

# International Conference

## Reorienting Agronomic Research & Education to Combat Current and Future Challenges in Agriculture

Chief Guest



Dr. R. C. Srivastava  
Vice-Chancellor, RPCAU, Pusa

Guest of Honour



Dr. B. S. Mahapatra  
Vice-Chancellor, BCKV, Mohanpur

20-22 September, 2021  
11.00 AM -2.00 PM (IST)



*Theme Areas:*

- Agronomic Education
- Organic Agriculture
- Conservation Agriculture
- Biotic & Abiotic Stresses

[Register Here](#)



[Meeting Links](#)

[Day-1](#)

[Day-2](#)

[Day-3](#)



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## About Conference

During last few decades, the field management has advanced from ploughing the soil with a stone fitted on a tree-branch drawn by a horse, to monitoring the entire field with artificial intelligence and drone technology. This clearly depicts a lot widening of the dimension of agronomy during last five decades. In 21<sup>st</sup> century, agriculture in general and agronomy in particular faced lot of challenges like global food crisis and pest outbreaks, climate change which made food security more uncertain. The challenges further aggravated due to steadily rising population and scarcities of water, land and a productive agricultural systems.

The retention of rural youth in agriculture by endow them skill to take farming not for subsistence but as a business is another challenge. Though agronomy today has made remarkable advances right in harnessing genetic potential of crop to managing soil health and coping with climate change, tools for real time cropping system monitoring and management. Nevertheless, the effectiveness of agronomic science will largely be determined by its continuous linkage with the end user and the dynamic technology surrounding that end user. At present scenario the latest technologies, the greatest interest is on reliable credible knowledge on how those technologies can best be put to use in adding value to business, whether the business is a farm or an entity supporting farm. Further, preparation for future challenges by incorporating and developing, reliable and feasible technologies for farmers are needed.

Hence, reorientation of agronomic research and education is of utmost needful to guide young mind to the current challenges in agriculture.

With all of these in background, an International conference in virtual mode is planned to provide a deeper understanding of the different aspects of reorientation of agronomic research and education. The conference targets the scientists and students of agriculture and allied subjects.







## SPEAKERS



**Creating Rural Employment beyond Agriculture :**  
Dr. R.C. Srivastava, Vice-Chancellor, RPCAU, Pusa



**Revisiting agronomic research, education & policy interventions:**  
Dr. B.S. Mahapatra, Vice-Chancellor, BCKV, Mohanpur



**Need to reorient agronomic research and education:**  
Dr. Devendra Singh, Prof. & Head, Agronomy, RPCAU, Pusa



**Redesigning agronomic research for changing climatic scenario:**  
Dr. V. K. Singh, Director, CRIDA, Hyderabad



**Integrated farming system: a prospective means to generate income and employment in rural India:**  
Dr. K.G. Mandal, Director, ICAR-MGIFSR, Motihari, Bihar



**Organic agriculture technology for enhancing rural prosperity:**  
Dr. S.K. Sharma, Director Research, MPUAT, Udaipur



**Weed science research for sustaining the agri-ecosystem:**  
Dr. B.S. Chauhan, Professor, Univ. of Queensland, Australia



**Conservation agriculture for sustaining soil health and environment:**  
Dr. T.K. Das, Professor, Division of Agronomy, IARI, New Delhi



**Management of abiotic stresses under changing climatic scenario:** Dr. Hossain, Principal Scientist, BWMRI, Bangladesh



**Strategies to publish research paper in high impact journals:**  
Dr. J. Timsina, Editor, Agricultural Systems; Senior Fellow,  
Global Evergreening Alliance, Melbourne (Australia)



# Conference Schedule

## Day 1 (20-09-2021)

1. Creating rural employment beyond agriculture: **Dr. R.C. Srivastava, Hon'ble Vice-Chancellor, RPCAU, Pusa**
2. Revisiting agronomic research, education and policy interventions: **Dr.B.S. Mahapatra, Hon'ble Vice-Chancellor, BCKV, Mohanpur**
3. Redesigning agronomic research for changing climatic scenario: **Dr.V.K. Singh, Director, ICAR-CRIDA, Hyderabad**

## Day 2 (21-09-2021)

1. Weed science research for sustaining the agri-ecosystem: **Dr. B.S. Chauhan, Professor, University of Queensland, Australia**
2. Strategies to publish research paper in high impact journals. **Dr. Jagadish Timsina, Editor, Agricultural Systems; Senior Fellow, Evergreening Alliance, Melbourne, Australia**
3. Integrated farming system: a prospective means to generate income and employment in rural India: **Dr. K.G. Mandal, Director, ICAR-MGIFRI, Motihari, Bihar**

## Day 3 (22-09-2021)

1. Conservation agriculture for sustaining soil health and environment: **Dr. T.K. Das, Professor, ICAR-IARI, New Delhi**
2. Management of abiotic stresses under changing climatic scenario: **Dr.Akbar Hossain, Principal Scientist, Bangladesh Wheat and Maize Research Institute, Bangladesh**
3. Organic agriculture technology for enhancing rural prosperity: **Dr. S.K. Sharma, Director Research, MPUAT, Udaipur**



# Organizing Team



## **PATRON**

**Dr. R.C. Srivastava**, Hon'ble Vice-Chancellor, RPCAU, Pusa

## **Conveners**

**Dr. K.M. Singh**

Dean, PGCA, RPCAU, Pusa

**Dr. M.N Jha**

Director of Education & Nodal Officer, NAHEP, RPCAU, Pusa

**Dr. S.K. Jain**

PI, NAHEP, RPCAU, Pusa

## **Programme Coordinator**

**Dr Devendra Singh**, Prof. & Head, Dept. of Agronomy, RPCAU, Pusa

## **Organizing Secretaries**

- **Dr. Mukesh Kumar**, Assoc. Professor (Agronomy)
- **Dr. B. Pramanik**, Asstt. Professor (Agronomy)

## **Organizing team**

- **Dr. Amrendra Kumar**, Asstt. Prof., Agronomy, TCA, Dholi
- **Dr. Vikram Bharati**, Asstt. Prof., Agronomy, TCA, Dholi
- **Dr. Sunil Kumar**, Asstt. Prof., Agronomy, TCA, Dholi
- **Dr. R.S. Singh**, Asstt. Prof., Agronomy, TCA, Dholi
- **Dr. Navnit Kumar**, Asstt. Prof., Agronomy, SRI, Pusa
- **Dr. K. Sapna**, Asstt. Prof., Agronomy, RPCAU, Pusa
- **Dr. Rajan Kumar**, Asstt. Prof., Agronomy, RPCAU, Pusa
- **Dr. Dharminder**, Asstt. Prof., Agronomy, RPCAU, Pusa
- **Dr. Gangadhar Nanda**, Asstt. Prof., Agronomy, APRI, Pusa
- **Dr. Lalita Rana**, Asstt. Prof., Agronomy, SRI, Pusa
- **Mr. Kaushal Kishor**, Asstt. Prof., Agronomy, RPCAU, Pusa

## **Technical Support**

- **Mr Vivek Kumar**, Lab. Technician, Dept. of Agronomy, RPCAU, Pusa
- **Mr. Ashish Kr. Maurya**, Lab. Technician, CoEWM, RPCAU, Pusa
- **Mr. Manish Kr. Azad**, Technician (Engg), CoEWM, RPCAU, Pusa