

### Registration Form

#### iPAS Conclave

27-28 July, 2023

Name: Mr./Ms./Mrs./Er./Dr./Prof. (In Block Letter):.....
Designation:.....
Subject/Specialization:.....
Complete Address of Department and Institution with Pin Code:
Complete Home Address with Pin Code:.....
E-mail:.....
Calling Number:.....
Whatsapp Number:.....
Gender:.....
Title of Abstract/Paper:.....
Name of Accompanying persons (if any):.....
Accommodation Required/Not Required:.....
Date & Time of Arrival (for accommodation purpose) .....
Date and Time of departure.....
Normal guest House:.....
Deluxe Hotel:.....
Dormitory:.....
Model of travel (Flight/Train/Bus/Others).....
<b>Fee Details</b>
NEFT/Net Banking/Online Ref. No..... Account Holder's Name: ISAE Delhi Chapter, Account Number: 91212010024323; IFSC: CNRB0019121; MICR Code: 110015429
Date.....Conference registration Fee (Rs.).....
Lifetime Membership Fee/Society Contribution Fee.....
Publication Fee:..... Accommodation Fee.....
Accompanying Persons fee (if any).....
Total Amount (Rs.).....
Date.....
Place.....Signature of Applicant.....
Note: Kindly send the dully filled MS-Word file for registration (MS Word File of registration form may be downloaded from the website: www.isae.org) along with the fee details via-mail to: isaedelhi2023@gmail.com)

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Dr. Dhananjay Pandit, Director-Water Resource Management, RTI Global India Pvt. Ltd., New Delhi  
Dr. Syed Ismail, Director, SIFA, Sanpra Systems Pvt. Ltd.  
Dr. T. R. Kesvan, Group President, TAFE tractors and farm equipment ltd.  
Dr. Surender Singh, Technical Advisor, AMMA, India  
Er. Bimal Kumar, Former Director, CNH Industrial (India) Pvt. Ltd.  
Mr. A Rajkumar, Senior Vice Chairman, AMMA India, Renaaisaance Power Products Pvt. Ltd.  
Mr. Prashant Deshmukh, Jain Irrigation Systems Pvt. Ltd  
Mr. Baldev Singh, Amar Agricultural Machinery Group, Ludhiana, Punjab  
Mr. Bhaskar Reddy, Syngenta Pvt. Ltd.  
Mr. Amit Shukla, Harvel Irrigation  
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## Industry Problems- Academia Solutions Conclave (iPAS)



July 27 & 28, 2023

Organized by

Indian Society of Agricultural Engineers,  
Delhi Chapter (ISAE-D)

&

Indian Society of Agricultural Engineers (ISAE-HQ)  
New Delhi -110012

Venue: WTC Auditorium, ICAR-IARI, New Delhi





## Background

Mechanization plays a crucial role in modern agriculture, particularly in increasing the productivity and efficiency of crop production, specifically in the case of millets. Its benefits extend to various stages of millet farming, including processing, value addition, popularization and export, which can lead to significant gains in foreign currency. Employing mechanization techniques can enhance the productivity and efficiency of millet production, including milling, post-harvest operations, processing, and improving its nutritive value, accessibility, and appeal to consumers. Precision irrigation, renewable energy sources and other mechanized operations can also contribute to increasing millet production efficiency. For instance, using mechanical threshers and other equipments reduces labour costs and enhances operational efficiency. Additionally, modern packaging and preservation techniques can improve millet product's shelf life and make them more attractive to consumers. Millets, which are both a staple food for millions of people and a nutrition powerhouse, have seen a decline in their production and consumption in last few decades. In response to this, the Government of India has proposed that the United Nations declare 2023 as the "International Year of Millets" to promote these nutritious cereals.

Building well-defined linkages between the agriculture sector and industry is vital to enhance the millet farming, processing, post-harvest technology and infrastructure and logistics for millet transportation to desired destinations. Exploring alternate sources of renewable energy is also crucial for improving sustainability. Agricultural engineers are quite capable and ready to develop more sustainable and effective farming technologies to increase millet production for its agribusiness. Therefore, the Indian Society of Agricultural Engineers -Delhi Chapter under the auspices of the International Year of Millets 2023, proposes to organize a conclave that brings together scientists and industry professionals to focus on engineering interventions that can improve crop production in general and millet production in particular, their processing and popularization, making it more accessible to the public.

The event will not only provide an opportunity for knowledge sharing among researchers but also promoting collaborations and partnerships among Academia-Industry-Policy Makers for promoting the science of millet farming including mechanization. Showcasing the research strength, exploring the problems faced by the industries and interventions desired from the policy makers is on the anvil for addressing industry challenges and probable solutions by scientists and vice versa. The conclave will cover several major themes and bring together experts from academia, research and industry to discuss the issues and design solutions involved in the mechanization of not only millet farming and also other crop mechanization for pursuing larger socio-economic interest of our country.

## Themes:

- Engineering Solutions for Millets: From Production to Consumption
- Tools and Equipment for Small-Scale and Marginal Farmers
- Automation and Artificial Intelligence in Agriculture
- Water and Energy Conservation in Crop Production
- Policies for Making Millets as People's Food

	PROGRAMME
27-07-2023 (Day 1)	Registration: 8:00 am to 9:00 am
	Inauguration: 9:00 am to 11:00 am
	High Tea: 11:00 am to 11:30 am
	Keynote Presentations: 11:30 am to 12:15 pm
	<b>1. Engineering Solutions for Millets: from Production to Consumption</b>
	<b>2. Tools and Equipments for Small-scale and Marginal Farmers</b>
	Invited Lectures and Concurrent Session: 12:15 pm to 2.0 pm (Oral/poster presentations)
	Lunch: 2.0 pm to 3.0 pm
	Keynote Presentations: 3.0 pm to 3.45 pm
	<b>3. Automation and Artificial Intelligence in Agriculture</b> <b>4. Water and Energy Consumption in Crop Production</b>
28-07-2023 (Day -2)	Invited Lectures and Concurrent Session: 3.45 pm to 5.30 pm (Oral/ poster presentations)
	Interactions and Collaborations : 5.30 pm to 6:30 pm
	Keynote Presentations: 9:30 am to 10:00 am
	<b>5. Policy for making Millets a People's Food</b>
	Invited Lectures and Concurrent Session: 10 am-11.45 am
	Interactions and Collaborations: 11.45 am 12.30 pm
	Valedictory Function: 12.30 pm-1.30 pm
Lunch: 1:30 pm to 2:30 pm	

## Important Deadlines

First Circular: 18<sup>th</sup> April, 2023

Abstract submission: 7<sup>th</sup> May, 2023

Letter of acceptance to authors: 20<sup>th</sup> May, 2023

Submission of extended abstract: 30<sup>th</sup> June, 2023

Second Circular: 30<sup>th</sup> June, 2023

Official Language: English

Registration fee	INR
Non members/Annual members (Working Professionals)	4000
Non members (Industry)	10,000
Members (Industry)	10,000
Annual members (Student/RA/JRF/SRF/YP II/YP I)	2000
Life Members/Fellows	3000
Sponsorship	Negotiable

## Accommodation

The iPAS conclave venue is located at the heart of the National Capital. A wide range of hotels are available within a short distance from the venue. The

tariff varies from ₹ 4,000/- to ₹ 15,000/- per room per day stay near National Agricultural Science Centre Complex, PUSA Campus, New Delhi. The list of hotels and their contacts shall be made available on ISAE website for direct bookings and we will strive to secure the most cost-effective rates.

## Financial Assistance

At present the organizers are not in a position to offer any financial assistance to the participants. However, attempts are being made to approach various agencies for financial support.

## Advertisement in Souvenir

The Souvenir of iPAS conclave which will contain messages from VIP's and articles from scientists, policy makers and Industrialists. Interested industries/companies may contact the organizers for giving their advertisements. The rates for the advertisement are as follows:

Full colour page (front and back) ₹ 50,000

Full colour page (inside front and back) ₹ 40000

Half colour page ₹ 35,000

Full B/w page ₹ 15,000

Half B/w page ₹ 8000

## Mode of payment

Registration fees and accommodation charges can be paid via electronic transfer or by sending a demand draft.

**Bank Name:** Canara Bank

**Branch:** Beej Bhavan, IARI, Pusa

**Bank Account Number:** 91212010024323;

**IFSC:** CNRB0019121; **MICR Code:** 110015429

**Conference website:** <http://www.isae.in> (ISAE website)

## Industry/ Scientific Sessions and Call for Papers

The event will feature various sessions with distinguished speakers delivering invited papers and keynote addresses. Individual research papers, case studies from industries will be presented as oral/posters. Soft copies of paper abstracts, which should be approximately 200-300 words long, must be submitted to the organizing secretary or co-organizing secretary. The abstract should be in a single-spaced MS Word document, using Times New Roman font with a font size of 12, and include the paper's title and the name(s) of author(s), with the corresponding author's name underlined. The abstract's text should contain a brief introduction, the study's objective, materials and methods, results, and conclusions. Upon acceptance, the extended abstracts should be sent via email, following the detailed guidelines on the website. A souvenir, along with a CD/pen drive or email, will be distributed during registration. Please refer to the contact details below to submit your work.

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