



India International Agritech Summit

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INDUS FOOD
AGRI-TECH

January 10-11, 2025

Yashobhoomi, Dwarka, New Delhi

Day 1- January 10, 2025

Programme Highlights and tracks

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| Registration-10:00-11:00 am | |
| Plenary session: Policy perspectives on a sustainable future for agriculture | 11:00 am- |
| Introduction and welcome | 12:30 pm |
| Understanding key challenges to agriculture in the 21 st century | |
| Agricultural policy reforms: Lessons from India and the world | |
| Climate Change and agriculture: Policy strategies for resilience | |
| Organic agriculture: Balancing productivity and environmental stewardship | |
| Smallholder farmers: Policy frameworks for inclusivity and growth | |
| Digital agriculture: Policy pathways for a data-driven future | |
| Audience Q&A | |
| Vote of thanks, panelist felicitation and session close | |
| Industry presentation: Driving sustainable agriculture with technology | 12:30-12:55 pm |
| Panelist felicitation and session close | |
| LUNCH -1:00- 1:40 pm | |

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| The future of food security | 1:40-2:30 pm |
| Keynote on sustainable agriculture and food security | |
| Hydroponics & vertical farming: Revolutionizing food production | |
| Aquaponics: Integrating fish farming and plant cultivation | |
| Permaculture: Designing resilient agricultural ecosystems | |
| Organic farming: Sustainable practices for long-term food security | |
| Audience Q&A, panelist felicitation and session close | |
| Industry presentation: Sustainable farming practices for food security | 2:30-2:55 pm |
| Panelist felicitation and session close | |
| Renewable energy in agriculture | 3:00-3:50 pm |
| Integrating solar power in agriculture: Innovations and Best Practices | |
| Bioenergy and biomass: Sustainable solutions for rural development | |
| How agritech can facilitate circular economy practices. | |
| Economic viability of renewable energy solutions in agriculture | |
| Renewable energy and climate resilience in agriculture | |
| Audience Q&A, panelist felicitation and session close | |
| Audience Q&A, panelist felicitation and session close | 3:50-4:20 pm |
| Panelist felicitation and session close | |





Day 2- January 11, 2025

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| How agritech can mitigate the impact of extreme weather events | 11:00-11:50 am |
| Predictive analytics and weather forecasting: Enhancing farm resilience | |
| IoT and smart irrigation systems for water management | |
| Digital platforms for disaster management in agriculture | |
| Crop diversification and genetic engineering for weather-resilient crops | |
| Satellite technology and remote sensing for climate-smart agriculture | |
| Audience Q&A, panelist felicitation and session close | |
| Industry presentation: Innovative farming best practices to address climate change challenges | 11:50 am-12:15 pm |
| Panelist felicitation and session close | |
| Digitisation and AI in agriculture | 12:20-1:10 pm |
| The Role of AI in precision agriculture | |
| Smart farming: Integrating IoT and AI for improved farm management | |
| Big data analytics in agriculture: Harnessing data for better decision-making | |
| AI-powered drones and robotics in agriculture | |
| Predictive analytics and climate-smart agriculture | |
| Audience Q&A, panelist felicitation and session close | |
| LUNCH -1:10- 1:55 pm | |
| Industry presentation: Transformative impact of AI/IoT in smallholder farms | 1:55-2:20 pm |
| Panelist felicitation and session close | |

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| Future-ready aquaculture: innovations shaping sustainable seafood | 2:25-3:15 pm |
| Breakthrough technologies in recirculating aquaculture systems (RAS) and their environmental benefits. | |
| Advances in feed technology and its role in reducing the ecological footprint. | |
| Role of biotechnology in breeding programs for disease-resistant fish. | |
| Integration of AI/ML for monitoring and optimizing aquaculture operations. | |
| Applications of IoT devices in real-time monitoring of water quality and fish health. | |
| Audience Q&A, panelist felicitation and session close | |
| Industry presentation: How digital twins and simulation are revolutionizing fish farming | 3:15-3:40 pm |
| Revolutionizing productivity, sustainability, and animal health | |
| 3:45-4:35 pm | |
| Smart dairy farming: Leveraging technology for enhanced milk production | |
| Sustainable poultry farming: Reducing environmental impact through technology | |
| Automation and robotics in dairy and poultry farms: Enhancing efficiency and reducing labor dependence | |
| Genetic innovations in dairy and poultry: Breeding for resilience and productivity | |
| Smart feeding systems: Optimizing nutrition for better livestock health and yield | |
| Audience Q&A, panelist felicitation and session close | |
| Industry presentation: Driving innovation and sustainability in livestock farming | 4:35-5:00 pm |
| Panelist felicitation and session close | |