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International Conference

on

Advanced Agricultural Technologies for Self Reliant Farmers and Developed India

11-February, 2024

(Hybrid Mode: Offline & Online)

Venue:

Krishi Vigyan Kendra, Piprakothi

East Champaran, Bihar, India



Organized by:

Dr. Rajendra Prasad Central Agricultural University Pusa

Samastipur Bihar-848125 - India

Krishi Vigyan Kendra, Piprakothi

East Champaran, Bihar

In Association with

IRRI South Asia Regional Center (IRRI-SARC), Varanasi,

U.P., India

Borlaug Institute for South Asia-BISA, Pusa, Bihar, India

ICAR-ATARI, Patna, Zone-IV

OBJECTIVES

Natural resource management issues are inherently complex as they involve the ecological cycles, hydrological cycles, climate, animals, plants and geography etc. Natural resource management also has to manage various stakeholders and their interests, policies, politics, geographical boundaries, economic implications and so on. It is very difficult to deal with all aspects at the same time. The emphasis on sustainability attempts to understand the ecological nature of the agriculture and allied areas. An integrated approach is needed for recognizing and implementing the intertwined social, cultural, economic and political aspects of resource management. Developing location specific, cost effective, eco-friendly conservation and management technologies for higher input use efficiency, agricultural productivity & profitability without deteriorating natural resource base is vital for sustainable management of natural resources to ensure agricultural development. It is in this context, it is proposed to hold an International Conference on 11th February, 2024 in KVK, Piprakothi, East Champaran, Bihar, India, to address the issues and challenges ahead during the 21st century. The Conference is designed for students, scholars, natural resource managers, policy makers, Extension Workers/specialists, Scientists, teachers with an intention to share research and experiences.

CONFERENCE THEMES

Major theme 1: Innovation, Technology & Regenerative Agriculture

Sub Themes:

- Doubling Farmers’s income through diversified Agriculture
- New innovation in Agricultural Sciences and its implications
- Food processing, safety and secondary agriculture
- Government initiatives and policies to boost self reliant farmers
- Impact of digitalization on farming system
- Novel techniques in breeding of horticultural crops: biotechnological and molecular approaches

Major theme 2: Resource Conservation and Sustainability

Sub Themes:

- Natural farming approaches in Millet production
- Conservation agriculture for sustainability of Agricultural productivity
- Soil Health and Soil quality
- Climate resilient technologies in Agriculture
- Role of fisheries in enhancing farmers income
- Sustainable live stock and fish production system for self reliant farmer
- Exploitation of underutilized horticultural crops for crop diversification
- Remote sensing and GIS application in water resources in natural resource management.

DRPCA, Pusa

Dr. Rajendra Prasad Central Agricultural University, Pusa came into existence on 7th October 2016 after the conversion of Rajendra Agricultural University, Pusa, a state agricultural university, which was established in 1970 by Govt. of Bihar a historical place where the idea of agricultural research and education first took shape. The history of the place dates back to year 1905, when Agricultural Research Institute and College, Pusa was first established by the British Government in light of the recurring food scarcity in the country. In its current role, the university extends its jurisdiction and responsibility in the fields of teaching, research, and extension in context of agriculture and allied sciences to the whole country with special reference to the State of Bihar.

Krishi Vigyan Kendra Piprakothi

Krishi Vigyan Kendra, East Champaran was established by the Indian Council of Agricultural Research in 05.06. 2006 under the administrative control of Dr Rajendra Prasad Central Agricultural University, Pusa (Formerly Rajendra Agricultural University) Samastipur; Bihar observing the possibilities and potentialities of growing cereals, pulses, fruits and vegetables as well as medicinal and aromatic plants in the sandy-loam soil of East Champaran district. Since then, it has proved to be one of the leading centers for front line extension education in the district mandated to organize vocational trainings in agriculture and allied vocations with emerging advances in agriculture research on regular basis.

About East Champaran

From epic time till today, the history of Champaran has been glorious and important. It is mentioned in the Purana that the devotee Dhruv, son of King Uttanapada, here had done terrible penance for attaining knowledge at the place called Tapovan. On the one hand, the land of Champaran is sacred due to the Goddess of Sita, on the other hand, the Satyagraha of Gandhiji in modern India is an invaluable page in the history of Indian independence. At the time of King Janak, this was part of the Tirhut kingdom. People believe that Jankigharh, also known as Chanchigarh, was the capital of King Janak’s Veeveda state. Which later became part of the Vaishali empire in the 6th century BC. Lord Buddha had given his sermons here, in memory of which in the 3rd century BC, Priyadarshi Ashok made pillars and constructed stupas. After the decline of the Gupta Dynasty and the Pala Dynasty, the entire Champaran region, including Mithila, became subject to the Karnat dynasty. Local satraps were directly ruled by Muslims until and after this. Mahatma Gandhi came to Motihari in April 1917 on the call of Prince Shukla, a rayat of freedom and freedom fighter of India during the freedom struggle, and successfully used the first successful experiment of Satyagraha in protest of the three acrimonious cultivation of the Nil crop. The climate in Motihari city is sub-tropical with hot summers and mild and pleasant winters. Winters in Motihari are mild and pleasant with temperatures dropping to as low as 3°C to about 18°C. in February it is expected light winter.

INVITED TALK/LEAD LECTURE

Experts from abroad and Indian academic institutions like ICAR-Institutes, Agricultural Universities, SAUs/CAUs and Government Organizations such as IMD will deliver special lectures for each session.

CALL FOR ABSTRACT

The conference invites contributions from Scientists, Teachers, students, researchers, Extension workers, practitioners and policy makers having expertise in the areas of natural resource management. Interested participants may send an extended abstract of their contribution with Full affiliation and title. Best Poster presentation certificate will be given to participant in each session during the conference. Submission of abstract within due date that is 28/01/2024 is expected..

ABSTRACT FORMATTING REQUIREMENTS

Introduction, Materials & Methods and Results/Conclusion and 4-5 keywords **Font:** Time New Roman and font size 12. Use grammar and spell check; **Theme area:** Which of the conference themes best describes the topic area of your presentation? It should be given at the top of the abstract; **Author(s) name(s) and affiliation(s):**Authors name(s) bold and affiliations normal font, **Corresponding author's email address;** Abstract is limited to 300 words a n d will be published in the conference proceedings/souvenir.

Oral/Poster Presentation Award:

Prizes will be awarded for Best Oral/Poster Presentation

IMPORTANT DATES

Last date for submitting abstracts: 28.01.2024

REGISTRATION FEE

Registration fee is as under (Physical/Online mode):
For Faculty/Scientist/Teachers/Professors/Academician : Rs.1000/- (INR)
For Students/Research Fellows/SRF/YP : Rs.500 /- (INR)
For Foreign Candidates: USD 25/-
Registration fee includes conference kit, refreshments only.
Participants are requested to send the filled in Registration Form and Abstract through the email to **aatsrfdi@gmail.com** & **head.kvk.piprakothi@rpcau.ac.in** and Registration fee may be deposited by bank transfer or DD drawn in favour of :

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Account No. 444310100008248

IFSC code: BKID0004443 Name of Bank: Bank of India

Branch Address: Jibdhara, East Champaran

ACCOMMODATION

The limited accommodation is available in the KVK, Piprakothi (Bihar). On request, the organizers will arrange for reservation of accommodation provided the payment is received well in advance by candidates. A wide range of hotels and guest houses is available in near by KVK Campus. The likely tariffs are as under: Hotels – ₹ 2000 to 5000/-.

From	To	Railway station	By road	Near by Airport
Patna	Motihari	Bapudham Railway station	By Bus	Patna, Bihar
Muzaffarpur	Piprakothi	----	By Bus	Darbhanga, Bihar
Darbhanga	Piprakothi	----	By Bus	Darbhanga, Bihar
Motihari	Piprakothi	----	By Bus	----
Gorakhpur	Piprakothi	Yes	By Bus	Gorakhpur, U.P.
Kushinagar	Piprakothi	Yes	By Bus	Kushinagar, U.P.

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