

e-NEWSLETTER
INDIAN SOCIETY OF
AGRICULTURAL ENGINEERS
 Connecting Engineers in Agriculture

Jan.-Feb., 2024



Dr Gyanendra Singh



Dr. N.S.L. Shrivastava

5600 + Life Members

36 Chapters

2 Scientific Journals

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Message From The President



My Dear Readers! The last two months, January and February 2024, remained hectic with activities of ISAE. Two executive committee meetings were held and several decisions were taken; and many of them were implemented. The editorial board of JAEI was revamped with new editor-in-chief and several new associate editors. The editorial board has applied for indexing of JAEI in several other agencies such as dimensions, Scilit, UGC care list etc. We also signed MoU with Asian Association of Agricultural Engineering (AAAE). We also changed successfully the auditor of the society after about 20 years. Saving and Fixed Deposit Accounts in State bank of India after lot of persuasions for ISAE were also opened to diversify the funds of ISAE, which hitherto was only in one bank, Canara bank. A conference/hall was received adjacent to ISAE office in NASC complex from ICAR without increasing the charge and the same hall is being renovated to a world class online conference hall. I am happy to share that the NAAS rating of JAEI and AET improved substantially and that of JAEI is now 5.85 highest ever. Research paper therefore in journal have started flowing with good pace.

My Dear Agrineers! The ISAE wall calendar 2024 was in hot demand. We had printed about 1000 copies and all exhausted before the end of February 2024. A farewell programme of Dr. Dipankar De, former editor in chief, was also arranged. Son and daughter-in-law of Late Dr. NSL Srivastava received citations and certificate of ISAE pioneering award 2023 given to Dr. NSL in Raichur convention. Presently we are making bid documents for CIGR World congress 2028 and happy to share that ICAR/DARE, Ministry of Food Processing Industries, Ministry of Fisheries and Animal husbandry have given their support letters. International Institutions such as ASABE, AAAE have also provided their support letters. Hope to apply for the said congress by the end of this month. The most important achievement is the formation of Directorate of Agricultural Engineering in Chhattisgarh during this period. I have also conducted press conferences in Panjab, Chhattisgarh, Rajasthan and met Agriculture minister of Karnataka and Bihar personally and convinced them for the same. I hope things are also moving in UP too positively.

My dear friends! The ISAE is now at fast track and most of gaps have been plugged in. All good arrangements for JAEI, AET and some special issues of the journal have been made. I however believe many things still require lot of improvements. We are planning to have online membership certificate issuance system, MoU with M/S Cyberlative IT solutions for sustainability issues of our online systems, appointment of copy editor for improving the quality of papers etc. Cooperation of all members at least for quality review of paper needs substantial improvements

Dear members! In last two months we lost three stalwarts of our profession such as Dr. S. R. Verma, Dr. NSL Srivastava, and Dr. G. Singh. ISAE paid homage to them. **Friends!** I request all of you and especially to one engaged in teaching to improve the quality of teaching particularly in fields of the latest technologies, such as sensors, robotic etc. I also request to have regular lectures to the 11th and 12th class students in schools to convince them how and why they should choose agrineering as their choice for higher studies. Actually better quality intake shall accelerate the quality of output of our profession in longer run. I request you all to come together, work together and progress together to serve the society and the country together.!

S N Jha
President, ISAE

From the Editor-in-Chief's Desk



A new year is not just about changing the calendar, it is also about commitment. The Indian Society of Agricultural Engineers (ISAE), will continuously work hard for betterment of this society and towards a growing reputation and reach to Agricultural Engineering professionals/ Agrineers.

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. We congratulate the ISAE for the same.

This newsletter is featured with glimpses of efforts made through activities, training program and advancement in the field of agriculture engineering conducted during this period of Jan.-Feb., 2024 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.

With our best wishes for a constructive and fruitful New Year 2024.

Chandra Shekhar
Chief Editor



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ISAE Happenings

Proceedings of the 4th ISAE Council meeting held on 05.11.2023 at 6:30PM in hybrid mode at UAS Raichur Karnataka

The 4th ISAE Council meeting was held on 5.11.2023 at 6.30 PM on hybrid mode at University of Agricultural Sciences (UAS), Raichur. At the outset, President welcomed all the members and shared some important achievements and issues. The Secretary General presented the action taken report on recommendations of the 3rd meeting and other different discussion was initiated by him as per the agenda items:

- I. Since no comments were received from any member on the minutes of the last executive council meeting, which were earlier circulated, these were confirmed
- II. Dr. D.M. Kadam, Vice-President (Activity Council) presented in details the activity during the year 2022-23 and explained the points raised by the members. The members expressed satisfaction over the activities carried out during the period. During discussion, the important issues like more efforts on activation of chapters will continue and the chapters shall also be encouraged enroll more and more students to become members of the society from all over the country. The chapters should also ensure large participation of students in ISAE Convention and open bank accounts for accumulating funds. He informed that ISAE HQ has given seed money to 14 chapters to carry out activities and augment funds by conducting different activities
- III. Dr. Ambrish Kumar, Vice-President (Technical Council) appraised the details about technical activities during the period. The members appreciated his efforts and expressed satisfaction over the activities taken by the technical council of ISAE and approved the same.
- IV. The Treasurer Dr. A.K. Thakur informed the members about the financial status of the society for the year ending March 2023. He also informed about the financial grants received related to the 57th convention at UAS, Raichur. It was informed that the balance sheet for the FY 2022-23 has been finalized and will be presented during the AGBM during 57th convention at UAS, Raichur. The house adopted the audited statement for the year 2022-2023
- V. Dr. P.K. Sahoo, presented the annual report of ISAE. In addition to annual report presentation, he informed that as per the 26AS tax form of the society, an amount of Rs. 100000/-, Rs. 30000/- and Rs. 25000/- from AP Organics Limited, ITB Education India Private Ltd. and Bhansali Agro. Tech., respectively have been collected by some chapters as financial grant, but no information is with the ISAE HQ. Through WhatsApp/Council group, requested the chapters to know about the above-mentioned transactions, but no avail. Members expressed deep concern on this issue and decision has been taken that the society pan number will be provided to any of the chapter only after receiving the valid reasons and giving assurance of submitting the account details annually for audit purpose.

ISAE Happenings

- VI. Dr. K.P. Singh, Director (Awards) announced the approved names (by executive committee) of awardees of various categories and requested the council for ratification. The general secretary explained about the circulated guidelines/rules as per the ISAE constitution for selection of awardees. The members expressed their great satisfaction on the adopted procedures strictly for conferring the awards. The ISAE council ratified unanimously the list of awardees. It was informed that this time, none of the M. Tech./Ph. D students were qualified for the TAFE Gold Medal because of short of period of life membership as essential eligibility in the byelaws. Prof. Indra Mani Mishra, Past-president of ISAE urged that society should be liberal in the criteria for conferring that award. Detailed discussion was held on this issue and it was decided that this matter will be presented and discussed in the next executive committee meeting and the decision will be applicable from the next year. Prof. Mishra also suggested that society should consult and approach to other industries to induct a greater number of awards
- VII. Secretary General pointed out that M/S R.K. Gill and company looking after the annual accounts of the society for the last more than 20 years. After deliberations the members agreed to change the firm immediately for all related work of the audited annual accounts from the year 2023-24 and can be continued/renewed after seeing his satisfactory performance. The council authorized the executive committee to select the new suitable auditor for the purpose.
- VIII. In the last General Body Meeting held at TNAU, Coimbatore, it was decided that the 58th convention will be organized by VNMKV, Pār bhani and in view of the good connectivity, the venue will be at Aurangabad. For holding 59th Convention, among three requests i.e., from PDKV Akola, Delhi and CIAE Bhopal; the members approved the venue for the 59th Convention and International Symposium at CIAE, Bhopal.
- IX. It was informed that MoU between ISAE and ASABE for cooperation in global activities has been signed by both the presidents. MoU between ISAE and i-Manager publishing house of Tamil Nadu has been drafted, circulated and approved by the executive committee. President ISAE explained in detail the motive behind the MoU with the i-Manager. Actually, the society was eager to publish Agricultural Engineering Today (AET) in major Indian vernacular languages. Earlier it was requested to ISAE chapters for coming forward, but no response was received. Finally, as per the suggestion of Editor-in-Chief of AET Er. Mamta Jain and after 3 and 4 rounds of meetings with the i-Manager, final MoU has been drafted and they agreed to publish AET from the year 2024 first in Tamil then Malayalam and will expand in other languages. Also, added that the company will pay 30% royalty to ISAE and also agreed to sale of already published English version of AET with some royalty to ISAE. The EBSCO host indexing house has already initiated the indexing of Journal of Agricultural Engineering (India) and from this involvement, it was felt that the citation index of the journal will improve. The EBSCO host shall also pay agreed percentages of royalty, if papers published in JAEI is sold through its platform. The members appreciated a lot for these initiatives of the executive committee

ISAE Happenings

- X. Directorate of Agricultural Engineering and appointment of Agrineers : The current status of opening of Agricultural Engineering Directorate /job related issues and communication with the ministries were discussed in the meeting in details. The house felt that all the chapter's chairman should come forward and pursue and make sincere efforts in this direction. The President ISAE informed that discussion was held in sub-group of secretaries on agriculture of Government of India and on its recommendation a committee was formed by the DDG (Engg.) involving some states' Government officials. The report/recommendations have been submitted to Govt. of India/Ministry of Agricultural Farmers Welfare and the same is endorsed to some states. He also informed about recommendation of Parliament standing committee on Agriculture for opening of Directorate of Agricultural Engineering and appointment of Agineers at block/district level. He also informed about announcement of opening of Directorates by few states and appointment of Agineers in large number in several states. The president urged the chapters Chairmen and other members to come forward and pursue the case vigorously.

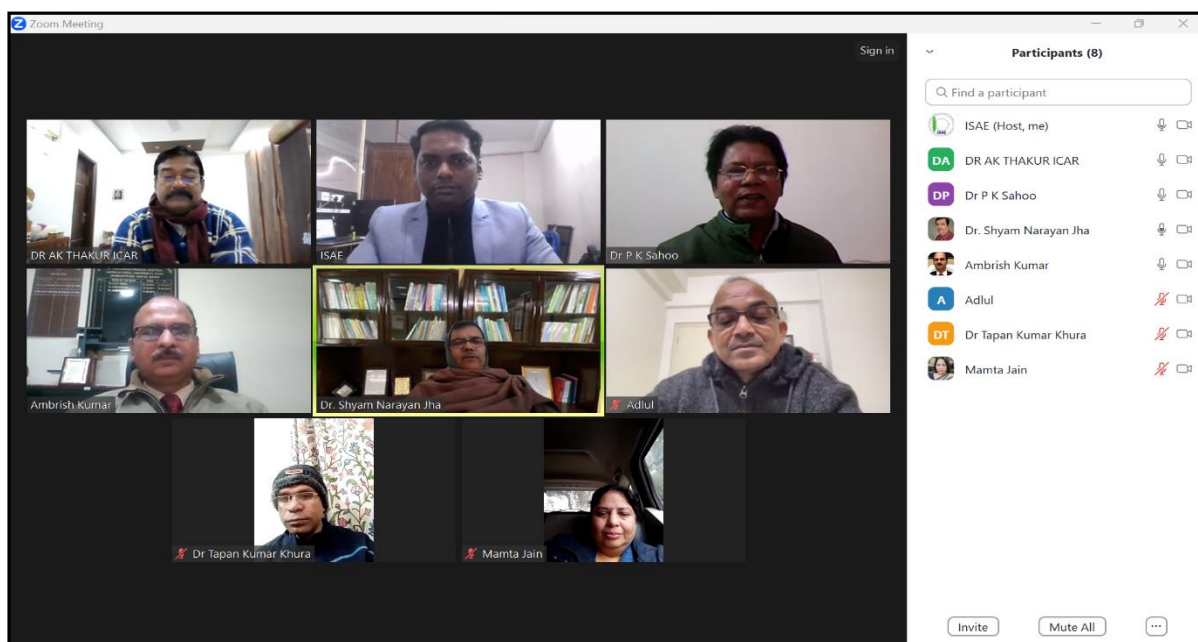
Proceedings of twenty fifth ISAE Executive Committee Meeting held on 06.01.2024 on Zoom platform

The Secretary General welcomed with best wishes for New Year- 2024 to all the members of the Executive Committee and presented the action taken report of the previous meeting. The President, ISAE extended his New Year greetings to all the members and encouraged the members to put extra efforts to accomplish the targets. He emphasized on more harmony among all the wings of ISAE. The New Editor-in-Chief Dr. Adlul Islam attended the meeting after assuming the responsibility and all EC members welcomed him. During the meeting the following points were discussed and decisions were taken unanimously.

- i) All the members appreciated the effort of the President and editorial board and congratulated them for achieving the NAAS (2024) rating of 5.85.
- ii) All the members agreed to fix second Saturday of every month for the ISAE executive committee meeting.
- iii) The secretary general informed that draft MoD will be submitted by Indianjournal.com soon, he already discussed the matter with Mr. Goutam to resolve the issues, and it would be of hybrid type. The EC suggested to complete the work by the end of January.
- iv) The President informed that endorsement letter for hosting the CIGR international event in India have been obtained from DARE. All the members of the constituted organizing committee of the event are requested to give their brief profile with emphasis on experience on organizing such event at the earliest.
- v) Renovation of the ISAE committee hall (falls ceiling, wall panelling, video conferencing system and installation of AC) is to be done, in this connection estimate was obtained from two firms and waiting for more firms to participate for getting competitive rate. It was decided to complete the job by the end of March 2024.

ISAE Happenings

- v. The Editor-in-chief of JAE(India) proposed list of editors, associated editors and guest editors in the discipline of Farm Machinery and Power Engineering, Process, Dairy and Food Engineering, Soil and Water Engineering and Energy and other areas. The members endorsed (List annexed) the proposed list of editors, associate editors and guest editors for the JAE(I) and expected the new constituted team led by Dr. Adul may work in synergy to increase the volume of publication to get the IF of the JAE(I) at the earliest.
- vi. It was advised by the members that editorial board meeting should be conducted at regular interval to monitor the progress and remove any hurdles in processing the manuscripts for timely responses to authors and for increasing the volume of publications.
- vii. As discussed in the previous EC meeting, a felicitation party for former Editor-in Chief JAE(I) will be organized on 18th January, 2024. It was decided that Dr. De will be felicitated with memento and certificate of appreciation for his outstanding contribution.
- viii. The Mason Waugh, ISAE Pioneer award (Gold medal with shawl) may be delivered to the close relative of Late Dr. N.S.L Srivastava on 18.01.2024 in the presence of the EC members if any of his family members can join the meeting on the day, shall be better.
- ix. The process of remittance of the balance amount of the 57th ISAE Annual Convention and International Symposium - 2023 held during November 6-8, 2023 from ISAE Raichur Chapter may be pursued
- x. It was unanimously agreed for organization of the next ISAE annual convention during first to second week of November by Vasantrao Naik Marathwada Krishi Vidyapeeth, Basmat Road, Krishinagar, Parbhani, Maharashtra 431402 at Aurangabad and consultation should be made with the organizer.
- xi. The activity calendar of ISAE will be prepared soon and displayed in ISAE website. The activity calendar may include two training on quality research paper writing as well.

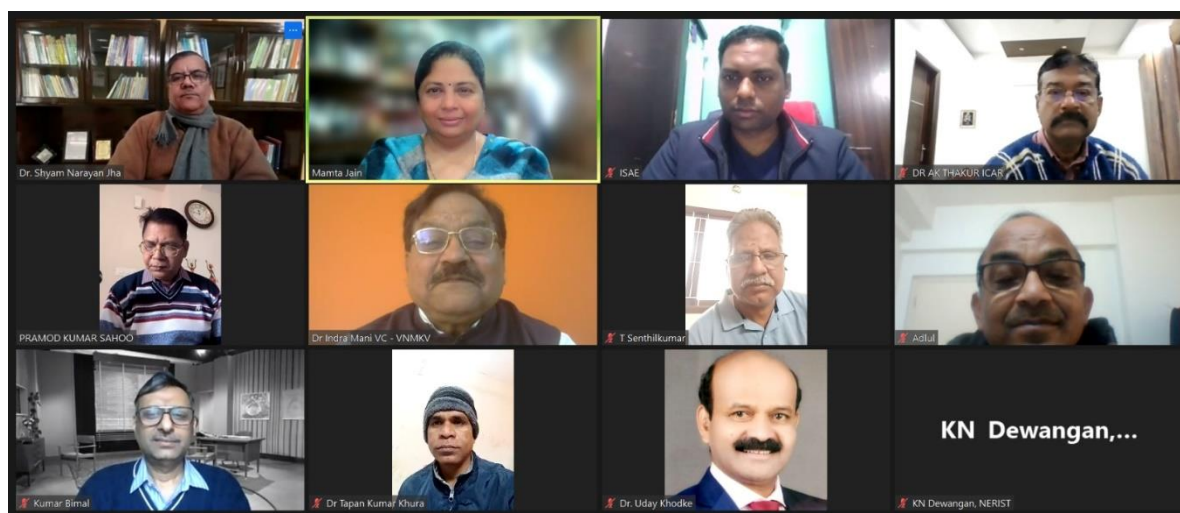


ISAE Happenings

Proceedings of twenty sixth ISAE Executive Committee Meeting held on 10.02.2024 on Zoom platform

The Secretary General welcomed all the members of Executive Committee and tabled the action taken report. The agenda items were listed out for discussion during the meeting. After brief address of the President ISAE, the following points were discussed and unanimously agreed upon.

- i. It was decided that the 58th ISAE Annual convention and International symposium will be organized by Vasantnao Naik Marathwada Agricultural University, VNMKV, Parbhani and the tentative schedule of the Convention is 12-14, November 2024. It was advised that the title of the convention and international symposium should be decided at the earliest and communicated to the ISAE, HQ for ICAR funding and other NASI societies to avoid any clash in convention dates.
- ii. All the Directors are requested to send tentative title and date(s) of the activities to be taken up in the year 2024 for preparing the activity calendar-2024 at the earliest.
- iii. The President suggested to organize Industries- R&D institutions meet to discuss various issues between reputed industries and academia/researchers including Vice-chancellor, Dean, Directors and state governments' officials. Er. Kumar showed interest to organize the meeting with theme on Alternate Fuel Technology-Tractor.
- iv. Committee for CIGR international Congress-2028 was constituted
- v. The Secretary General informed that three firms participated in the bidding for renovation of the ISAE room and lowest bidder quoted less than four lakhs. Therefore, it was agreed to place work order to the L-1 firm
- vi. It was re-emphasized that AET is for the popular articles with current theme in line with research, policy advisory and governments plan/ programme. Therefore, the word limit for the article to be published in AET may be restricted to 1000 words
- vii. The MoU signed between ISAE and AAE was approved by the members



ISAE Happenings

JAEI Editorial Board Members Meeting for Editorial System Software

JAEI Editorial Board members meeting was conducted for issues being faced in using the JAEI Editorial System Software. In order to get acquainted with different features of the software and efficient use of the Software, an online workshop (Zoom Platform) was also has been scheduled on 3rd February, 2024 (Saturday) from 10 AM to 1 PM (IST). The developer of the Software, Mr Sarthak, Gave a detailed presentation and demo of the software to clarify the doubts.

JAEI getting indexed in “Dimensions” & “Scilit”

JAEI is now getting indexed in “Dimensions” & “Scilit” also. Dimensions is the world’s largest interconnected scientific research database, provides the comprehensive view of the research landscape, all in one place. It shall improve citations in the international journals and help in getting indexed in SCOPUS and Thomson Reuters.

Scilit is a comprehensive content aggregator platform for scholarly publications. It is developed and maintained by the open access publisher [MDPI AG](https://www.mdpi.com/). It is offered for free to scientists, scholars and the interested general public. Using widely automated approaches to sourcing and curating data, we cover newly published content from a variety of data sources within hours or days. Scilit currently covers journal articles, book chapters, monographs and preprints.

MoU signed between AAAE & ISAE

A MoU is made between ASIAN ASSOCIATION FOR AGRICULTURAL ENGINEERING (AAAE) and INDIAN SOCIETY OF AGRICULTURAL ENGINEERS (ISAE). The main objective of the MoU for AAAE is to strengthen the profession of Agricultural Engineering by promoting information exchange, improving communications and optimizing use of resources and to formulate and promote voluntary academic, professional and technical standards of relevance to the profession of Agricultural Engineering in Asia and to support at the international level the activities of National Agricultural Engineering Societies or related associations and to maintain liaison among them as a Consortium. And ISAE has evinced interest to collaborate with AAAE as a member of the Consortium, therefore both the parties have agreed to record the Guidelines for a Consortium which will govern their future joint activities by executing this Memorandum of Understanding.



ISAE Happenings

Industry-Professional Interaction Meet by ISAE, Odisha Chapter on 15-12-2023

An Industry-Professional Interaction Meet was organised by ISAE, Odisha Chapter and College of Agricultural Engineering and Technology, OUAT, Bhubaneswar on 15.12.2023. Dr. S. K. Dash, Dean, College of Agricultural Engineering and Technology, Bhubaneswar, Dr. A. K. Goel, Chairman, ISAE, Odisha chapter, Dr (Mrs.) K. Rayaguru, Director (Gender), Dr. U. S. Pal, Secretary, ISAE, Odisha chapter, ISAE members, students and about forty industry personnel from farm machinery, renewable energy, micro irrigation, precision agriculture and food processing sector participated in the programme.



Dr (Mrs.) K. Rayaguru, Director (Gender) welcomed all the industry representatives and briefed them about ISAE. Dr. A. K. Goel Chairman suggested industry personnel to be the corporate member of ISAE to for strong collaboration. Sector wise parallel interaction meeting was conducted to discuss on the opportunities for internship and skill development of students in industries, researchable issues and incubation support to strengthen the industry-professional relationship. Dr. U. S. Pal, Secretary, ISAE Odisha chapter gave the formal vote of thanks

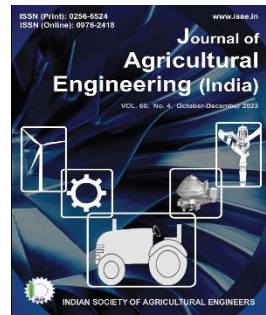


ISAE Happenings

JAEI receives NAAS rating of 5.85

The Journal of Agricultural Engineering (India) [JAEI], peer-reviewed journal published quarterly by the Indian Society of Agricultural Engineers (ISAE), New Delhi, received the 5.85 NAAS rating which is ever highest NAAS rating of the Journal.

The journal publishes interdisciplinary basic and applied research manuscripts of engineering and technology addressing problems of agricultural, food, and biological systems.



KEY HIGHLIGHTS	Year of inception: 1964	NAAS Rating: 5.85	NEW
	Frequency: Quarterly	SJIF (2023): 7.442	
	Time to 1st decision: 6 weeks	Acceptance Rate: 45%	
	Time to publication: 4-9 Months		

Felicitation program for Dr. Dipanker De

Felicitation program was arranged to honor Dr. Dipanker De, Chief Editor JAEI, for his outstanding service to the Society in General and JAEI in particular. The program was arranged on 18.01.2024 at ISAE head office, PUSA complex New Delhi in which memento and certificate of appreciation for his outstanding contribution was handed over to Dr. De.



Handing Over of Mason Vaugh Award of Dr. NSL Srivastava

During the program arranged on 18.01.2024 at ISAE head office, New Delhi, award handing over ceremony was also arranged to hand over the Mason Vaugh Agricultural Engineering Pioneer Award of Dr N.S.L. Srivastava (LM-315) to his son.



Efforts and Achievements for Separate Directorate of Agril. Engineering

1- Dr. S. N. Jha Dr. S., Deputy Director General of Indian Council of Agricultural Research, New Delhi, in his address at the inauguration of the 19th two-day annual workshop of the All India Coordinated Research Project on Engineering of Plastics in Agricultural Structure and Environmental Management, said that “Agricultural engineers in Rajasthan have done a lot of good work in the water harvesting department, which has greatly benefited the farmers of Rajasthan. No special attention is being given to agricultural mechanization in Rajasthan, Rajasthan government needs to pay attention to this.



At present, attention is being given to the volume and management of agricultural production all over the world, in Rajasthan also the income of farmers can be increased by paying attention to the processing of agricultural products. To create a developed India by the year 2047, we will have to mechanize 75% of the farms because in future, youth will be less available to do agricultural work. In order to improve the future of the farmers of Rajasthan and increase the income of the farmers, the Rajasthan Government is requested to have a separate Agricultural Engineering Department in Rajasthan to make farming easy and profitable for the farmers of Rajasthan and to be at the forefront in the future, which will be under Directorate of Agricultural Engineering.”

Dr. Jha told that “the Agriculture Minister of the Government of India has also requested the Chief Minister of Rajasthan to create a separate Department of Agricultural Engineering, the Parliamentary Standing Committee on Agriculture of the Government of India has also recommended that agricultural mechanization should be promoted at every Panchayat level. For this, agricultural engineers should be appointed at each Panchayat level and block level by creating a separate Agricultural Engineering Department so that the farmers' fields can be improved. There will be modern mechanization and value addition through processing of their products, they will get higher production and more income. Doubling the income of farmers through mechanization, processing and value addition in their fields. Therefore, the Rajasthan government should also set up a separate agricultural engineering department like other states, at present a separate department is formed in Madhya Pradesh and Tamil Nadu and recently it has announced the formation of a separate department in Chhattisgarh.”

Agricultural Engineering Department is mainly responsible for providing all the technical inputs given to the farmers directly to the farmers' fields, maintaining the quality, getting the farms mechanized and processing their products, getting value added, training the farmers and solving all the problems including Panchayat. And according to the Mission 2047 of the Government of India, taxes at the block level will play an important role in converting 75% of the farms into completely mechanized farms. Which will make the country self-reliant, keeping in mind the current increasing population rate and lack of other resources.

(Source: https://youtu.be/j22TS0Q7xQw?si=DD1BjeiP93kuBE_z)


Efforts and Achievements for Separate Directorate of Agril. Engineering

2- Hon'ble Finance Minister, Govt. of Chhattisgarh, in his Budget speech dated 9th Feb., 2024 announced for Formation of Directorate of Agricultural Engineering. The Key Highlights of budget 2024-25 of Govt. of Chhattisgarh is available on the official Website https://finance.cg.gov.in/budget_doc/2024-2025/key_Highlight/Key_Highlight-E.pdf

Key Highlights Budget 2024-25



Government of Chhattisgarh
Finance Department






Agriculture Sector

Krishak Unnati Yojna (10,000 Crs.)

- Pradhan Mantri Fasal Bima Yojna (643 Crs.)**
- Ekeekrut Baagwani Vikas Yojana (205 Crs.)**
- Rashtriya Khadya Suraksha Yojana (200 Crs.)**
- Chiraag Yojna (200 Crs.)**
- Rashtriya Krishi Vikas Yojna (183 Crs.)**

Formation of Directorate of Agriculture Engineering

- New Paragan Scheme for HoneyBee Rearing**
- Agro Business Management College & Research Center, Jashpur**
- New Horticulture College, Raigarh & Surajpur**
- New Agriculture College, Manendragadh –Chirmiri-Bhartapur District**
- Post Harvest Management & Processing Technology College, Balrampur**

Key Highlights 2024 - 25
Government of Chhattisgarh
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(Source : https://finance.cg.gov.in/budget_doc/2024-2025/key_Highlight/Key_Highlight-E.pdf)

3- Secretary, Agriculture, Govt of Bihar listened our viewpoints for establishing a new unit in the Dept of Agriculture as Directorate of Agril Engineering. He also expressed his concerns regarding capability & role of agricultural Engineering. We clarified all about course curriculum and training skills of Agri Engg students. It's a good starting point with new secretary.



Government of India Bolsters Agricultural Sector with Increase in Authorized Capital of Food Corporation of India from Rs 10,000 Crore to Rs 21,000 Crore

In a landmark decision aimed at bolstering the agricultural sector and ensuring the welfare of farmers nationwide, the Government of India (GoI) has announced an increase in the authorized capital of the Food Corporation of India (FCI) from Rs 10,000 Crore to Rs 21,000 Crore. This strategic move shows the government's steadfast commitment to supporting farmers and fortifying India's agrarian economy.

FCI, as the pillar of India's food security architecture, plays a pivotal role in various crucial functions, including the procurement of food grains at Minimum Support Price (MSP), maintenance of strategic food grain stocks, distribution to state governments and Union Territories (UTs), and stabilization of food grain prices in the market.

The increase in authorized capital is a significant step towards enhancing the operational capabilities of FCI in fulfilling its mandate effectively. To match the gap of fund requirement FCI resorts to Cash Credit, Short Term Loan, Ways & Means etc. Increase of Authorized capital and further infusion will reduce the interest burden, reducing the economic cost and ultimately affecting the subsidy of GOI positively. With this infusion of capital, FCI shall also embark upon modernizing its storage facilities, improving transportation networks, and adopting advanced technologies. These measures are essential not only for reducing post-harvest losses but also for ensuring efficient distribution of food grains to consumers.

As a part of enhancing its efficiency, FCI is diligently executing tasks such as cement roads, roof maintenance, illumination, and weighbridge upgrades, enhancing food security. Purchase of lab equipment and the development of a software platforms for QC labs aim to improve quality checking. Studies on “Out-Turn Ratio”, “Shelf-Life”, and “Pest Management for Fortified Rice” complement FCI's commitment to building an efficient and food security management system. The integration of automated digital equipment further aligns with FCI's objectives, aiming to remove human intervention for a transparent procurement mechanism and enhance infrastructure for employees, saving on rent and creating assets for FCI.

The government's dual commitment to MSP-based procurement and investment in FCI's operational capabilities signifies a collaborative effort towards empowering farmers, fortifying the agricultural sector, and ensuring food security for the nation. As these measures take root, India anticipates a more resilient and prosperous future for its agricultural sector, with farmers at its heart.

The Government of India, recognizing the critical role of FCI in maintaining food security, periodically specifies the strategic level of food grain stocks to be maintained by FCI and designated central pool (DCP) states. FCI diligently adheres to these norms to address any adverse situations that may arise in the future, ensuring the nation's resilience to food-related challenges.

(Source_ <https://pib.gov.in/PressReleaseIframePage.aspx?PRID=2006747>)

APEDA catapults agricultural exports from modest USD 0.6 billion exports in FY1987-88 to USD 26.7 billion in FY 2022-23

From its modest beginnings with annual exports of USD 0.6 billion in exports during 1987-88, proactive interventions by the Agricultural and Processed Food Products Export Development Authority (APEDA) have taken agricultural exports to a remarkable figure of USD 26.7 billion in the fiscal year 2022-23. This journey of exponential growth is underscored by expanding the export basket to over 200 countries, showcasing a commendable Compound Annual Growth Rate (CAGR) of 12%.

In the fiscal period 2022-23, India's agricultural exports reached USD 53.1 billion, with APEDA contributing a significant 51% of India's Agri-exports. In the period April-December, 2023, among the 23 Principal Commodities (PCs) in APEDA's export basket, 18 exhibited positive growth. Notably, 13 out of 15 large PCs, with exports exceeding USD 100 million in the previous year, experienced positive growth, with an average growth rate of 12%. Fresh fruits emerged as a standout performer, registering a remarkable growth of 29%. Moreover, the export of processed vegetables surged by 24% in the period followed by Miscellaneous processed items, Basmati Rice, and Fresh Vegetables also saw substantial growth compared to the corresponding period last year. Notably, India has significantly expanded its fresh fruits export footprint, now serving 111 countries compared to 102 destinations in the previous year.

On its 38th Foundation Day on 13.02.2024, APEDA commemorated a remarkable journey of fostering agricultural exports, culminating in significant milestones and unprecedented growth. Founded in 1986 with the mission to promote the export of agricultural products, APEDA has evolved into a pivotal force in catapulting India's agricultural exports to new heights.

During April-November 2023, several key commodities witnessed substantial growth compared to the previous year, like, Bananas: 63%, Lentils (dried and shelled): 110%, Fresh eggs: 160% and Kesar and Dasheri Mango: 120% and 140%, respectively.

During the period from April to December, 2023, the export value of Basmati rice surged by 19%, reaching USD 3.97 billion compared to USD 3.33 billion in the previous year. Simultaneously, the quantity of exports witnessed a notable growth of 11%, increasing from 31.98 lakh metric tons to 35.43 lakh metric tons within the same timeframe. Basmati rice found its way to the top markets, with Iran, Iraq, Saudi Arabia, the USA, and the UAE emerging as the top five destinations for these exports. This robust performance underscores the enduring popularity and global demand for Basmati rice, further solidifying its position as a major agricultural product in India's export portfolio.

(Source - <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2006731>)

8th EIMA Agrimach India 2024 from 29th February-3rd March, 2024 at UAS, GKVK

EIMA Agrimach India-2024, the only business to business event of its kind offering a single venue interface between Indian & global players in the agri-machinery sector. Organized jointly by FICCI, FEDERUNACOMA in partnership with Ministry of Agriculture and Farmers' Welfare and Indian Council of Agricultural Research, the event is inspired by EIMA International, the second largest exhibition and conference on farm mechanization in the world.

EIMA Agrimach India-2024 envisages showcasing the best and latest in agri-machineries, besides providing an excellent opportunity to Indian and overseas players catering to the entire value chain through vertical based national and international pavilions

- EIMA Agrimach India-2024 is opportunity to share the centre stage with world's leading companies in the industry, who will showcase their innovations and current developments

- EIMA Agrimach India-2024 is the most important trade show in India on agricultural machinery with visitor numbers reaching over 40,000

- The show is supported by Ministry of Agriculture & Farmers' Welfare, Govt. of India, thereby providing an opportunity for participants to interact with the nation's policy makers, agribusiness industry & delegates.

ORGANISERS
 FEDERATION OF AGRICULTURAL MACHINERY MANUFACTURERS OF INDIA
 Ministry of Agriculture & Farmers' Welfare, Government of India
 FICCI

SUPPORTING ORGANISATION
 MILLETS 2023
 madharity.gov.in
 IITA
 ICRAR TRADE AGENCY

SUPPORTED BY
 Ministry of Agriculture and Farmers' Welfare, Government of India

VISIT
 8th INTERNATIONAL EXHIBITION & CONFERENCE ON AGRICULTURAL MACHINERY & EQUIPMENT
 eima agrimach INDIA 2024
 29 February - 3 March 2024
 University of Agricultural Sciences, GKVK, Bengaluru, Karnataka

MAJOR HIGHLIGHTS

- Participation of leading companies of farm machinery & technologies at the exhibition
- Progressive farmers delegation from southern states of India
- Product Launch & Live Demonstration of latest machineries & equipments in the event
- International Buyers Program attracting the largest & most active buyers of agricultural machinery and equipments from all across the globe

EXHIBITOR PROFILE

AGRI-MACHINERY & FARM TECHNOLOGIES	AGRI-SERVICES	AGRO PROCESSING INDUSTRY	AGRI COMPONENTS & TOOLS	DAIRY EQUIPMENTS
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Major Participating Companies

Associate Partner: SHAKTIMAN

ACE, AUTOMAT, BULL, S.B.I., KOHLER, SUKON, DOLLS, FORMPACK, AG CHOPPER, ADR, GMB, SARDAR INDUSTRIES, GT-SHAKTI, SHANT, bh, ADITI, KSNM, ama, BCS, HTX, PANASAR AGRI CLANS, TEXAS, ADIYOGI, BBS, M, NATAL, THANGS, SUNYAR, KisanKraft, SUGURA, HONDA, NETAFIM, FORTUNE, GEMET, Sujay, BERTOLINI, DYULABS, yuzak, FARESON, UDOR, Breglio, ARAG, NCH, XI-POWER, BSC POWER, ANDAVAR, Bushra Impex, ANNOVI REVERBERI, TUFLEX, VELMOC, SVT, TATA AGRICO, ASPER, JLR

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Workshop on Roof Top Solar Power Plant

In connection with the “Suryoday” Scheme declared by Hon.ble Prime Minister Shri. Narendra Modiji, a workshop on “Roof top solar Power plant: Opportunities and scheme was organised jointly by Department of Renewable Energy Engineering, CAET, Dapoli and ISAE, Dapoli Chapter on 1st Feb. 2024. The workshop was organised for different stakeholders like farmers, agro industrial owners, hotel owners, residential complex owners and students. Total 60 stakeholders attended the workshop.

The detail deliberations regarding the opportunities and govt. schemes for the roof top solar plant has been carried out by involving all the concern departments who play the role in better implementation of the scheme.

All concern personnel viz; Dr. Atul Mohod, Professor (Academic Institute), Shri. Kakde, Dy. Executive Engineer (DISCOM), Shri. Tarange, Manager, UBI, dapoli (Financial Institute) and Shri B. Mali, MNRE Empanelled Member (Supplier) delivered their thoughts in the workshop. Dr. Pramod Sawant, Director of Extension Education, DBSKKV, Dapoli and Dr.P.U. Shahare, Associate Dean, CAET, Dapoli were present for the workshop. The programme was conducted by Er. Poonum chavan, Assistant Professor, DREE, CAET, dapoli.



ICAR-CIPHET Ludhiana participated in Dissemination Summit

ICAR-CIPHET Ludhiana actively participated in the Dissemination Summit-2024 held under the STREE Program. The event was organized by GT Bharat and HDFC Parivartan and took place at Guru Nanak Bhawan in Ludhiana. The inauguration of the summit saw Chief Guest Honorable Agriculture Minister, Punjab, Gurmeet Singh Khuddian, alongside distinguished personalities including D.P.S. Kharbanda IAS Punjab, Dr. Hanuman Jat, Director ICAR-IIMR Ludhiana, and Dr. Ranjeet Singh, Head ToT and PI ABI ICAR-CIPHET Ludhiana, ceremonially lighting the lamp to mark the commencement of the event.

Agriculture Minister Khuddian emphasized the pivotal role of processing activities in the production catchment by Farmer Producer Organizations (FPO) members. The minister highlighted the potential of adopting diverse agricultural practices, asserting that such approaches could lead to a twofold increase in farmers' income, ensuring sustainability and livelihood. Dr. Ranjeet Singh, Head ToT Division and PI ABI of ICAR-CIPHET Ludhiana, showcased pioneering research and technologies aimed at enhancing the role of women in agriculture, post-harvest management, and agri-entrepreneurship.

The summit drew an enthusiastic audience, with more than 1000 women FPO members and entrepreneurs from the region in attendance. This significant turnout reinforced the collective efforts towards empowering women in agriculture and fostering sustainable practices.

(Source: [ICAR-CIPHET Ludhiana participated in Dissemination Summit-2024 | A Financial Guide \(thesocial24.com\)](https://thesocial24.com))



ICAR-CIPHET Ludhiana participated in 4th India Agri Progress Expo (IAPE), an International exhibition

ICAR-CIPHET Ludhiana showcased its prowess at the 4th India Agri Progress Expo (IAPE), an International exhibition focusing on agriculture machinery and dairy technology, hosted at the Ludhiana Exhibition Centre in Sahnewal. The event drew participation from over 1000 farmers who explored the innovations presented at the ICAR-CIPHET Ludhiana stall.

Visitors were particularly captivated by ICAR-CIPHET's novel technologies, with a spotlight on the soybean milk and groundnut milk making process, as well as the millet processing techniques. The exhibition witnessed a surge in interest from young farmers, many of whom eagerly registered for upcoming training programs facilitated by ICAR-CIPHET.

A notable success story from the event was Mr. Setia, an entrepreneur trained by ICAR-CIPHET, who successfully marketed his products at the institute's stall. During the event a special session on “Scale suitable mechanization solutions for smallholder farmers of Global South” and 30 candidates from the Africa participated in the event. Dr. Ranjeet Singh, Head of the Transfer of Technology Division, emphasized the pressing need for processing agricultural produce in the current scenario, stressing its potential to enhance farmer income and elevate product quality in the event.

ICAR-CIPHET Ludhiana continues to be a trailblazer in advancing agricultural technologies, evident in its impactful presence at the 4th India Agri Progress Expo. The institute remains dedicated to fostering positive change in the agricultural sector through innovation and knowledge dissemination.

(Source : [ICAR-CIPHET Ludhiana Shines at 4th India Agri Progress Expo | A Financial Guide \(thesocial24.com\)](https://thesocial24.com))



Kisan Samagam 2024: A Mega Agriculture Fair in Jharkhand organized by NSC

Kisan Samagam 2024 in Jharkhand aims to revolutionize farming with the latest agri-technologies and farmer-friendly practices, fostering India's agricultural advancement.

The Kisan Samagam, was organized on 1st January, 2024 at Gondpur Football Ground in Seraikela Kharsawan of Jharkhand state was organied by National Seeds Corporation Limited. This event was not just a fair; it's a comprehensive platform for agricultural transformation. This event, initiated by the Central Government, showcases India's commitment to revolutionizing agriculture.

His Excellency Shri CP Radhakrishnan, Governor of Jharkhand State, and Shri Arjun Munda, Honorable Minister of Tribal Affairs and Agriculture and Farmers Welfare, Government of India played pivotal roles in launching this significant event. The fair was attended by more than 12000 thousands farmers and public representatives, creating a fertile ground for learning and innovation in agriculture. This initiative represents a significant step towards modernizing and enhancing the profitability of the agricultural sector. The fair features over 160 stalls by government bodies, private institutions, and startups, each offering insights into various farming aspects.

The fair aimed for attendees to gained knowledge about the beneficial schemes from the Government of India, and aimed at uplifting and developing the agricultural community. The event was melting pot of ideas, with agricultural scientists, experts, and policy-makers exchanging knowledge with farmers. Central to the fair is the display of the latest in agricultural technology and practices, highlighting advancements in natural farming and drone usage. Krishi Vigyan Kendras across Jharkhand participate, ensuring a diverse representation of agricultural knowledge and experience.



Kisan Samagam 2024: A Mega Agriculture Fair in Jharkhand organized by NSC



Minister of Agriculture and Farmers' Welfare meets hundreds of farmers invited by the Central Government from across the country for Republic Day Celebrations

Farmers of India Coming to the capital on the occasion of hoisting the national flag on Republic Day is the strength of our democracy - Shri Munda

Union Minister of Agriculture and Farmers' Welfare and Tribal Affairs Shri Arjun Munda inaugurated the Farmers' Conference organized by the Ministry of Agriculture & Farmers' Welfare on 25th Jan. 2024 in PUSA, New Delhi. Hundreds of farmers and members of Farmer Producer Organizations (FPOs), specially invited by the Central Government for Republic Day from across the country, participated in this conference. Scientists from the Indian Council of Agricultural Research (ICAR) and the Indian Agricultural Research Institute (IARI) told them about the modern farming methods and innovations, while officials of the Union Agriculture Ministry informed them about the schemes.



In the conference, Union Minister Shri Munda said that the farmers of India have come to the capital on the occasion of hoisting of the national flag on Republic Day; this is the strength of our democracy, which Gives strength to the country. Shri Munda said that when our citizens will celebrate the 100th Republic Day, it will be remembered that how people of country celebrated the 75th Republic Day, because this Republic Day is not just an event, it is going to open the door to enter in the Amrit Kaal from Amrit Mahotsav. This will be a resolution to build a new India in the flow of spiritual thinking and spiritual power of the country. This Republic Day will be a special opportunity for us not only to feel proud and self-respect but also to create a historical background in shaping the new India.

Union Minister Shri Munda said that the Republic Day Parade is now being organized on Kartavya Path, which was earlier named Rajpath. We have seen many rulers before independence, be it the Mughal era or the British era, passing through them we have made India the largest democratic nation in the world. Prime Minister Shri Narendra Modi ji wanted us to celebrate Republic Day with those who actually irrigate the country by their hard work in the villages and fields, that is why respected farmers have been invited here. Shri Munda said that our farmer family is the most important because it is the provider of food. The progress of the country lies in the progress of the farmers. In the changing times, learning new methods of farming will prove beneficial for the farmers. The aim is to empower our farmers, our villages and our country with new experiences. Shri Munda welcomed and congratulated all the farmers in the conference on behalf of the Union Ministry of Agriculture and Farmers' Welfare.

Minister of Agriculture and Farmers' Welfare meets hundreds of farmers invited by the Central Government from across the country for Republic Day Celebrations

On this occasion, Union Minister of State Ms. Shobha Karandlaje said that Prime Minister Shri Modi has invited common people from different sections of the society to the function of Republic Day with the spirit of public participation. Union Agriculture Secretary Shri Manoj Ahuja, Additional Secretary Ms. Maninder Kaur and Joint Secretary Ms. Shubha Thakur and other officers were also present in the conference. The invited farmers were given field visit along with the training.



As a part of this celebration, a comprehensive training session on key government initiatives like AIF, M&T, National Seeds Cooperation, and Per Drop More Crop, coupled with a field visit to PUSA Campus, is scheduled for the farmers on 25 January 2024. Following the address, the farmers will have the opportunity for a photo session with Ministers and dignitaries and conclude the day with a curated lunch. This celebration is set to highlight MoA&FW's dedication towards development, recognizing and appreciating the tireless efforts of the agricultural community.



Suhani Chauhan Won PM Bal Puraskar for solar-operated Agri-Vehicle

Suhani Chauhan, a student of Class XI, Amity International School Pushp Vihar, New Delhi, has been awarded with Pradhan Mantri Rashtriya Bal Puraskar for her path-breaking innovation "So-Apt" a unique solar-operated Agri-Vehicle for small farmers, by the Hon'ble President of India Droupadi Murmu, at Vigyan Bhavan, New Delhi.

She is the only recipient for Innovation and the only one from Delhi for this highest National Award for children. The awards are given to children in the age group 5 - 18 years for their excellence in seven categories for Bravery, Art & Culture, Environment, Innovation, Science & Technology, Social Service and Sports that deserve national recognition. So-Apt is a multifunction, solar energy powered vehicle for agricultural use, with zero carbon emission, to benefit small farmers. The vehicle can be used for seed-sowing, spraying, irrigation, hole digging and various other agricultural needs, making it high on function and utility.

Speaking about her innovation, Suhani said that if only 1% of the tractors used in India would use her technology, there would be an annual saving of Rs 1,800 Crores of diesel. The saving of carbon emissions per year would be about 272,000 metric tonnes of CO₂ which, in carbon credits, is valued at about 10 million US Dollars (about 84 crores) per year. The farmers can even use the solar panels on the vehicle to power other appliances when not using it in the field or even sell any surplus they create.



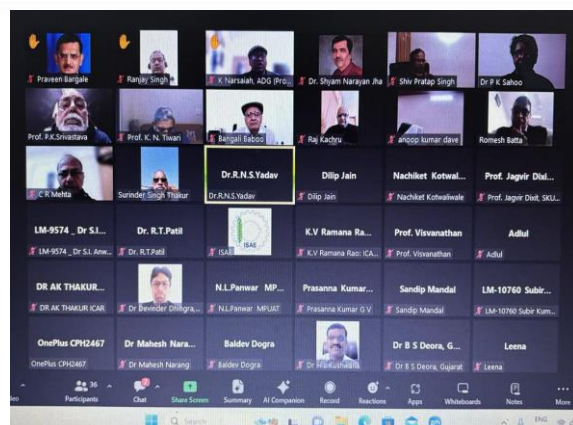
Source : <https://toistudent.timesofindia.indiatimes.com/news/newsmakers/suhani-on-winning-pm-bal-puraskar/83324.html>

Obituary

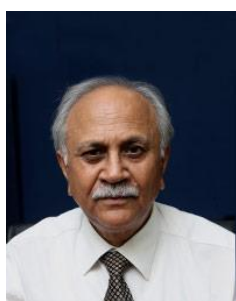


Dr. N.S.L. Shrivastava, former-ADG (Engg), ICAR & Executive Director, TIT Group of Institutions Anand Nagar Piplani, Bhopal-462 021 passed away on 1st Jan., 2024. He was associated with IINRG as RAC Chairman and Chairman

of NAIP project on Lac Value Chain. He made extraordinary contributions in design of several useful farm machinery, institutions developed, contributions to ICAR as Director, ADG and DDG. He was instrumental in guiding large number of scientists in R&D projects. His contributions have been well recognized through number of awards including Rafi Ahmed Kidwai Award at national level.



ISAE paid rich tributes to
DR. NSL Shrivastava on 06/01/2024



Dr Gyanendra Singh, the renowned Agricultural Engineer and former Director, CIAE and former ADG/ DDG, ICAR, passed away on 6th Jan., 2024. He was ISAE Masson Vaugh Pioneer Awardee 2021. He was Vice-Chancellor, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, District Satna, Madhya Pradesh during 2004 to 2010 and RKDF University, Bhopal in 2012. He started his career at the Indian Institute of Technology Kharagpur (1966-69), and served Indian Agricultural Research Institute, New Delhi (1969-79), Central Institute of Agricultural Engineering, Bhopal (Head, 1979-89; Director 1996-2004); Indian Council of Agricultural Research, New Delhi (Asstt. Director General (Engg.), and as Dy. Director General (Engg) (1989-95).

In a long career of 48 years (1966 to 2015), Dr Singh was associated with several National (ICAR, NIRD, UGC, AICTE, NAAC, CAPART, DST, UPSC) and International Organizations (FAO, ESCAP, UNIDO, British Council, USDA, SAREC, Sweden, CIRAD, France JICA, Japan, IRRI, Philippines etc.) Dr. Singh was also associated with a number of professional bodies/societies; a Member of Editorial Board of Bio-System Engineering, UK; Ex Chief Editor, Journal of Agricultural Engineering, ICAR; and Ex Chief Editor, Journal of Agricultural Engineering Research, Indian Society of Agricultural Engineers. He was associated with many technical committees of Ministry of Agriculture, Department of Science and Technology, National Commission for Women, and State Agro-Industrial Development Corporations for project appraisal, review and monitoring related to machinery development and popularization. Dr Singh provided leadership for the educational quality reform as the Chairman of Standing Committee of the Vice-Chancellors in MP; besides strengthening the only Rural University in India at Chitrakoot, MP as the Vice-Chancellor; acted Chairman/Member of Review Committees of AICTE (NBA) and NAAC for evaluation of quality education in Indian Universities/ College. His published 48 research papers and many other publications. Dr Singh was a recipient of more than 30 awards from many Institutions.

ISAE Paid tribute to **Dr Gyanendra Singh** on 18.01.2024 during the meeting conducted at ISAE office

New Members

Life Members

Membership No.	Member Name
LM-12735	Dr. Kamendra
LM-12736	Dr. Maulik Labhub hai Ramani
LM-12737	Er. Jagubhai M. Makavana
LM-12738	Dr. Narender Raju Panjagari
LM-12739	Dr. Brijesh Kumar Yadav
LM-12740	Er. Kapupara Parth Jayantilal
LM-12741	Er. Divyesh Rameshbhai Vaghela
LM-12742	Dr. Nale Jyoti Punjahhari
LM-12743	Dr. Sanwal Singh Meena
LM-12744	Er. Swapnil Choudhary
LM-12745	Dr. Sandip Gangil
LM-12746	Dr. Vallu Tejaswini
LM-12747	Er. Chandralekha
LM-12748	Er. Songthet ChinnunemHaokip
LM-12749	Er. Niranjan Kumar
LM-12750	Er. Rahul Kumar Thakur
LM-12751	Er. Ramlakhan Singh Thakur
LM-12752	Er. Vani Ganjahalli
LM-12753	Er. Deepak Kumar
LM-12754	Er. Lokhande Sanjay Bhimashankar
LM-12755	Er. Bhavin Soni
LM-12756	Er. Asim Kumar Joshi
LM-12757	Dr. Rohit Kumar Singh
LM-12758	Dr. Sanjay Kumar Singh Patel
LM-12759	Dr. Shikha Mehta
LM-12760	Dr. Kamla Malik
LM-12761	Dr. Amrita Doshi
LM-12762	Dr. Saravanapriya G
LM-12763	Er. Bishnu Kumar Karki
LM-12764	Er. Merenungla Ozukum
LM-12765	Er. Nitin Prakashrao Patil
LM-12766	Dr. N. Shanmugam
LM-12767	Er. Umangkumar Zalavadiya
LM-12768	Er. Adarsha Gopalakrishna Bhat
LM-12769	Dr. Shashi Rawat
LM-12770	Er. Sachin Channappa Hallad
LM-12771	Dr. Vijay Paul

New Members

Annual Members

Membership No.	Member Name
AM-240101	Er. Yash Harbhambhai Modhvadiya
AM-240202	Er. MANOJA V

Student Members

Membership No.	Member Name
SM-240101	Simran Andotra
SM-240102	Reena G
SM-240103	Padma Priya.R
SM-240104	Subasri. A
SM-240105	Sangeetha E
SM-240106	Dharani I
SM-240107	Niviya.S
SM-240108	Nithyasree.S
SM-240109	Aarthi. G
SM-240110	Gomathi R
SM-240111	Sutheesh.A
SM-240112	K. Devikasrikarthikeyan
SM-240113	K Kamali Kalaisevan
SM-240114	Hamsathvani sabarimalai
SM-240115	Abhishek Kumar P
SM-240116	Devadharshini C
SM-240117	Bhuvaneswari M
SM-240118	Aruna K
SM-240119	Kalki R
SM-240120	Mahendhiran R.
SM-240121	Sandhiya. R
SM-240122	Kamali K
SM-240123	Subisha K
SM-240124	Sivaprakash P
SM-240125	K. Dhivyadharshini
SM-240126	Dhinesh N
SM-240127	Gokulraj R
SM-240128	Mohanraj M
SM-240129	Vikram S
SM-240130	Akash. J
SM-240131	Balathandayuthabani.P
SM-240132	Aathithya cholana.I



New Members

Student Members

Membership No.	Member Name
SM-240133	Arun .c
SM-240134	TAMILVANAN
SM-240135	Sharugasan.s
SM-240136	Bharathwaj. R
SM-240137	Gaurav Mehta
SM-240138	Kashesh M
SM-240139	Ratnesh Kumar Malhotra

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3.	D.M. <u>Kadam</u>	Vice President (Activity Council)	vicepresident_ac@isae.in dmkadam11k@gmail.com	
4.	<u>Ambrish Kumar</u>	Vice President (Technical Council)	vicepresident_tc@isae.in aktswc@gmail.com	
5.	P.K. <u>Sahoo</u>	Secretary General	secretarygeneral@isae.in sahoopk1965@gmail.com	
6.	T.K. <u>Khura</u>	Secretary-I	secretary1@isae.in tapankhura2020@gmail.com	
7.	Chandra <u>Shekhar</u>	Secretary-II	secretary2@isae.in agm.engg@indiaseeds.com	
8.	A.K. Thakur	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

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