



National Conference on

Digital Agriculture: *Empowering Indian Farming*

December 17-18, 2024

Background

The National Academy of Agricultural Sciences has designated “Digital Agriculture” as the theme for the year 2024, engaging professional associations of agricultural societies nationwide. Various events are being organized by the societies and in light of these recommendations, a two-day national conference on “**Digital Agriculture: Empowering Indian Farming**” is being organized jointly by the Indian Council of Agricultural Research (ICAR), New Delhi, National Academy of Agricultural Sciences (NAAS), New Delhi and International Crop Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad with CGIAR Initiative on Digital Innovations.

India is on the brink of a transformative era in agriculture, driven by the rapid growth of digital infrastructure and technological advancements. With tools such as precision farming, big data analytics, artificial intelligence, robotics, and variable rate technologies (VRTs), the country is set to become a global leader in agricultural digitalization. These technologies offer numerous benefits, including increased yields, resource conservation, enhanced sustainability and better livelihood.

Despite challenges like limited access to technology, high costs, and regulatory barriers, the conference aims to foster collaborations in digital agriculture among different scientific societies/bodies and institutions and develop a strategic roadmap for implementing digital solutions in Indian agriculture.

Technical Sessions

Session-I: Digital Agriculture for Enhancing Productivity

Session-II: Last Mile Connectivity and Delivery

Session-III: Investments & Policy for Digital Agriculture

Session-IV: Brainstorming by Professional Agricultural Societies

Session V: Joint Initiative on Digital Innovations of CGIAR-ICRISAT-ICAR

Venue

A.P. Shinde Symposium Hall

National Agriculture Science Complex (NASC),

Dev Prakash Shastri Marg,

New Delhi-110 012

Organizers



ICAR, New Delhi



ICRISAT, Hyderabad



NAAS, New Delhi

Organizing Committee

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- Dr. Anil Rai, Assistant Director General (ICT), ICAR, New Delhi, Convener
- Dr. A.K. Singh, Secretary, NAAS & Former Director, ICAR-IARI, New Delhi, Co-Convener
- Dr. Rabi N. Sahoo, Program Leader, NePPA, ICAR-IARI, New Delhi, Co-Convener
- Dr. Mangi Lal Jat, Global Research Program Director , ICRISAT, Hyderabad, Co-Convener

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- Ms. Rashmi Singh, Editorial Manager, NAAS