



India's Largest Virtual platform for Smart Technologies
3rd December – 15th December 2021
Agri & Food Processing

Theme: Agriculture 4.0: Future Innovation for Farming

Date: 10th December 2021(1000 – 1430 hrs (IST))

India is currently witnessing the rise of one of the most important industries of the future: agriculture technologies (AgTech). AgTech is emerging industry sector is focused on reinventing farming from being a labor-intensive profession to a new kind of tech career. By bringing big data management technologies, smart sensors, artificial intelligence systems and predictive analytics into farming, the AgTech sector can make agriculture far more efficient, precise, and resilient in the face of environmental challenges and severe weather.

Theme: Agriculture 4.0: Future Innovation for Farming

10:45 - 11:00 hrs	Farm Precise Mobile application for making farmers climate responsive and strengthening agrarian livelihood	Mr. Madhav Dwakanath Gholkar , Senior Researcher (Climate Resilience Agriculture), W-CReS (WOTR Centre for Resilience Studies)
11:00 hrs - 12:00 hrs	Panel Discussion: Changing technology in Food Processing	Moderator: Dr. Chindi Vasudevappa , Vice Chancellor, National Institute of Food Technology Entrepreneurship and Management Speakers Dr. Sridevi Annapurna Singh , Director, CSIR-Central Food Technological Research Institute (CFTRI) Dr. C. Anandharamkrishnan , Director - Indian Institute of Food Processing Technology (IIFPT) Prof. Vishal R. Sardeshpande , CTARA, IIT Bombay Discussion Points: -

		<p>The Indian food processing sector was valued at US\$ 328 billion in 2020 and is expected to reach US\$ 535 billion in 2025-26. India processes only about 10 percent of its Agri-output while most of the processing is classified as primary processing. The rise in India-based start-ups in the past five years is also driving the food processing industry. Food processing companies account for 30 percent of the overall food start-ups in India.</p> <ul style="list-style-type: none"> • Some of the breakthrough technologies in food processing by CFTRI, IIFPT and Others • Role of technology in packaging and packaging machinery in the food processing industry; and Indian Government policies and support. • What are the recent developments in food processing technology? • Highlighting research and development, export opportunities and strategies for future growth of food processing industry
12:00 - 12:45 hrs	<p>Panel Discussion:</p> <p>Farm to Fork: Building Digital Supply Chains</p>	<p>Moderator: Dr. Basavaraj Girenavar, Chairman and Managing Director, Criyagen Agri and Biotech Pvt. Ltd</p> <p>Speakers</p> <p>Mr. Srijit Nambiar, Program Manager – Digital Transformation, Data Engineering & Integration, Ingredient Incorporated</p> <p>Mr. Ashok Kumar Meda, Founder, Krishikalpa Foundation</p> <p>Mr Abhijeet Kamasamudram, Director on the Board, Wholetime Director - Finance & Supply Chain, McCain Foods India Pvt Ltd</p> <p>Discussion Points: - India has surplus Agri production, but fractured supply chain has hit harvesting, storing, transporting, and selling. Supply chain crisis is brewing in the Indian agriculture sector. Harvested food grains such as wheat have been stuck in fields in several states, and food grain aggregators, processors and branded processed food sellers are all facing problems in sourcing fresh stock.</p> <ul style="list-style-type: none"> • Key strategic solutions that technology brings on to the table • Government Policies and its flexibility in adoption of technology in Agri supply chain • Highlight technological innovations happened in building digital supply chains
12:45 - 14:15 hrs	Agriculture and Environmental Tech	<p>Mr Pinaki Bhattacharyya, Senior Scientist – R&D and SME, Blu Cocoon Digital Limited</p>