

4TH NATIONAL AGRIBUSINESS

KONCLAVE



16th Sept.
2023

Feeding the Future: Innovations
and Trends in Indian Agriculture
and Food Sector



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY
Deemed to be University U/S 3 of the UGC Act, 1956
SCHOOL OF RURAL MANAGEMENT

4TH NATIONAL AGRIBUSINESS KONCLAVE 2023



About the KONCLAVE

The Agribusiness Conclave offers a unique opportunity for bringing together scholars, students, and industrial leaders / practitioners to address issues, developments, and trends in the Indian Agriculture & Food Sector. Inquisitive minds will get a wonderful opportunity to meet with and be inspired by the industry leaders at the conclave.

THEME-1

Future Trends and Transformative Innovations in Agri Input Sector

The Agri Input sector plays a pivotal role in modern agriculture, providing farmers with essential resources like seeds, fertilizers, pesticides, and technology to enhance crop productivity and overall efficiency. As the global agricultural landscape evolves, there is a growing need to explore future trends and transformative innovations in the Agri Input industry to address challenges such as climate change, population growth, and sustainable resource management.

Key Discussion Areas:

a. Precision Agriculture and Digital Transformation:

- The role of precision agriculture in optimizing Agri Input usage through data-driven decision-making.
- The integration of digital technologies, IoT, and artificial intelligence in the Agri Input sector.
- Opportunities and challenges in adopting smart farming practices for sustainable agriculture.

b. Biotechnology and Genetically Modified Crops:

- The latest advancements in biotechnology and genetic engineering for crop improvement.
- The potential benefits and concerns related to genetically modified crops.
- Regulatory frameworks and public perception of biotechnology in agriculture.

c. Climate-Smart Agri Inputs:

- Agri Input solutions to address climate change challenges, such as drought-tolerant crops and heat-resistant varieties.
- The role of Agri Inputs in promoting climate-resilient agriculture and adaptive strategies.



THEME-2

Technology Interventions in Supply Chain Management: Agri and Food Sector

The agri and food sectors are critical components of global economies, contributing to food security, livelihoods, and economic growth. Efficient supply chain management plays a vital role in ensuring the smooth movement of agricultural produce and food products from farm to fork. The integration of technology in supply chain management has the potential to revolutionize the sector, addressing challenges, optimizing processes, and enhancing sustainability.

Key Discussion Areas:

a. Role of Technology in Agri and Food Supply Chains:

- The significance of supply chain management in the agri and food sector and its impact on the entire value chain.
- How technology interventions, such as Blockchain, IoT, AI, and Data Analytics, can revolutionize supply chain operations.

b. Enhancing Efficiency and Reducing Wastage:

- How technology can optimize inventory management, transportation, and storage, reducing post-harvest losses and food wastage.
- Showcasing examples of successful supply chain digitization leading to increased efficiency and reduced costs.

c. Ensuring Food Safety and Traceability:

- Potential of technology in enabling traceability and transparency throughout the supply chain, ensuring food safety and quality.
- The role of digital platforms in enhancing consumer trust and promoting sustainable practices.

d. Addressing Challenges and Adoption Barriers:

- Identifying challenges and barriers to the adoption of technology in supply chain management, particularly for small-scale farmers and businesses.
- Potential strategies to overcome these challenges, including capacity building and access to financing.

e. Scaling Up and Policy Implications:

- Strategies to scale up technology-driven supply chains in the agri and food sector, including fostering innovation ecosystems and public-private partnerships.
- The role of policymakers in creating an enabling environment for technology adoption in the sector.

ABOUT KIIT

Kalinga Institute of Industrial Technology (KIIT) Deemed to be University is among India's most sought-after universities, attracting students from all over India and more than 50 countries to pursue professional and technical education. Located in the temple city of Bhubaneswar, it has built its reputation as the most student friendly university, anchored on the principles of Compassion and Humanity. It was founded in 1992-93 as a vocational training centre with a seed capital of only Rs. 5000 by eminent educationist and social activist Prof. Achyuta Samanta. However, it was opened as a centre of higher learning in 1997, which is considered as the base year. Since then KIIT has grown exponentially, setting a high benchmark in each area of education. With a diverse student body of 30,000 representing all States of India and more than 50 foreign countries, it is on its way to becoming an international hub for quality professional and technical education.

KIIT is ranked in the cohort of 601-800 in the Times Higher Education 'World University Ranking'. Its Computer Science Engineering ranks in the cohort



of 301-400 and its overall Engineering ranking is 401-500 in the world. KIIT has been accredited with an A++ grade by the National Assessment and Accreditation Council (NAAC) with an all-India 16th rank by the National Institution of Ranking Framework, NIRF, Ministry of Education. It has also been the top university for innovation among private institutions for two consecutive years (2020, 2021) according to AICTE, Government of India. It has been ranked among the top 151-200 universities in the world as per the Times Higher Education Young University Ranking 2022

ABOUT KSRM

KIIT School of Rural Management (KSRM), caters to the needs of the rural enterprises, rural development organizations, voluntary sector and corporate houses with rural business interests. It was founded on 20th November 2006 by Dr. A. Samanta, Founder KIIT and KISS group of institutions and Late Dr. V. Kurien, Father of the White Revolution in India to offer MBA (Rural Management) and other short term programmes for personnel engaged in rural sectors. The school is offering two flagship programmes - MBA (Rural Management) and MBA (Agribusiness Management). Besides the school is also offering other programmes like Post-Graduate Diploma in Community Development (PGD - CD) and Ph.D. programme.



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Campus 17, KIIT Deemed to be University, Patia, Bhubaneswar - 751024

FOR FURTHER INFORMATION PLEASE CONTACT:

Prof. Nirmal K Mandal
Convenor

Email: nirmal@ksrm.ac.in
Mob: +91 98499 00766

Prof. Somnath Dutta
Co-Convenor

Email: Somnath.dutta@ksrm.ac.in
Mob: +91 943226 00001

Prof. Sukumar Dash
Co-Convenor

Email: Sukumar.dash@ksrm.ac.in
Mob: +91 99375 63621