

e-NEWSLETTER INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

.... Connecting Engineers in Agriculture

July-Aug., 2023



5600 + Life Members

36 Chapters

2 Scientific Journals

Published by
INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

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Message From The President



Dear members! I am extremely happy to inform that ISAE is partnering with global sister organizations. In July 2023 ISAE signed Agreement with ASABE to work together globally and in June applied for bidding in CIGR conference in 2028. Our journal JAEI received SJIF impressive impact factors and recently we have applied for Thompson Reutter impact factor (now it is Clarivate) and Scopus indexing. One most important MoU we have also signed with EBSCO for hosting our JAEI for indexing and disseminating its contents worldwide. EBSCO is an acronym for Elton B. Stephens Company based in USA. Its annual sales of contents is about \$3 billion annually and is one of the most prestigious agencies of indexing. It is a big achievement for ISAE. It shall also pay ISAE 20 % royalty of selling the journal contents. These are contributing to become ISAE a global Scientific Society. I hope you all must be feeling very happy and satisfied with the ISAE activities.

Dear ISAEians! The ISAE-Delhi–NCR chapter conducted a very impressive Industry Institute conclave commonly known as iPAS during July 27-28 2023.. It was huge success. I personally and on behalf of ISAE Headquarter congratulate the whole team led by Dr. A. K. Mishra and Dr. Sushma Sudhishree of WTC. Role of Dr. Bramhanand the new Director of WTC was very important to ignite the event. I request all other chapters to conduct such events and contributes in activities of ISAE personally. I keep on record and thank on behalf of ISAE to Dr. Adlul Islam and Dr. Dipankar. De for untiring efforts for updating the journal management system on website and fulfilling the requirements for putting applications for Thompson Reuter impact factor of JAEI and signing of MoU with EBSCO.

Dear friends! ECs meetings during the period have reviewed the decisions taken earlier and progress their in. The EC also has decided theme for ISAE 2024 wall calendar on makhana (Gorgon nut) and will go for fresh MoU with Indian journal dot com for archiving our journals. MoU with translating our AET and publishing in other Indian languages with M/S Imanager publishers and for management and marketing with M/s Cyberlative Pvt. Ltd. (our website provider) very soon. The EC is in search of a permanent solutions for security of ISAE website contents. Your suggestions and help are solicited in this matter too. The executive committee is taking many initiatives and actions to make ISAE more vibrant and revenue surplus/self-sustaining scientific society of the country. The bidding/expression of interest for holding ISAE convention in 2024 and 2025 is also open. Interested chapters/institutions are requested to show their interest in large numbers to make us able for better planning and execution.

Dear Agrineers! All efforts are being put to improve the presence of ISAE be felt everywhere. The most recently the Hon'ble Parliament standing committee on Agriculture has recommended in its report submitted to parliament that each and every state should have one Directorate of Agricultural Engineers and each and every district, bock and panchayat should have at least one Agrineer. The contributions of Agricultural Engineering SMD of ICAR is immense to have such report by one of the top most committee in the Government machinery. Similarly, four states during last few months have publicly stated that they are going to open the Directorate. These are good happenings and we have to keep them pursuing till finally happens.

Dear readers! The 57th ISAE convention and the International Symposium is around the corner at Raichur. Advertisement for different kind of ISAE awards and recognitions area also there. Hope you all have applied in big numbers and must be submitting abstracts. Larger participations shall enhance the healthy completion for improving quality of our work. You all are requested to participate in this gala events in large numbers and make our events globally sought for. Request you all to request your friends abroad too to participate in this memorable occasion.

Dear All! The executive committee is trying to do their best in all sphere of activities of ISAE. Your participations in any form is solicited. Even you can participate in form of an author by writing articles in JAEI, AET, e-newsletter or a special issue on any topic falling in the purview of ISAE activities. Now there are independent e-mail id for all three editors-in-chief using ISAE domain. For JAEI we are only accepting papers through online journal management system at www.ISAE.in. We all request to come! Participate and make this an INCREDABLE Scientific society. Jai Hind!

S N Jha
President, ISAE

From the Editor-in-chief's Desk



It is pleasing to note that The Indian Society of Agricultural Engineers (ISAE) is moving into a new phase of its development, and several steps have been taken by the EC in this regards. Efforts are being made for Deptt. of Agricultural Engineering in IITs and NITs, Separate directorates in State, and efforts for expanding the activities of ISAE etc.

The society and the member are working actively, to reach maximum number of Agrineers and professional in the agriculture sector through its publications, training session and activities across the country through ISAE chapters. This newsletter is featured with glimpses of efforts made through activities and advancement in the field of agricultural engineering conducted during this period of July – Aug. 2023 across the country by various agricultural engineering institutes for dissemination of knowhow to all stakeholders.

I hope the content on various technologies through this e-newsletter will give takeaways on latest technologies to Agricultural Engineering professionals in introducing and implementing the same.

Your suggestions, feedback are also solicited for further improvement of this mouthpiece of ISAE.

Chandra Shekhar
Chief Editor



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ISAE Happenings

The 19th Executive Committee Meetings Held on Dated 01.07.2023

The secretary General welcomed all the members of Executive Committee members and briefed about the action taken on last EC meeting and agenda items to be taken for discussion during the meeting. The highlights of the meeting and decision of committee are:

1- Dr. Udaya Kumar Nidoni representing ISAE Raichur Chapter briefed about the preparation of the 57th ISAE convention and International symposium. It was suggested that the organizing committee may prepare different sub-committees with assigned responsibilities for organizing the convention smoothly. It was also suggested to prepare the list of keynote speakers, chairman, co-chairman, rapporteur(s) for different technical sessions well in advance in consultation with concerned Director, Vice President (Technical Council), Secretary General and President with the consent of the person concerned.

2- It was briefed that M/s Alfa Network submitted the Letter of Intent (LoI) for submitting the bid for CIGR international event-2028 on behalf of ISAE. The bid will be submitted after opening of the portal. The draft MoV to be signed between two parties after winning the bid for hosting the event.

3- The theme of ISAE calendar 2024 as decided in last EC meeting shall be on makhana. The images & photographs to be included in calendar should be collected soon from CIPHET Ludhiana and NRC Makhana Darbhanga and design should be finalized very soon so that it can be printed before the Raichur Convention.

4. The EC members unanimously approved the draft of MoU to be signed between ISAE and ASABE after thorough deliberation before signing the same in ASABE convention.

5. It was decided to purchase seven email IDs from Google through the website developer for Chief editors (3), Secretary General (1), President (1) and office of ISAE-HQ (2) for ease of operation in different activities of the society including online article submission to the journal and submission of application for indexing services

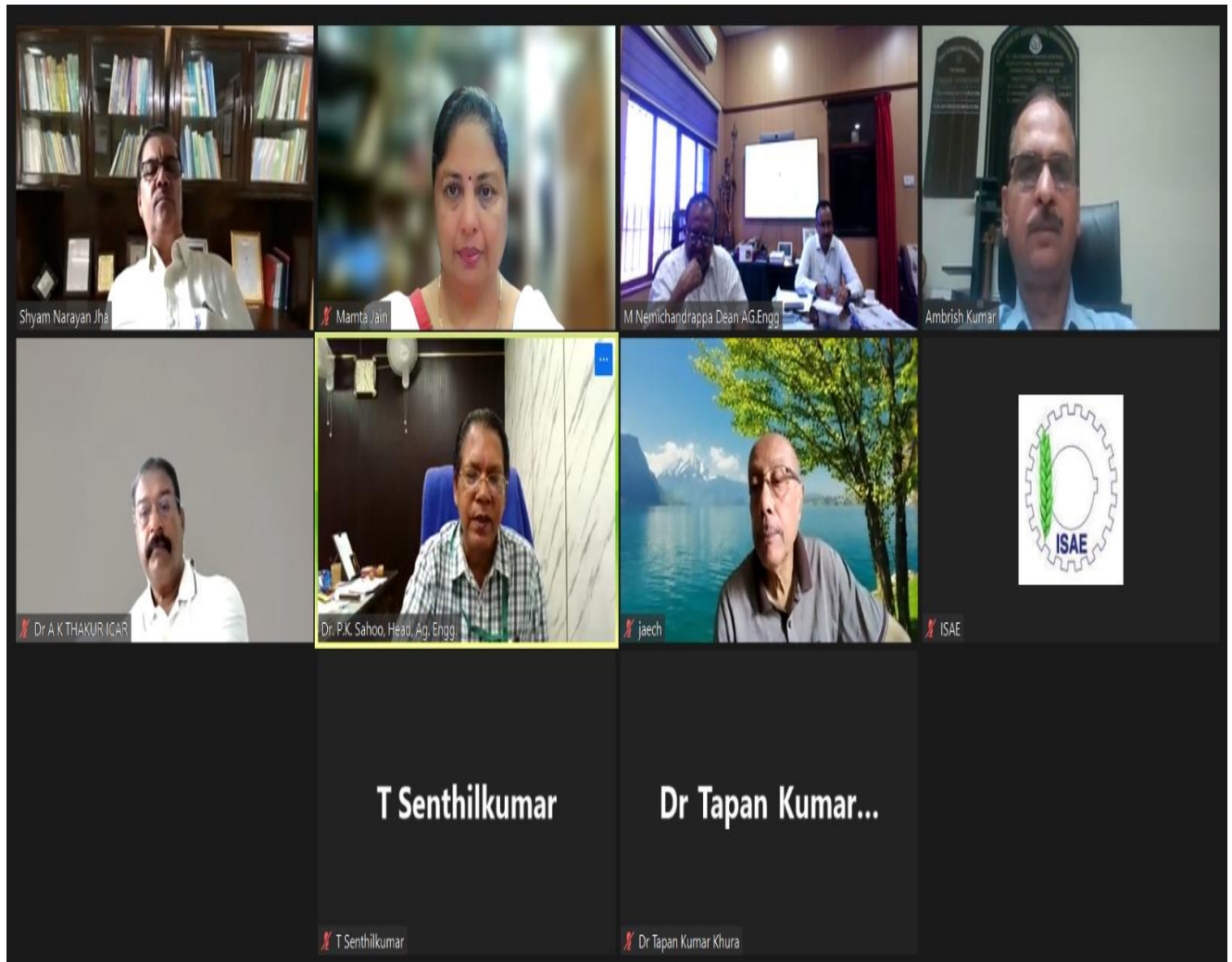
6- The rate of printing for AET magazine per copy was approved as Rs.76,000/- (Including GST) for 1000 copies. Based on printing rate it was decided that subscription price would be Rs.200/- per copy. For bulk subscription (more than 20 copies) the rate per copy would be Rs.125/- + handling and mailing charges extra. However, online subscription for members will be free

7. The name of Dr N.S. Abeysingha, Professor, Department of Agricultural Engineering and Soil Science, Faculty of Agriculture, Rajarata University of Sri Lanka (RUSL), Puliyankulama, Anuradhapura was approved as Associate Editor in the Editorial Board of JAEI in SWE section

ISAE Happenings

8. It was emphasized to improve the quality of AET with better articles and publication in multiple languages for more visibility of the magazine in particular and ISAE in general. The M/s. i-manager publications for translating AET in other Indian languages and marketing the same on revenue sharing basis was also invited to brief the EC about his willingness and modalities. Er. Joe from the company did explain the matter in detail and requested to submit the Agreement for the purpose

9. The score cards for different ISAE awards were discussed in light of previous years experiences and comments of the members and approved after several changes on screen itself; and was suggested to publish/circulate the notification without delay after inclusion of necessary modifications.



ISAE Happenings

The 20th Executive Committee Meetings Held on Dated 05.08.2023

The secretary General welcomed all the members of Executive Committee and briefed about salient achievements by the present ISAE executive. Various agendas were discussed in the meeting, highlights of which are as follows:

1. Discussion with Organizing Committee of the 57th ISAE Convention from ISAE Raichur Chapter briefed about the preparedness for the convention and International symposium.
 - a) It was informed that auditorium and seminar halls for different technical sessions are ready. The arrangements of suitable accommodations for delegates, transportation facility from Airport (Hyderabad) to Raichur will be made. Receiving contributions from Industries and alumni have already been initiated. Correspondences and formalities for Institutional funding for the 57th ISAE convention from ICAR, MaWR, NABAD etc. is in progress with close co-ordination with ISAE-HQ.
 - b) Estimated expenditure for different arrangements for the convention is approximately Rs. 60 lakhs and Estimated income from different sources such as registration, Institutions and industry are Rs.30 lakhs, 10 lakhs and 20 lakhs, respectively. The organizing team assured that fund will not be a constraint in organizing the event and saving as promised in the beginning shall be returned. The EC advised to spend funds judiciously and Rs. 60.00 lakh is very high side.
 - c) It was advised that chief guest, guest of honours for the event should be finalized in consultation with ISAE-HQ at the earliest and time should be taken from the VIPs so that last moment changes can be avoided
 - d) Invitation letter to foreign delegates must be sent at earliest on behalf of the President so that the delegates can plan their tour programme well in advance.
 - e) It was advised that weekly meeting should be conducted among Secretary General, Vice President (TC) and organizing committee member to monitor the progress.
2. It was briefed that MIS Alfa Network applied on behalf of ISAE for organizing CIGR event and copy the comprehensive document is submitted to ISAE HQ
3. It was informed by the President that ISAE and ASABE signed umbrella MoU for close collaboration in different events to strengthen the profession. Now there is a need of developing two years activity plan in consultation of ASABE
4. It was decided that to popularize AET magazine among farmers, students, industry and researchers and 50 copies of it will be given to the selected ISAE chapters for selling from magazine corners of respective cities.



ISAE Happenings

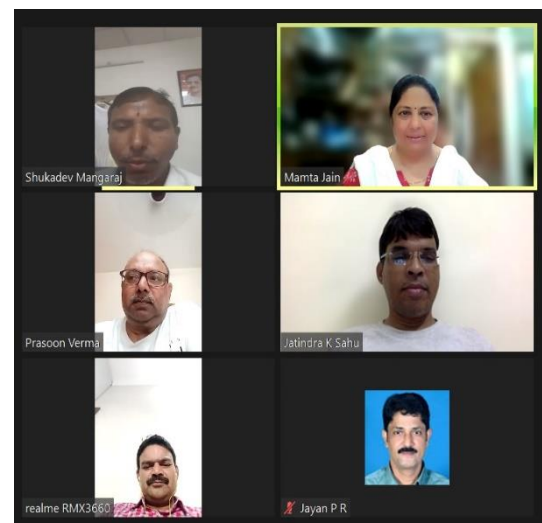
The 20th Executive Committee Meetings Held on Dated 05.08.2023

5. Inclusion of Dr. N.S. Abeysingha, as a member of JAE(I) editorial board was approved by the committee and his name has been reflected in the website of ISAE
6. The Secretary General invited Dr. De, Editor-in-chief JAEI for making presentation on new guidelines, web contents on journal management system for discussion and approval by the EC. After deliberation, the rule & regulation and guidelines for JAE(I) approved by the committee for implementation
7. There is concern about security of uploaded JAEI papers, other data, repository and maintaining the online records. The matter was discussed at length and decided that a legal MoU on revenue sharing basis may be tried with M/s. Cyberlative Pvt. Com, the website provider. Backup of archives paper may also be kept on India journal.com under revised MoU to be signed.
8. All the directors were advised to advertise the forthcoming 57th ISAE convention and International symposium so that large numbers of abstract and full length research papers for convention can be received before the deadline of abstraction submission.
9. President, ISAE advised to call ISAE chapters meeting as per the schedule in byelaws rules or otherwise also to keep them active. The chapters should be motivated to get AET subscribers in their cities so that AET can be sold in large.

The 2nd Meeting of AET Editorial Board Held on Dated 29.07.2023

The 2nd meeting of AET editorial Board was held on 29th July 2023 in online mode, the highlights of editorial board discussion are :

- Automation & Innovation in Food Processing
- 60 % articles on the theme.
- Balance on other verticals, data, news etc.
- 50 % Technical articles, 50 % from the Industry
- Maximum word limit for technical articles including references, tables etc shall be 2000
- Not more than four pages for one technical article
- High resolution author photos with the articles
- Editorial team meetings every 2nd & 4th Saturday @ 3:00 PM



ISAE Happenings

ISAE successfully applied for impact factor of Web of science

ISAE has successfully applied for impact factor of Web of Science (popularly known as Thompson Reuter impact factor that is considered by NAAS for automatic giving NAAS factor).

This hectic job to fulfil all desired documentation and online journal management system, done by Dr. Adlul Islam Principal Scientist NRM Division of ICAR and help/corrections by Dr. Dipankar Dey the chief editor.

ISAE and it's member will always remember their contributions and is thankful to both of them.



THANK YOU FOR YOUR JOURNAL SUBMISSION TO WEB OF SCIENCE.

This is confirmation that your submission for Journal of Agricultural Engineering (India) has been received.

If you have not done so already, please read our [Journal Selection Process Essay](#).

If you need additional information, please [email](#) our Publisher Relations team. We will be in contact once the evaluation has been completed.

The [Master Journal list](#) provides a complete listing of journals in Web of Science.

Best regards,
Web of Science Editorial Team

Notification for ISAE Awards (2023)

ISAE is pleased to announce the invitation for nominations and applications for various awards aimed at acknowledging the remarkable achievements of its members in the field of Agricultural Engineering and their valuable contributions to the profession and society as a whole. These awards are exclusively open to individuals who hold the membership types of Life Member, Corporate Member, or Student Member, as applicable for each specific award.

Name of the Awards and Maximum number of Awards are as follow:

1. Mason Vaugh Agricultural Engineering Pioneer Award (1 award, by Nomination only)
2. ISAE Gold Medal for Life Time Achievements (1 award, maximum 2 awards in exceptional case)
3. Prof Gajendra Singh ISAE Education Gold Medal Award (Maximum 1 Award)
4. ISAE Fellow (Maximum 5 Awards)
5. ISAE Commendation Medal for Professional Achievements (Maximum 7 Awards)
6. ISAE Distinguished Service Award (Maximum 7 Awards)
7. Best JAEI Reviewer Award (Maximum 4 Awards)
8. Best JAEI Research Paper Award (Maximum 4 Awards)
9. ISAE Team Award (Maximum 2 Awards)
10. ISAE Outstanding Book Award (Maximum 1 Award)
11. ISAE Student Paper Award (Maximum 5 Awards)
12. Best Research Paper Presentation Award (Maximum 8 Awards)
13. Best Chapter Award (Maximum 1 Award)
14. ISAE-TAFE Sivasailam Memorial Student Gold Medal Award (Maximum 2 Awards)

Last Date for Nominations/Applications: August 17th, 2023 through mail and August 25, 2023 in the form of hard copy, both are mandatory.

ISAE Happenings

VISIT and Interaction of Dr. Indramani, Ex. President ISAE and Hon.ble Vice chancellor, VNMKV, Parbhani

Dr. Indramani, Ex. President ISAE and Hon.ble Vice chancellor, VNMKV, Parbhani visited NAHEP-IDP project, DBSKKV, Dapoli on 29.08.2023.

Dr. Atul Mohod, Director (EOA) ISAE and Investigator, NAHEP along with Dr. R.T. Thokal, Chairman, ISAE dapoli chapter welcomed him to the NAHEP center and explained all the activities of project.

ISAE Dapoli Chapter, College of Agril. Engg. and Technology, Dapoli has organized the Interaction and discussion session on “Cutting edge and digital technologies”



Dr. Shahare, Associate Dean, CAET, Dapoli, welcomed him with traditional way and introduced the guest in brief. All 21 faculties of agricultural engineering took part in the discussion.

Various issues related to ISAE activities, participation in Asia Association of Agricultural Engineers, cutting edge technologies, and stress free working were discussed.



ISAE Happenings

ISAE Anand Gujarat Chapter, Anand Has Organized An Expert Lecture Event on “Scope, Opportunities & Future in Food Processing Industry”

ISAE Anand Gujrat organised an expert lecture on 25-08-2023, the lecture’s *main objective was to* motivate students to work in industry and encouraging them to become entrepreneur. Dr. S. S. Kapdi, Chairman, ISAE Anand Gujarat Chapter, Anand, welcomed all attendees and provided a brief overview of the expert lecture's objective. He gave a brief introduction of ISAE and highlighted its role in policy making and promoting industry-academia relations through presentation. He explained how the enrolling to ISAE membership can benefit the students in boosting their career and encouraged them to utilize the opportunity.

Dr. Samit Dutta, Principal & Dean, College of FPT&BE, Anand, also addressed the students and emphasized the need of these type interactive sessions with professional bodies like ISAE which help students in choosing their career options. Dr. A. K. Sharma, Secretary, ISAE Anand Gujarat Chapter, Anand, gave a brief introduction about the keynote speaker, his journey, passions and success story. He described Dr. Suraj Savalia (Expert) as “Genuine Suraj, shining the light of excellence”

Dr. Suraj Savalia, the keynote speaker, delivered a comprehensive presentation on “Scope, opportunities & future in food processing industry”. He appreciated the institution’s efforts for organizing interactive sessions with industries and promoting industry-academia collaborative approach for seeking career opportunities. The presentation covered the following significant points:

- Food industry as sunrise industry
- Challenges and opportunities in Food Processing sector
- Approaches to seek opportunities from challenges
- Gap minimization between industries and academic institutions
- Financial assistance from different government policies for start-ups in Food processing sector
- Success journey of Patson Foods (India) Pvt. Limited



ISAE Happenings

ISAE Dapoli Chapter, College of Agril. Engg. and Technology, Dapoli Has Organized Interaction and Discussion Session on “Water Resources and Utilization in Maharashtra” on 03.05.2023 for Students and Faculties.

Dr. Suresh Kulkarni, Fellow ISAE; Former Secretary, Maharashtra Water Resources Regulatory Authority (MWRRA), GoM, Maharashtra; Ex. Executive Secretary of ICID, New Delhi; Advisor to Tata Institute of Social Sciences; currently advisor to World Bank’s PO CRA project and Water Resource Department of was present for the interaction and discussion.

Dr. R. T. Thokal, Chairman, ISAE Dapoli chapter welcomed him with traditional way and introduced the guest in brief.

Dr. Kulkarni delivered the lecture on the topic in detail and good interactions with students and faculty regarding the opportunities for Agril. Engineer’s in water resource department and need of the day.

Dr. Shahare, Associate Dean, CAET, Dapoli, Dr. Atul Mohod, ISAE Technical Director (EOA), total sixty students and 14 faculty members were present for the function. Er. M.B.Patil conducted the program and Dr. H.N. Bhange, Secretary presented the vote of thanks



ISAE Happenings

Awareness Campaign for Undergraduate Students at GIFT Campus, Bhubaneswar by ISAE, Odisha Chapter

ISAE, Odisha chapter and Gandhi Institute for Technology (GIFT), Bhubaneswar jointly organized an awareness campaign for the under graduate students at GIFT campus on 23-06-2023. Dr. Md. K. Khan, Professor gave the welcome address and Dr. S. Swain, HOD, Agricultural Engineering, GIFT briefed students about the objectives of the programme.

Dr. S. Maharana, Principal, GIFT encouraged students to work for the farmers and apply advanced technology in agriculture for drudgery reduction.

Dr. A. K. Goel, Chairman, ISAE Odisha chapter sensitized students about ISAE and scope of Agricultural Engineering profession.

Dr. U. S. Pal, Secretary of the Chapter presented on the benefits and procedure for becoming the student member of the society



ISAE Happenings

Invitation for 57th ISAE Convention and International Symposium

Indian Society of Agricultural Engineers (ISAE), New Delhi and College of Agricultural Engineering, University of Agricultural Sciences, Raichur (Karnataka) Jointly Organizing 57th Annual Convention of Indian Society of Agricultural Engineers On Agri-Food Systems' Transformation through Engineering Innovations and International Symposium On Engineering Interventions for Making Millets a Global Food at UAS, Raichur from 6th to 8th November, 2023.

You are cordially invited to join the conference by submitting your abstract, research papers and industry success stories. Also encourage your students to join it.

Agriculture, Horticulture, Veterinary, Fisheries, Dairy, Food Science and Technology, Home Science, Microbiology, Biochemistry, Textile, Civil, Mechanical, Chemical Engineering etc related disciplines including Agricultural Engineering are considered (See Brochure for detailed themes)

Details of IASE Convention and Brochure can be downloaded from below given link:

<https://isae.in/2023/04/03/the-57th-isae-annual-convention-and-international-symposium-2023-to-be-held-during-november8-6-8-2023-at-uas-raichur-karnataka/>

https://drive.google.com/file/d/14tq1m90_T65_LMviEIA1hpCBcNEjfGRS/view?usp=drive_link

For registration please use the below link:

<https://forms.gle/YYnZ6BusfB4bsu6s6>

For sponsorship registration please use the below link:

<https://forms.gle/6eztdEMkZDkuBHXw7>



57th Annual Convention of Indian Society of Agricultural Engineers (ISAE) on Agri-Food Systems' Transformation through Engineering Innovations

6-8 November, 2023 University of Agricultural Sciences, Raichur

International Symposium on Engineering Interventions for Making Millets a Global Food

Jointly organised by

Indian Society of Agricultural Engineers New Delhi & University of Agricultural Sciences Raichur, Karnataka (India)

isaecaer2023@uasraichur.edu.in
https://www.uasraichur.edu.in

Chintan Shivir Organized by the MoA&FW and DARE, Indian Council of Agricultural Research (ICAR)

The Chintan Shivir organized by the Ministry of Agriculture and Farmers Welfare and Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR) on 7th July 2023 and was inaugurated by Union Agriculture and Farmers Welfare Minister Shri Narendra Singh Tomar.

It happened in the special presence of Minister of State for Hospitality Shri Kailash Choudhary and Ms. Shobha Karandlaje and Member of NITI Aayog Shri Ramesh Chand. The objective of the camp was to prepare a future action plan by deliberating on issues such as meeting future needs, increasing exports and modernizing Indian agriculture

- i) Develop strategies to make agriculture climate resilient
- ii) Address issues and challenges related to integrated nutrient management, promote balanced use of fertilizers, enhance soil fertility, and establish an eco-sustainable farming system
- iii) Synergy among various organizations-stakeholders to harmonize eco-friendly approach to plant protection
- iv) Advanced Natural Farming Systems to ensure sustainability
- v) Strengthening of extension services and focus on digitization of extension system to increase effectiveness and reach
- vi) State-level strategy formulation to promote exports and strengthen export-oriented supply chains
- vii) Changing the focus from 'Production Oriented Approach' to "Marketing Oriented Approach" by leveraging potential private players in every possible intervention in the sector through Producer Partnership, issues are being contemplated.



Meeting of Agriculture and Farmers Welfare Minister Mr. Singh Tomar and Australia Ministers of Agriculture, Fisheries and Forestry

New Delhi, July 3, 2023, Agriculture and Farmers Welfare Minister Shri. Narendra Singh Tomar and Australia Ministers of Agriculture, Fisheries and Forestry met today at Krishi Bhavan, New Delhi with Senator Mr. Murray Watts Hui. During this, opportunities for deepening bilateral agriculture relations between the two countries were discussed.

Australian Minister is on an official visit to India from 2 to 5 July 2023. At the outset, welcoming the Australian delegation, Union Minister Shri Tomar noted the close ties with Australia and the growing trade ties, especially in the agriculture sector.

He thanked the Australian Minister for taking out time to visit India, as the Australian Minister was unable to attend the G-20 Agriculture Ministers' Meeting in Hyderabad due to his parliamentary commitments. He thanked Australia for its support during the G-20 deliberations and in particular for the "International Millets and Other Ancient Cereals Research Initiative (Maharishi)"

Australian Minister Mr. Watt congratulated Agriculture Minister Mr. Tomar for successfully hosting the G-20 Agriculture Ministers' meeting and expressed regret for not being able to attend the G-20 Agriculture Ministers' meeting. They appreciated the growing agri-trade ties between the two countries and expressed their desire to expand cooperation in other areas as well.



Parliamentary Panel Pitches for Use of Tiny Robots and AI for Farm Operations to Deal With Problems of Fragmented Land

Flagging poor penetration of use of farm machines among vast majority of farmers due to their small land holding, a parliamentary panel has recommended that the government should strive hard to promote agriculture mechanization for small and marginal farmers, and pitched for use of “tiny robots and Artificial Intelligence (AI)” for Indian farm operation in future to deal with the problem of fragmented land.

The panel-standing committee on agriculture that submitted its report in parliament in Friday- also felt that the opening of National Institutes of Agriculture Robotics & artificial Intelligence is required to keep pace in development in agriculture at national and international level. It said a “concerted effort with multidisciplinary approach” is needed for timely development in the direction of use of AI and robots in the farm sector.

In India, there are 86% small and marginal farmers having less than two hectares of land holdings. Noting the ground reality, the committee headed by BJP member , PC Gaddigoudar said, “unless machines appropriate for small holdings are made available or substantial farm amalgamation takes place, it is difficult for the small and marginal farmers to purchase their own machinery.”

Currently the overall agriculture mechanization level of the country is 47% which is comparatively lower than that of other developing country such as China (60%) and Brazil (75%). Underlining importance of farm mechanization in India as it plays a key role in improving agriculture production, productivity and efficiency, the panel in its report flagged how the current use leads to saving in seed (15-20%), fertilizer (15-20%) improvement in germination rate (7-25%) , saving in time (20-30%), in weed (20-40%) and labour (20-30%) besides increase in cropping intensity (5-20%) and increase in crop yield (13-23%). It is therefore, sought the govt. to strive hard to achieve a level of 75% in farm mechanization from present level of 47% in a much shorter period.

The committee desires the govt. to follow up with allied govt. deptt. and try to find portability of farm equipment suitable to small and marginal farmers as they are not in position to buy huge farm equipment's and cannot use these equipment's in cost effective way as their land holdings are very small”

The panel also recommended that to monitor and implement the govt. policy and programme of mechanization more effectively and efficiently , a Directorate of Agricultural Engineering is needed in each state,

Source:

http://timesofindia.indiatimes.com/articleshow/102065950.cms#amp_tf=From%20%251%24s&ao_h=169029329288&csi=1&referrer=https%3A%2F%2Fwww.google.com?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst



Celebration of Akshay Urja Day

Akshay Urja Day is observed annually on August 20 to raise awareness regarding the importance of renewable energy. The day also coincides with former Prime Minister Rajiv Gandhi's birth anniversary. The main goal of celebrating the day is to create awareness about the energy generated by using the natural resources like hydroelectric power, solar energy, wind energy and biogas.

Collage of Agricultural Engineering & Technology, DBSKKV Dapoli celebrated Akshay Urja Divas 2023





II Invitation II

Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth
College of Agricultural Engineering & Technology, Dapoli

SILVER JUBILEE YEAR
(1999 - 2024)

Cordially invite you to celebrate

AKSHAY URJA DIWAS 2023

20th August 2023 | 10:00 am | Seminar Hall, CAET, DBSKKV, Dapoli

President

Dr. Sanjay Bhave
Hon. Vice Chancellor, DBSKKV, Dapoli

Chief Guest

Dr. P. A. Sawant
Director of Extension Education,
DBSKKV, Dapoli

Dr. P. S. Bodake
Dean, Director of Instruction,
DBSKKV, Dapoli

Dr. Y. P. Khandetod
Director of Research,
DBSKKV, Dapoli

Speaker's

Mr. V. E. Shivtare
Executive Engg. MSEP
Khed

Mr. Devesh Pimpale
General Manager, Reliance
Power Mumbai

R. S. V. P.

Dr. A. G. Mohod
Prof. and Head deptt. of REE CAET,
DBSKKV, Dapoli

Dr. P. U. Shahare
Associate Dean, CAET,
DBSKKV, Dapoli

Organized By
Department of Renewable Energy Engineering, CAET, DBSKKV, Dapoli

College of Agricultural Engineering & Technology, DBSKKV, Dapoli Silver Jubilee Year of CAET, Dapoli Celebration of Akshay Urja Diwas - 2023

10.00 to 10.05 am	: Welcome of Guest	: Associate Dean
10.05 to 10.10 am	: Lightening of Lamp	: By The Hand of Guest's
10.10 to 10.15 am	: Introduction	: Dr. A. G. Mohod
10.15 to 10.30 am	: Special Lecture	: Mr. V. E. Shivtare, Executive Engg.MSEB, Khed
10.30 to 10.45 am	: Special Lecture (Online)	: Mr. Devesh Pimpale General Manager, ReliancePower Mumbai
10.45 to 11.00 am	: Remark of	: Chief Guest
11.00 to 11.10 am	: Remark of	: Associate Dean, CAET, Dapoli
11.10 to 11.15 am	: Display of Winner e-posters Competition and Certificate distribution	:
11.15 to 11.25 am	: Presidential Address	: Hon'ble Vice Chancellor
11.25 to 11.30 am	: Vote of thanks	: Er. P. P. Chavan
11.30 to 12.00 am	: Snacks and Tea	:

ICAR-CIRCOT Mumbai signed MoU for Electrospinning Technology

Dr. S. K. Shukla, Director, ICAR-Central Institute for Research on Cotton Technology, Mumbai signed the Memorandum of Understanding (MoU) with M/s. Nanospin Technologies LLP, Ahmedabad for technology mentoring and incubation in the field of “Development of value-added products using electrospinning technology” on 23rd August 2023

ICAR-CIRCOT has been working for more than a decade on electrospinning machine development and its various applications. The institute has developed different configurations of electrospinning systems and spinneret for increased nanofibers productivity. Electrospinning is a technique to produce nanofibers by applying high voltage to the conducting polymers.

M/s. Nanospin Technologies LLP is a start-up company located at Ahmedabad, Gujarat. They are working on the development of indigenous electrospinning machine for production of nanofibers.

The technology inventor, Dr. GTV Prabu along with the technology mentoring team from ICAR-CIRCOT were also present. He mention that under this MoU, ICAR-CIRCOT will provide technical guidance to produce different biopolymer-based nanofibers using the in-house developed needle electrospinning setup and value-added product using electrospinning technology.

(Source: ICAR-CIRCOT Mumbai)



Millets Strengthen Relations Between India and African Nations

The eagerly anticipated India-Africa International Millet Conference (30-31 August 2023) had a vibrant launch of the countdown to the Conference with a curtain-raiser event on 6 July 2023 in Nairobi, Kenya. The Honorable Cabinet Secretary for Agriculture, Ministry of Agriculture and Livestock Development, Government of Kenya, inaugurated the event.

The Conference, hosted by the Ministry of Agriculture and Farmers Welfare, Government of India, and the Ministry of Agriculture and Livestock Development, Government of Kenya, with the support of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), commemorates the UN International Year of Millets 2023. The event will raise public awareness on South-South exchange and collaboration opportunities as well as the nutrition and health benefits of millets and their suitability for cultivation under tough conditions exacerbated by climate change.

The curtain-raiser event was graced by HE Mithika Linturi, Cabinet Secretary, Government of Kenya, Shubha Thakur, Joint Secretary (Crops), Government of India, and Dr Jacqueline Hughes, Director General, ICRISAT with HE Namgya Khampa, High Commissioner of India to Kenya. The Conference logo and website were unveiled by the dignitaries. Officials from the agricultural sector of Kenya, members of the diplomatic community, international agricultural research leaders, farmers and representatives from the private sector.

Source – ICRISAT news bulitem



ISAE Signed MoU with ASABE

ASABE and ISAE are both professional organizations engaged in agricultural and biological engineering development at the international level, enhanced cooperation between the two is of mutual benefit. With the objective, both agree on the following cooperative measures:

1. ISAE and ASABE shall seek ways to cooperate in developing relevant standards and nomenclature information.
2. ISAE and ASABE agree to facilitate the exchange of knowledge and opportunities for students, early career professionals, faculty, and professionals.
3. ISAE and ASABE shall seek opportunities to cooperate on training courses, symposia, workshops, and conferences, with particular attention given to conferences on specific subjects.
4. Members of one organization shall be eligible to participate in symposia and conferences of the other under the sponsoring organization's membership terms.
5. ISAE and ASABE agree to explore and identify publication opportunities beneficial to both organizations.
6. ISAE and ASABE agree to promote mentor-mentee exchange between members of both organizations.





ISAE Signed MoU With ASABE For AET



AGREEMENT for GLOBAL ENGAGEMENT

between

Indian Society of Agricultural Engineers (ISAE)

and

American Society of Agricultural and Biological Engineers (ASABE)

Since ASABE and ISAE are both professional organizations engaged in agricultural and biological engineering development at the international level, enhanced cooperation between the two is of mutual benefit. With the objective, both agree on the following cooperative measures:

1. ISAE and ASABE shall seek ways to cooperate in developing relevant standards and nomenclature information.
2. ISAE and ASABE agree to facilitate the exchange of knowledge and opportunities for students, early career professionals, faculty, and professionals.
3. ISAE and ASABE shall seek opportunities to cooperate on training courses, symposia, workshop and conferences, with particular attention given to conferences on specific subjects.
4. Members of one organization shall be eligible to participate in symposia and conferences of the other under the sponsoring organization's membership terms.
5. ISAE and ASABE agree to explore and identify publication opportunities beneficial to both organizations.
6. ISAE and ASABE agree to promote mentor-mentee exchange between members of both organizations.

This agreement is subject to revision and termination at any time by mutual consent or 90 days written notice by either party.

According to this Agreement for Global Engagement, the cooperation will start upon signature by both parties at the Omaha Annual International Meeting (AIM), July 9-12, 2023. This agreement will be implemented through biennial work plans to be developed jointly by ASABE and ISAE. Work plans may originate from either party but will require the full approval of both parties for implementation.

Authorized Representative
Indian Society of Agricultural Engineers

Dr. Shyam N. Jha
President
Indian Society of Agricultural Engineers

Date: July 10 2023

Authorized Representative
American Society of Agricultural and Biological Engineers

Keith G. Thayer
President
American Society of Agricultural and Biological Engineers

Date: 7/10/2023

Agreement for Global Engagement:
Indian Society of Agricultural Engineers (ISAE) and
American Society of Agricultural and Biological Engineers (ASABE)



ISAE Signed MoU With EBSCO

ISAE signing MoU with EBSCO for hosting our JAEI for indexing and dissemination of its content worldwide

ISAE has achieved another milestone today by signing MoU with EBSCO for hosting our JAEI for indexing and dissemination of its content worldwide which was very much needed and ISAE achieved that.

In addition EBSCO will also pay 20 % royalty earned by it to ISAE based on paper read/sold/downloaded etc from EBSCO site. EBSCO" is an acronym for Elton B. Stephens Company based in USA. EBSCO Industries has annual sales of about \$3 billion and is one of the most prestigious indexing agency.

Students Training at ICAR-CIRCOT, Mumbai



ICAR-CIRCOT Mumbai has started accepting B. Tech and M. Tech students for training of 1-3 months and 3-6 months project work. Interested College/ University can write to Head, ETDD, CIRCOT, Mumbai for details of fees and availability of seats.

Contact person:

Dr D M Kadam

Principal Scientist and Head Engineering Technology Transfer Division (ETDD), ICAR CIRCOT Adenwala Road Matunga East Mumbai, E mail dmkadam11k@gmail.com

ICAR-IGFRI, Jhansi Develops Forage Seed Coating Machine



Dr. Amit K Patil

ICAR-IGFRI, Jhansi got certificate of technology development from ICAR. Certificate has been awarded for the development of forage seed coating cum treatment machine. It works @ 6 q/hr, disinfect seeds, improves storage life and field performance of forage seeds. Dr. Amit Kumar Patil And his able team lead to the research and put their hard work to develop the technology.



Forage seeds are susceptible to insects and pests during storage and sowing resulting low germination and contamination. Seed coating is the solution to overcome this problem which refers to the application of fungicide, insecticide, or a combination of both, to seeds so as to disinfect them from seed-borne or soil-borne pathogenic organisms and storage insects. The seed coating machine has been designed and developed to apply/coat chemical agents precisely to the forage seeds surface prior to sowing and during storage in order to control or repel pathogens, insects and other pests that attack seeds, seedlings or plants. The capacity of developed seed coating machine is 6 quintal per hour. It can be easily used for coating of range of forage seeds i.e. Berseem, Cowpea, Sorghum etc.

The support by Dr Amaresh Chandra, Director and other staff of ICAR-IGFRI, Jhansi is duly acknowledged here.



(Source: Dr. A K Patil, IGFRI, Jhansi)

Less Water, Higher Yield: PAU Patented Hydroponics Tech Could be a Game Changer



Dr. V. P. Sethi

The Punjab Agricultural University (PAU), Ludhiana developed and patented the first indigenous Hybrid Hydroponic Technology (HHT). Dr V P Sethi, the Head of the department of Mechanical Engineering of College of Agril. Engg., PAU, Ludhiana has been the key person behind the development. This technology could reduce water wastage by 90%. In order to mitigate future need of ever increasing demography, a technology like HHT is needed for many reasons. Dr Sethi has dedicated nearly three decades of his life to researching and developing sustainable technologies. He has been there in list of 2 % elite scientists of Stanford University, USA. After spending five years on research and development with a very small team of scholars and scientists from the Department of Botany, Chemistry, Soil and Vegetable Sciences, Dr. Sethi was able to crack the code. Using HHT helps in improved water and nutrient perforation and recirculation systems for pot-based substrate hydroponics.

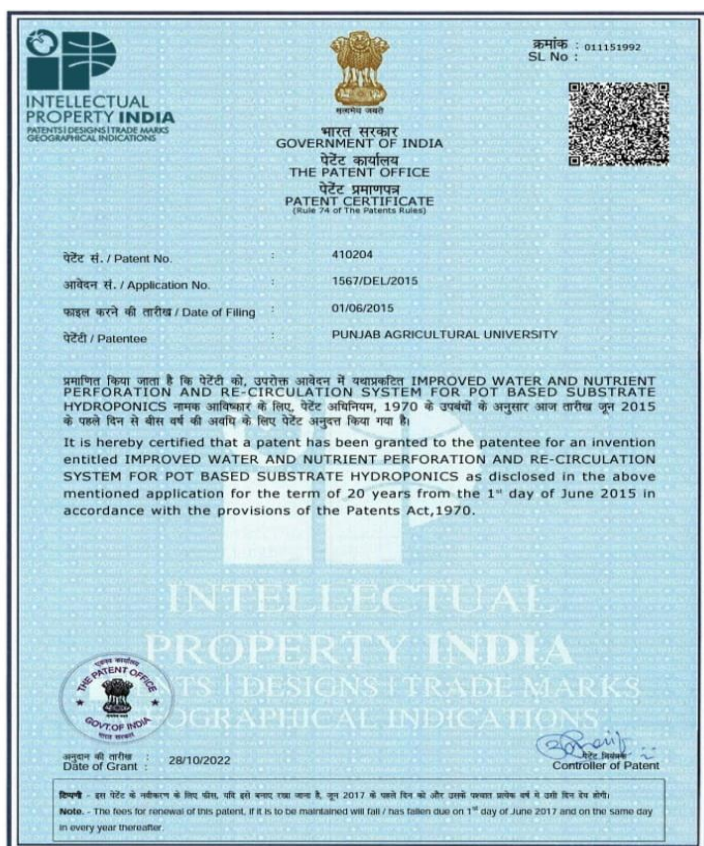
During his postdoctoral fellowship in the US, Dr Sethi took this idea from a Korean professor Dr. Chiwong Lee. PAU got the Indian Patent for HHT in 2022. There are two types of hydroponics: water-based and substrate based. The present investigation of hybrid technology merges the two to use the best of both technologies. They developed a small greenhouse with a capacity of 250 plants. It took nearly two years to fully develop the technology and it was tested for another three years before applying for a patent rights

While the concept of soil-less farming is not unknown to us, what he noticed was that the technology uses water from reservoirs and passes it to the pots. The water that was not taken by the plants would go to waste. While, in HHT, this water is saved by using the technique of recirculation. The lower part of the pot contains the shallow water pond and the upper part of the pot carries the substrate. A porous plate between the two is the innovation as it carries equivalent pressure at both the upper and lower end of the pot. This allows the roots to breathe and grow, and from the top, they would get ample oxygen. In the recirculation mode, about 90% water could be saved as no drop of water is allowed to go to waste.



Less Water, Higher Yield: PAU Patented Hydroponics Tech Could be a Game Changer

The required minerals and nutrients are sprayed on the plants to ensure that the fruit is the best in quality. The new technology has been tested for cultivating cucumber, tomato, and capsicum crops and it is established that the technology accelerated growth and yielded higher produce compared to prevalent pot-based systems like the bato bucket (inspired by Dutch technology) and grow bag-based systems (non-recirculation type, inspired



by Israeli technology) in the realm of soilless cultivation. The method is not labor intensive and the timers that are set in advance that provide and sprinkle required nutrients according to the plant's requirements. The most important reason is that there is a lot of barren land in India that can be used for this purpose. Besides, this technology allows farmers and gardeners to grow food anywhere, from a closed room to a small terrace.

The *swadeshi* (made in India) HHT saves the cost by three times. India is a country of small land holdings and the technology is especially designed to accommodate small-scale farmers. Our motto is to focus on "sabka vikas" (development for all) and this technology does the same

Dr. Sethi has acknowledged the support of Dr. S. S. Gosal, Hon'ble Vice Chancellor and Dr. B S Dhillon, Former Vice Chancellor of PAU, Ludhiana and Panjab Govt. for rendering the funds under RKVY.

Industry Problems-Academia Solutions Conclave (iPAS 2023) Organized by ISAE & ICAR

Industry Problems-Academia Solutions Conclave (iPAS 2023) was jointly organized by the Delhi Chapter of the Indian Society of Agriculture Engineers, Headquarters Delhi, and ICAR - Indian Agricultural Research Institute, New Delhi from 27-28th July 2023.

The Chief Guest, Dr. K. K. Singh, Vice Chancellor, Sardar Vallabh Bhai Patel University of Agriculture and Technology, Meerut said India requires a fast pace of development in almost all sectors and such a high growth rate could only be achieved by the joint efforts of Academia and industries.

Dr. SN Jha, Deputy Director General (Engineering), ICAR and President, ISAE; Dr. A. Vishnuvardhan Reddy, Vice Chancellor, ANGARU, Guntur; Shri. A. Vaseharan, General Manager, NABARD RO Delhi and Dr. Sayed Ismail, Director, SIFA Sanpra Systems Pvt. Ltd., Mumbai were the Guests of Honour and addressed the conclave.

The Conclave attracted more than 200 delegates including 30 Industry partners, three progressive farmers, 2 start-ups and more than 150 academicians/researchers. The Conclave also showcased industrial products and technologies in the exhibition.

The Chief Guest of the Valedictory function, Dr. Trilochan Mohapatra, Chairman, PPVFRA, Ministry of Agriculture and Farmers Welfare, GOI, and former Secretary DARE and DG, ICAR emphasized the development of need-based technologies led by policy, nurturing young minds to bring out innovative solutions. The programme was coordinated by Dr. P.S. Brahmanand Project Director, Water Technology Centre and his team.



(Source: Water Technology Centre, New Delhi)



Up coming Events



INTERNATIONAL WORKSHOP ON FOOD LOSS AND WASTE PREVENTION IN SOUTH ASIAN REGION

October 30- November 01, 2023

National Agricultural Science Complex (NASC), New Delhi

THEMES

- *Assessment and Impact of Postharvest Losses and Food Waste*
- *Prevention of Postharvest Losses in the supply chain*
- *Prevention of Food Waste in Households and Community Activities*
- *Role of Food Bank Networks and Circular Economy*

Organizers:

*Indian Council of Agricultural Research (ICAR) &
Thünen Institute Germany*

*For more information, contact:
Division of Agricultural Engineering
Indian Council of Agricultural Research, New Delhi
Email: fbw.icar@gmail.com*



Up coming Events



Information Brochure

The Institution of Engineers (India)

A Century of service to the Nation



35th National Convention of Agricultural Engineers & National Seminar on Emerging Technologies for Advances in Agriculture & Horticulture

12th – 13th September 2023

ORGANISED BY

The Institution of Engineers (India)
Jabalpur Local Centre

&

ICAR – NAHEP

Center of Advance Agricultural Science and Technology
College of Agricultural Engineering
Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Under the Aegis of

Agricultural Engineering Division Board, IEI

Supported by

Council of Scientific & Industrial Research
M P Council of Science & Technology
Ministry of New and Renewable Energy

VENUE

College of Agricultural Engineering
Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur- 482004

Students Training at ICAR-CIRCOT, Mumbai



Dr. K. Alagusundaram, Ex. DDG (Engg.) received prestigious “Tamil Mamani Award 2023”.



Shri. Vilas Shinde, Chairman, Sahyadri Farms, Nashik is the first person to receive Maharashtra Industrialist Award-2023 in field of Agriculture based Industries.



Dr. D. M. Kadam, Head, ETTD, CIRCOT, Mumbai received Shri. Nilesh Patel (NK Proteins) Innovation awards for Cottonseed & Cottonseed Oil Supply Chains

ISAE congratulates you all on your great achievements!

New Appointments / Retirement



Dr. K. Alagusundaram appointed as CEO of TN-APEX (Tamil Nadu Food Processing and Agri Export Corporation).



Dr. Sandeep Mann joined as Head, AS & EC, ICAR-CIPHET, Ludhiana



Dr. D.K. Vatsa took over as the officiating Vice Chancellor of Chaudhary Sarwan Kumar Himachal Pradesh Agriculture University, Palampur on August 22, 2023.



Dr. D. M. Kadam, joined as Head, ETTD, ICAR-CIRCOT, Mumbai



Dr. V. Palanimuthu joined as Director of National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Tanjavur. Previously, he has served at UAS, Bangaluru in various position.



Dr. S K Singh joined as Head, Farm Machinery and Post Harvest Technology Division, ICAR-IGFRI, Jhansi



Dr. H. S. Oberoi joined as Director of National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Kundali. Previously, he has served at CIPHET, Ludhiana, IIHR, Bangaluru and as Advisor to FSSAI, GoI.



Dr. L. K. Nayak joined as Head, ToT, ICAR-NINFET, Kolkata

ISAE congratulates you all on your great achievements!



Dr. Y. P. Khandetod got retired as Director of Research, Dr. Balasaheb Sawant Konkan Krishi Vidyapeet, Dapoli on Aug. 31, 2023.

ISAE wishes you a happy retired life!

New Members

Life Members

S. No.	Membership	Name
1	LM-12642	Er. Kripanarayan Shukla
2	LM-12643	Er. Khobragade Udaykumar Hivaraj
3	LM-12644	Dr. Prakash Kumar Jha
4	LM-12645	Er. Jijnasha Bal
5	LM-12646	Er. Chatarajupalli Hari
6	LM-12647	Er. Anshu Kumari
7	LM-12648	Dr.. Pothula Srinivasa Brahmanand
8	LM-12649	Dr. Jawale Laleet Janardan
9	LM-12650	Er. Karishma Kumari
10	LM-12651	Dr. Uday Mandal
11	LM-12652	Dr. Sridhar Patra
12	LM-12653	Er. Stanzin Angmo
13	LM-12654	Er. Chandan Roy
14	LM-12655	Dr. Saurabh Singh
15	LM-12656	Er. Kolambe Sanket Chandrakant
16	LM-12657	Er. Rohit Butale
17	LM-12658	Dr. Kaushik Luthra
18	LM-12659	Dr. Avdhoot Ashok Walunj
19	LM-12660	Dr. Vikas Kumar Singh
20	LM-12661	Dr. Mukesh Kumar Mehla
21	LM-12662	Er. Potdar Pratik Pandit
22	LM-12663	Er. Mohd Zaqi Sheikh
23	LM-12664	Er. Sandeep Janardan Tambe
24	LM-12665	Dr. Pooja Rajendra Pawar
25	LM-12666	Dr. Shalini Gaur Rudra
26	LM-12667	Er. Rajesh Yadav
27	LM-12668	Dr. Pravin Deorao Jawake
28	LM-12669	Dr. Srinivas G
29	LM-12670	Er. Ambre Priyanka Kailas
30	LM-12671	Er. Manjit Khatal
31	LM-12672	Er. Pooja Padmakar Thul

Corporate/Institutional Member

S.No.	Membership	Name
1	CM-111	Tirth Agro Technology Pvt. Ltd. "SHAKTIMAN"

New Members

Annual Members

S. No.	Membership	Name
1.	M-230717	Er. Cecil Timothy
2.	M-230818	Er. Dhanashree Rajaram Korade
3.	M-230819	Er. Rahul Krishnaji Sawant
4.	M-230820	Er. Manjeet Singh Doad
5.	M-230821	Dr. Boris Huirem
6.	M-230822	Er. Umesh Agarwal

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S. No.	Membership	Name
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2.	SM-2306164	Sabaridharsan S S
3.	SM-2307165	M Jawahar
4.	SM-2307166	Preethi D
5.	SM-2307167	Sandeep Kumar
6.	SM-2307168	Bhubaneshwar P
7.	SM-2307169	Priya Dharshini R
8.	SM-2307170	Nikhil Dattatray Pawar
9.	SM-2307171	J.salini
10.	SM-2307172	KARAN P
11.	SM-2307173	Mohanlal B
12.	SM-2307174	Mouneedharan A
13.	SM-2307175	GIRIPRASAD K
14.	SM-2307176	DINESH BABU V
15.	SM-2307177	KALAIYARASU T
16.	SM-2308178	Mohite Satyajeet Rajendra
17.	SM-2308179	Tanmay Nilesh Gujar
18.	SM-2308180	Rohan
19.	SM-2308181	Nivetha Kolandasamy
20.	SM-2308182	Dhanusree.S
21.	SM-2308183	Sri varshini
22.	SM-2308184	Gurunaathan. E. T
23.	SM-2308185	Boobesh. K
24.	SM-2308186	Nithin K J
25.	SM-2308187	M. Subash

New Members

Student Member

S. No.	Membership	Name
26.	SM-2308188	Saron Raja R
27.	SM-2308189	BOOJA V A
28.	SM-2308190	Kavinkumar K
29.	SM-2308191	Vishnu S
30.	SM-2308192	Kishore N
31.	SM-2308193	Arun T
32.	SM-2308194	Nagaeswaran K
33.	SM-2308195	Kavya
34.	SM-2308196	Niranchani. S
35.	SM-2308197	Srinithi
36.	SM-2308198	Arunvel. R
37.	SM-2308199	ARUN
38.	SM-2308200	Akalya K
39.	SM-2308201	Santhosh K
40.	SM-2308202	Aswin K A
41.	SM-2308203	Janakavi M. K
42.	SM-2308204	Deepika.S
43.	SM-2308205	Rajalakshmi. V
44.	SM-2308206	Priya.v
45.	SM-2308207	Sabarinathmanikandan M
46.	SM-2308208	Rinoja Sherin D
47.	SM-2308209	Vinothini K
48.	SM-2308210	Saranya P
49.	SM-2308211	Lakshminarasimhan Vr
50.	SM-2308212	Munikrishna.K
51.	SM-2308213	Afsal A
52.	SM-2308214	A.Prakash
53.	SM-2308215	JAGADEESH S
54.	SM-2308216	Gokul
55.	SM-2308217	Kesava Perumal M
56.	SM-2308218	P.Suresh kumar
57.	SM-2308219	Mathankumar A
58.	SM-2308220	Santosh Mahto
59.	SM-2308221	SNEKA M
60.	SM-2308222	Dhuwaraka T
61.	SM-2308223	Vinitha E
62.	SM-2308224	Girisha v

New Members

Student Member

S. No.	Membership	Name
63.	SM-2308225	Valavan T M
64.	SM-2308226	Thirumala.M
65.	SM-2308227	Kalaiyarasi Marappan
66.	SM-2308228	Sandhiya. E
67.	SM-2308229	Swetha J
68.	SM-2308230	Senthilkumar. V
69.	SM-2308231	Stephanraj M
70.	SM-2308232	Jagatheesan S
71.	SM-2308233	Ramkumar K
72.	SM-2308234	Sridhar R
73.	SM-2308235	Mahalakshmi
74.	SM-2308236	Shanmathi T
75.	SM-2308237	Nikita EG
76.	SM-2308238	Megha A
77.	SM-2308239	Dhanushiya .R.S
78.	SM-2308240	Arun Kumar S
79.	SM-2308241	Sandesh Ramesh Mohite
80.	SM-2308242	Payal Bhikaji Joshi
81.	SM-2308243	Kute Adesh Baban
82.	SM-2308244	Kadam Saurav Bajirao
83.	SM-2308245	Mohite Nitesh Uttam
84.	SM-2308246	Kharade Pratik Mohan
85.	SM-2308247	Kumbhar Shubham Kaluba
86.	SM-2308248	Khake Mallikarjun Sanjay
87.	SM-2308249	Dhotre Suyog Vijay
88.	SM-2308250	Patil Prerana Pandurang
89.	SM-2308251	Dupate Janhavi Sunil
90.	SM-2308252	Thakur Sakshi Suresh
91.	SM-2308253	Nishant Dhairysing Rajput
92.	SM-2308254	Desai Sakshi Dada
93.	SM-2308255	Raj Santosh Sangare
94.	SM-2308256	Pawar Sakshi Raghavendra
95.	SM-2308257	Patil Kalyani Bajirao
96.	SM-2308258	Deshmukh Prajakta Ravindra
97.	SM-2308259	Mengal Akshata Rama
98.	SM-2308260	Mhapralkar Sanika Sandip
99.	SM-2308261	Angane Gauri sitaram

New Members

Student_Member

S. No.	Membership	Name
100.	SM-2308262	Trimbakkar Linata Rajan
101.	SM-2308263	Choukekar Disha Dhananjay
102.	SM-2308264	Umbare Samruddhi Mallikarjun
103.	SM-2308265	Waydande Aditi Anil
104.	SM-2308266	Kajave Anagha Mangesh
105.	SM-2308267	Tendulkar Rutuja Rakesh
106.	SM-2308268	Indulkar Siddhi Sandil
107.	SM-2308269	Utkarsh Pravin Thakare
108.	SM-2308270	Arya Dipak Khedekar
109.	SM-2308271	Gaurav Bhalchandra Ghadage
110.	SM-2308272	Siddhesh Ramling Mangale
111.	SM-2308273	Vaibhav Santosh Taralekar
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115.	SM-2308277	Pranav Prabhakar Kamble
116.	SM-2308278	Eesh Damodar Prabhu Desai
117.	SM-2308279	Gargi Pritam Rane
118.	SM-2308280	Viraj Amale



ISAE Executive Committee

S. No	Name	Position	Email	
1.	<u>S.N. Jha</u>	President	president@isae.in snjha_ciphet@yahoo.co.in	
2.	<u>Indra Mani</u>	Immediate Past President	past_president@isae.in maniindra99@gmail.com	
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4.	<u>Ambrish Kumar</u>	Vice President (Technical Council)	vicepresident_tc@isae.in aktswc@gmail.com	
5.	<u>P.K. Sahoo</u>	Secretary General	secretarygeneral@isae.in sahoopk1965@gmail.com	
6.	<u>T.K. Khura</u>	Secretary-I	secretary1@isae.in tapankhura2020@gmail.com	
7.	<u>Chandra Shekhar</u>	Secretary-II	secretary2@isae.in agm.engg@indiaseeds.com	
8.	<u>A.K. Thakur</u>	Treasurer	treasurer@isae.in drakthakur65@gmail.com	



ISAE Chapters

Sl. No.	Name of Chapters	Sl. No.	Name of Chapters	Sl. No.	Name of Chapters
1	ISAE AP Chapter Bapatla, Andhra Pradesh	13	ISAE Himachal Chapter Himachal	25	ISAE Odisha Chapter Bhubaneswar, Odisha
2	ISAE Telangana (Hyderabad) Chapter	14	ISAE J&K Chapter Srinagar, J&K	26	ISAE Punjab Chapter Ludhiana, Punjab
3	ISAE Assam Chapter Tejpur, Assam	15	ISAE Raichur Chapter Karnataka	27	ISAE Udaipur Chapter Rajasthan
4	ISAE Arunachal, Itanagar, Arunachal Pradesh	16	ISAE Kharagpur Chapter West Bengal	28	ISAE Coimbatore Chapter Tamil Nadu
5	ISAE Bihar Chapter Samastipur, Bihar	17	ISAE Kolkata Chapter West Bengal	29	ISAE Thanjavur Chapter Tamil Nadu
6	ISAE Raipur Chapter Chhattisgarh	18	ISAE Kerala Chapter Tavanur, Kerala	30	ISAE Allahabad Chapter Uttar Pradesh
7	ISAE Delhi Chapter Delhi	19	ISAE Jabalpur Chapter Madhya Pradesh	31	ISAE Narendra Nagar Chapter, Ambedkar Nagar, Uttar Pradesh
8	ISAE Sikkim Chapter Ranipool, Gangtok, Sikkim	20	ISAE Bhopal Chapter Madhya Pradesh	32	ISAE Lucknow Chapter Uttar Pradesh
9	ISAE Junagadh Chapter Junagadh, Gujarat	21	ISAE Rahuri Chapter Maharashtra	33	ISAE Varanasi Chapter Uttar Pradesh
10	ISAE Anand Chapter Anand, Gujarat	22	ISAE Akola Chapter Maharashtra	34	ISAE Pantnagar Chapter Uttarakhand
11	ISAE Jharkhand Chapter Ranchi, Jharkhand	23	ISAE Dapoli Chapter Maharashtra	35	ISAE Mumbai Chapter Maharashtra
12	ISAE Haryana Chapter Hisar Haryana	24	ISAE Parbhani Chapter Maharashtra	36	ISAE Bengaluru Chapter, Karnataka

Contact details

Secretary General: Dr. P K Sahoo

(isae1960@gmail.com)

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