrs: Lunch Break

1415-1515 Progressive Farmers

Session Chairman by: Mr S Jayapal Reddy, Chairman, FPO's Association of Telangana

1. **Ms Indira Reddy** – Honey Bee Keeping
2. **Mr E Rammohan Rao** – Sheep Rearing
3. **Mr Satya Reddy** – Hydroponics, Turmeric (Green Farms Pvt Ltd)

1515 – 1645 hrs: AgriTech StartUps Product Launch

AgriTech StartUps - About 10 start-ups will be launching their product with a 1-minute video jingle played and announcement for deeper interaction in the stalls.

Levain Bakers Pvt Ltd: Millet based fermented flat breads

Delta Things: IOT based pest management device

Purple Life Sciences: Developing plant and human nutritional products

Zewa Ecosystem: Developing bio waste management solutions

Oscillo Machines: Modernizing the Indigenous agriculture through Mechanization

Krishitantra: IOT based rapid soil testing Device

Core Carbon X: Sustainability and climate tech company through carbon farming

Marut Drones: Precision based drone spraying company

Svatha Samruddhi: Meat based energy bars and cookies

Livestockify: Poultry health management Devices

Grassroots Innovations of AgHub

1645 – 1715 hrs: Valedictory Session

Mr C Shekar Reddy

Chairman, CII Telangana & CMD, CSR Estates Ltd.

Dr V Praveen Rao

Chairman, Steering Committee of CII AgriTech South 2024 &
Former Vice Chancellor – Prof. Jayashankar Telangana State Agricultural University (PJ TSAU)

Dr B Gopi, IAS.,

Director - Agriculture,
Government of Telangana

Mr D Sai Prasad

Vice Chairman, CII Telangana &
Executive Director
Bharat Biotech International Ltd.

1715 Hrs: Tea /Coffee Break & Close