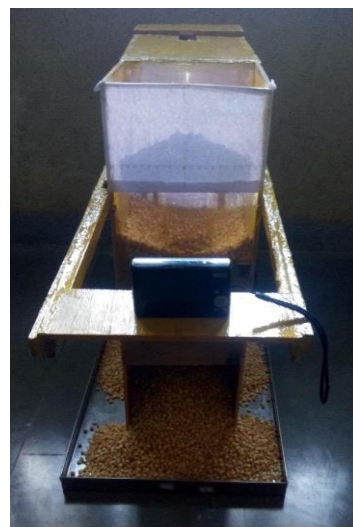
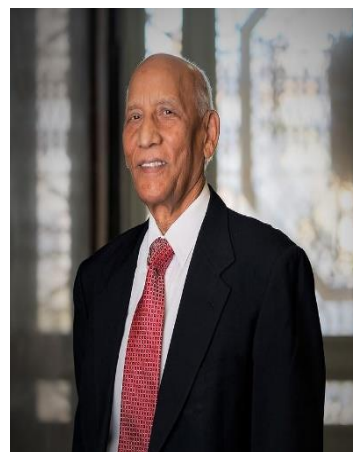


# e-NEWSLETTER

## INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

.... Connecting Engineers in Agriculture

May - June, 2024



5600 + Life Members

36 Chapters

2 Scientific Journals

Published by  
**INDIAN SOCIETY OF AGRICULTURAL ENGINEERS**

© ISAE reserves all rights to the information contained in this publication, which cannot be copied or reprinted by any means without permission of ISAE



## Message From The President



***My Dear all ISAE well-wishers and readers of this e-newsletter!** I am happy to say that The Indian Society of Agricultural Engineers (ISAE) is now truly Internationally recognised scientific society of India. Last year we signed MoU with the American Society of Agricultural and Biological Engineering (ASABE) for sharing responsibility in organising global events and for parity of ISAE members with its own member for attending ASABE conferences. This year we were successful in getting recognition and approval of **The International Commission of Agricultural and Biological Engineering (CIGR) International conference 2028 in India** under the aegis of ISAE. **Friends!** It was not an easy job. Almost since a year we were working on it and then going to Jeju Island, South Korea for presenting the bid and convincing the CIGR Executive board to have India a venue for 2028 CIGR International conference. We lobbied and canvassed them consecutively thrice at right time in right manner using right medium, including physical canvassing during the meeting in South Korea.. Though my health during travel to Jeju South Korea and presentation of bid was at risk of high fever, help of Dr. Devinder Dhingra was highly commendable. I also thank to Dr. G Singh, Dr. Vilas Salokhe, and Dr. Lalit R. Verma for garnering supports of other countries. We did something which was never thought of in the journey of ISAE . Hope your all supports in organizing this biggest event in 2028 with participants from more than 40 countries are expected..*

***My dear ISAEians!** I am also happy to inform to all contributors in Journal of Agricultural Engineering (India) that during last two months we have completed assigning of DOIs and activating them in all issues of journal since 2000 to till now (total 24 years), The ISSN database of online version of JAEI has been updated with journal URL, society URL and other details of ISAE as a publisher. It was till now owned by the Indianjournal.com. The JAEI is now preserved in dark archive called Public Knowledge Project (PKP-PN) and this preservation network is powered by LOCKSS (Lots of Copies Keep Stuff Safe). A major requirement of SCOPUS and Web of Science/Clarivate as per COPE Principles of transparency and the best and Core Practices have been fulfilled. Benefits of these upgradations are many folds. Journal now is also abstracted in BASE (Bielefeld Academic Search Engine) Indexing in Copernicus International, MIAR (Information Matrics for Analysis of Journals) ZDB (Zeitschriften Datenbank). **These steps have made now JAEI also a true International journal and thus now in last month the journal received contributions from China, Thailand, Egypt, and Iran.** Earlier we were hardly getting any papers from outside country.*

***Dear ISAE members!** Preparation of 58<sup>th</sup> Convention and International Symposium has started. Notification of awards is in place. Request you to apply and nominate the suitable candidates in big numbers. Since two years we have not only followed full transparency, but also showed the same and there was nil controversies with any awards and recognitions. We have invited members to send their commercialized inventions for putting on ISAE wall calendar 2025 and planning to have competition of PhD thesis for encouraging the budding scientists of the country. We signed revised MoU with Indian Journal dot com for online marketing and archiving of JAEI and AET non-exclusively. It has open windows for ISAE to market through various ways and means either by own or through some other agencies. ISAE EC is trying to do its best. Need some more helps from some more members to actually widen the base of contributors so that society's development should be sustainable and more inclusive to make it incredible.*

**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. The progress made by the ISAE in different aspects such as MoU's signed between ISAE and ASABE, AAAE, Indianjournal.com and M/s. Cyberlatives for maintenance of ISAE web page and journal management system, preparation of next ISAE annual convention at VNKV, Parbhani.*

*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 May- June, 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.*

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

**Chandra Shekhar**  
Chief Editor



### e-Newsletter Editorial Board



#### **Chandra Shekhar**

( Editor-in-Chief)

Astt. General Manager (Engg./IT)

National Seeds Corporation Ltd.

Beej Bhawan, Pusa Complex, New Delhi -110012

Email ID- [iitkanpur.chandu@gmail.com](mailto:iitkanpur.chandu@gmail.com)

#### **Dr. I L Pardeshi**

(Co-Editor-in-Chief)

Professor and Head,

Dept. of PHM of Food Grains and Seeds,

PG IPHM, Dist. Raigad (Maharashtra) – 402116

Email ID- [ilpardesi123@gmail.com](mailto:ilpardesi123@gmail.com)



# Contents

- 1** ISAE Happenings
- 2** Three Patents Granted within a month to Anand Agricultural University brought wave of happiness among scientific fraternity
- 3** World Environment Day 2024
- 4** New government shows commitments to farmer welfare
- 5** Success Story of Kiwi Vines Pruning Device developed by AICRP on ESA, NERIST centre
- 6** Dr. Vijay P. Singh Recognized Highly Ranked Scholar status
- 7** Remembrance on birth anniversary of Mason Vaugh
- 8** Awards and Achievements
- 9** Great Bhet
- 10** Remembrance on 30th Death Anniversary of Prof. C V Paul
- 11** New members

## ISAE Happenings

### The 29<sup>th</sup> ISAE Executive Committee meeting held on 11.05.2024

The ISAE Executive Committee meeting was held on 11.05.2024 in Zoom platform at 11:00 AM. The Secretary General, ISAE presented the action taken report. The president ISAE briefed about the achievement of JAE(I) getting the rating of SJIF, it was possible by upgrading online journal management system and up gradation of ISAE web site. Ms. Anamika Jha from Jamshedpur, was hired by the ISAE as copy editor. It is also informed that more efforts are required to enhance the subscription of the ISAE journals and magazines, It was also reiterated that the membership drive may be expedited by the ISAE executive members and state chapters' Executive Board members. And the following agenda items were discussed and unanimously agreed upon:

- 1- After detail deliberation it was decided that application for different ISAE awards may be invited and processed as per the timeline.
- 2- It was decided that Ms. Mamata Jain, Editor-in-chief AET, Dr. Ambrish Kumar, Vice President, ISAE and Dr. D.M. Kadam, Vice-President may represent ISAE in next ASABE annual international meeting 2024 at Anaheim, California, USA subject to availability of Visa and completing other formalities.



## ISAE Happenings

### The 29<sup>th</sup> ISAE Executive Committee meeting held on 11.05.2024

- 3- The nonexclusive MoU was signed between ISAE and Indianjournal.com. The Revenue sharing percentage between ISAE and Indian journal.com has been mentioned clearly in the MoU and after 3 years the journals will be open accessed.
- 4- It was decided to extend the tenure of the contractual staff for next six months to handle the work load due to various activities of ISAE.
- 5- The editor-in-chief JAE(I) informed that the complete list of the editorial board of JAE(I) will be presented in the next meeting.
- 6- The proposal for installation of biometric in the ISAE HQ was-put before the meeting. It was decided that biometric machine with self-storage device or connected to personal computer may be explored and installed.
- 7- It was decided that in coming months three online talks on the AI, Machine learning and IoT and its application in the domains of agriculture to be delivered by three international speakers Dr. Dharmendra Saraswat, Dr. Pithola and Dr. Kinsley may be arranged and final date and time will be decided after consultation with them.
- 8- The list of LM enrolled in the ISAE after excluding the deceased members may be prepared before issuance of the ID card to the members.
- 9- There is a shortage of 400-600 members to achieve the target of 6000 members drive by the ISAE. Therefore, the state chapters, Deans of Agricultural Engineering colleges may be contacted to motivate the students and faculty members to join in ISAE.
- 10- A small 5 minutes documentary video on Agricultural Engineering is proposed to prepared to attract for young persons to the profession.
- 11- The meeting of the ISAE states chapters may be conducted on regular basis and the state chapters who have not opened bank account may do so to get the fund from ISAE, HQ. Various activities may be conducted at chapter level to generate revenue and attract sponsoredship.

## ISAE Happenings

### The 5<sup>th</sup> ISAE Council meeting held on 11.05.2024

The ISAE Council meeting was held on 11.05.2024 in Zoom platform at 12:30 PM. The Secretary General welcomed all the members of ISAE council to the meeting. The President, ISAE briefed all the members about the progress made by the ISAE in different aspects. Further the meeting was started as per the agenda items and following decisions were taken unanimously.

1. Theme of the of the forthcoming ISAE annual convention and international symposium was discussed and the following themes were finalized:
  - a) ISAE Annual Convention: Engineering Innovations for Next Gen Digital Agriculture.
  - b) International Symposium: Agricultural Engineering Education for Aspiring Youth in Transforming Agriculture
2. The President informed that some ISAE state chapters received fund from different sources in FY 2023-24 which were reflected on the income tax statement of the ISAE HQ. Since most of the ISAE state chapters opened their accounts with the PAN of ISAE HQ, it is requested that the chapters getting fund-must-inform ISAE HQ to avoid penalty.
3. It was proposed to register ISAE for Corporate Social Responsibility (CSR) funding from different business houses and industry. Members unanimously agreed to register under CSR as the presence of the society may be expanded on different domains.
4. Dr. Kalpna Rayaguru proposed to prepare a report on the women entrepreneurs with the professional background of agricultural engineering. It was suggested that she should take a lead to organize one/two day's workshop on women entrepreneur under the umbrella of ISAE to get more information.
5. The president also informed about the book on Agricultural engineering collages in India and all the states chapters are requested to give the information about the colleges, students intakes, student placement, student pass out etc. of their state to Dr. K.P. Singh, Director (Award) so that a comprehensive book may be compiled and released in next ISAE annual convention at Parbhani.
6. The venue and dates of next ISAE annual convention and international symposium was finalized as VNMKV, Parbhani and 12-14 November, 2024 respectively. All the members may be informed to book the above dates for participation in the upcoming ISAE convention in large numbers.
7. The states chapters are requested to take a lead for membership drive to bring more and more student/life/corporate members in the ambit of the ISAE

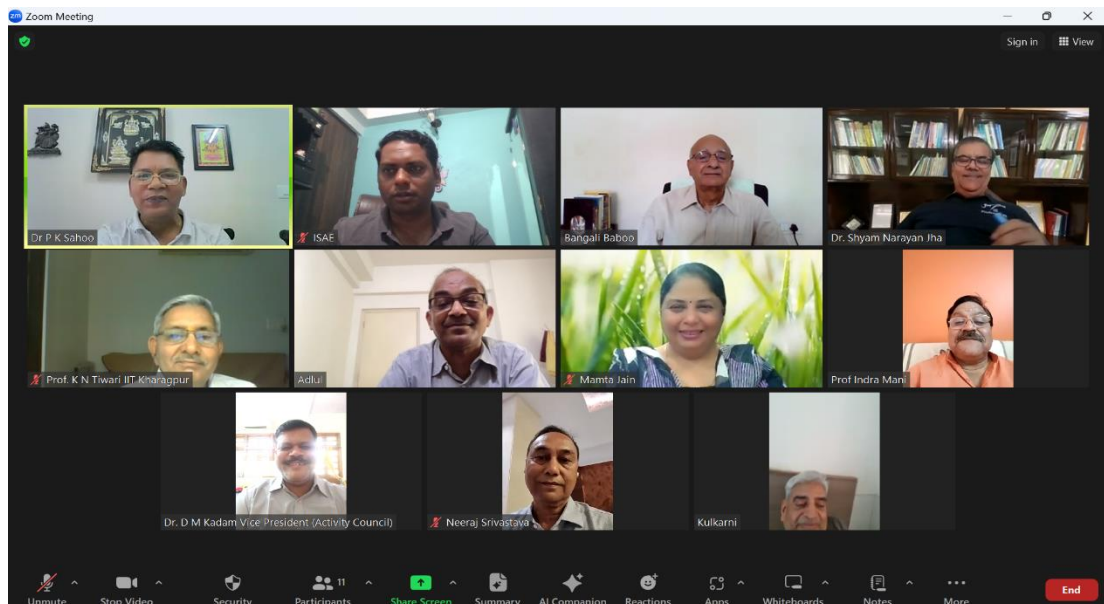


## ISAE Happenings

### ISAE Advisory Committee 2<sup>nd</sup> Meeting Held on 28<sup>th</sup> April 2024

The Secretary General, ISAE presented the action taken report on the suggestions made by the members in the first meeting held on 02.04.2023. The members of Advisory committee are very much appreciative of the work done by EC in last one year, A detail discussion was held and following advises were given by the committee.

1. The signing of MoU between ISAE and the state chapter organizing the convention and international symposium should be done to avoid any confusion even if the executive board of the state chapter and executive committee of ISAE are changed due to one or other reasons for payment from saving of funds raised for organization of annual convention and International Symposium and for other terms and conditions. The MoU will be binding for both the parties. The other terms and conditions will be governed by revised ISAE constitution.
2. Efforts should be made to develop standards as decided earlier within a time frame by the committee constituted for the purpose
3. The state chapters may be encouraged to organize seminar and conferences to increase the revenue and activities to bring more focus to Agricultural Engineering profession.
4. The online talks/ seminars may be organized for the students and members of the society by the headquarter. These activities may be mentioned in the annual calendar of ISAE and advertised in different medias.
5. The efforts may be made to bring ISAE into prominence by making short films and advertise the activities not only in website but also in other electronics and print medias.



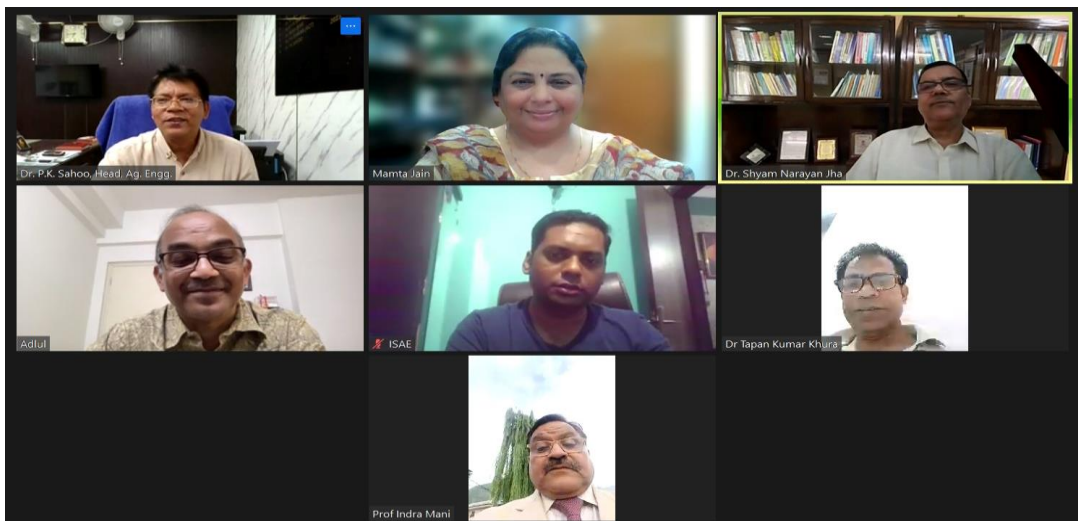


## ISAE Happenings

### The 30<sup>th</sup> ISAE Executive Committee meeting held on 08.06.2024

The Secretary General welcomed all the members of Executive Committee and presented the action taken report. The President, ISAE informed that Dol numbers of the research paper published in JAE has been updated from 2000 to 2024 and progress made about constitution of committee for CIGR-2024 conference. The following points were discussed in the meeting as per the agenda items and the decisions were taken unanimously.

1. The members of organizing committee for the upcoming ISAE annual convention and International symposium at VNMKV, Parbhani will be invited to brief about the progress in organizing the Convention.
2. The Editor-in-chief of JAE(1) informed that some member(s) from editorial board of JAE were relived and in place of the vacate positions the new members will be inducted soon.
3. It was proposed to conduct online General Body meeting of ISAE on July, 2024.
4. After through discussion it we decided that Dr. Vishwanathan will be the technical director for compilation of the ISAE abstracts submitted in Process and Food Engineering section as Dr. PK Pathak is preoccupied.
5. It was proposed to hold PhD thesis competition in this year for the degree awarded during 2023-24 certified by the Dean/Director/Head of Agricultural Engineering colleges/Institutes/Departments. The best one shall be given a certificate and aid in form of third AC train fare and free registration for participating in Parbhanni Convention
6. It was informed that the local organizing committee for CIGR conference will be constituted after consultation with local ISAE chapter and ISAE members resided in NCR-Delhi region



## ISAE Happenings

### ISAE won bid for organizing CIGR 2028 International Conference in India

ISAE submitted final bid for organising CIGR World congress 2028 in New Delhi to Executive board of CIGR in partnership of ICAR. ISAE and won the bid and award letter has been given to the president



International Commission of Agricultural and Biosystems Engineering

May 26, 2024

**RE: Award of the 2028 CIGR International Conference Organization**

Dr. S. N. Jha,  
President, ISAE,  
Society Block, Dev Prakash Shastri Marg,  
Pusa, New Delhi - 110012  
INDIA

Dear Dr. Jha,

I'm pleased to inform you that the Indian Society of Agricultural Engineering (ISAE) was selected by the CIGR Presidium as the organizer for 2028 CIGR International Conference. The venue of the conference will be in New Delhi, India as presented in your proposal.

ISAE is responsible for all arrangements and financial decisions. The Presidium will assist you in ensuring the collaboration of the CIGR Technical Sections and Workgroups for a successful and comprehensive scientific and technical program.

Kindly complete and return to me a copy of the attached MOU signed by the appropriate representatives of ISAE. This last step will complete the agreement between ISAE and CIGR.

Regards,



Fedro S. Zazueta  
CIGR, Secretary General  
Emeritus Professor, University of Florida

## ISAE Happenings

### NOTIFICATION FOR ISAE AWARDS (2024)

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)

ISAE firmly believes in recognizing excellence and aims to honor those who have made noteworthy advancements and demonstrated exceptional dedication within the field of Agricultural Engineering. Members who meet the eligibility criteria are encouraged to apply or nominate deserving candidates for consideration for these prestigious awards. The awards encompass various areas of specialization within Agricultural Engineering, encompassing research, innovation, teaching, and service to the profession and society.

ISAE values the contributions made by its members and seeks to showcase their exceptional achievements and dedication. By participating in the nomination and application process for these awards, it will us to celebrate the excellence and positive impact of Agricultural Engineering professionals. The deadline for submission is specified for each award. ISAE look forward to receiving numerous outstanding nominations and applications for the ISAE Awards and extend our gratitude to all members for their unwavering commitment to advancing the field of Agricultural Engineering and serving the profession and society.



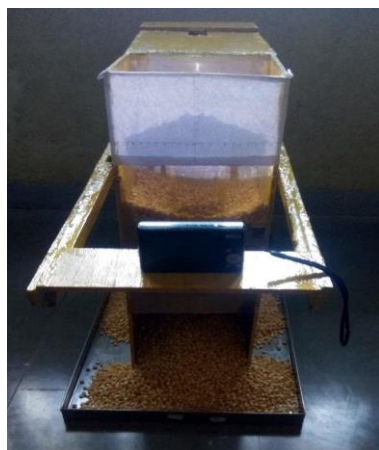
## Three Patents Granted within a month to Anand Agricultural University brought wave of happiness among scientific fraternity

Anand Agricultural University, Anand got three patents for its valuable research and technology development in the area of Agricultural Engineering from Controller General of Patents, Indian Patent Office, Government of India, with in a short span of one month. Dr. K. B. Kathiria, Honourable Vice Chancellor, AAU, Anand, whose vision and motivation played a key role in realizing this visionary invention, congratulated the whole team of inventors. The continuous inspiration and guidance from the Dr. M.K. Jhala, Director of Research and Dean PG studies, AAU, Anand were vital for this accomplishment. The whole scientific fraternity of the university is under the wave of happiness. The equipment were developed at College of Agricultural Engineering and Technology, Godhra and Polytechnic in Agricultural Engineering, Dahod campus of Anand Agricultural University and the process of patent filing and necessary follow-up was done under the able guidance of Dr. Akarsh Parihar, Member Secretary, IPR Cell of AAU, Anand.

The three patents granted to AAU, Anand include a **patent** on an ‘**Apparatus and Method for Measuring Angle of Repose**’(Patent No. 479162). The angle of repose refers to angle between the free inclined-plane and the base of piled grains. The angle is being affected by the shapes of particle, size, moisture content, stacking condition etc. The angle of repose is useful in food industry, chemical industry, warehouses, feed, pharmacy etc. Angle of repose and curvature of grains play an important role in selection of design features of hoppers, chutes, dryer, storage bins and other equipment. The contribution of inventors namely, Dr. Navneet Kumar, Dr. Neeraj Seth, Er. Sravan Kumar, Er. Vishal Mehra, Dr. Pankaj Gupta, Dr. R. Subbaiah, Dr. B. K. Yaduvanshi; are truly commendable and noteworthy.



**Dr. Navneet Kumar,**  
Group leader of team'



**Apparatus for measuring Angle of Repose**

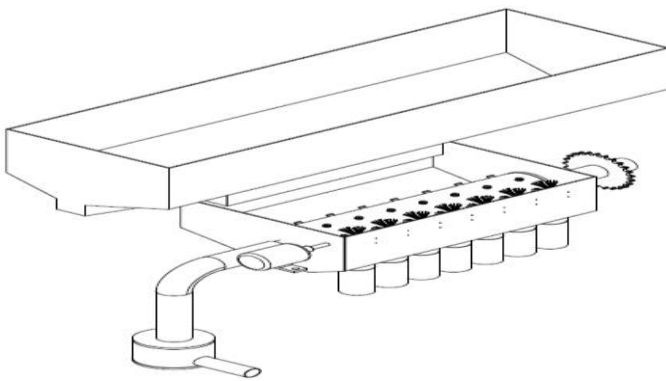


## Three Patents Granted within a month to Anand Agricultural University brought wave of happiness among scientific fraternity

The second patent out of total three is on ‘Pneumatic Seed Metering Device for seed planting’ (Patent No. 513810). Seed planting machine having pneumatic seed metering mechanism is able to precisely sow the seeds for getting higher productivity. It is efficient and cost effective. It can be used for precise sowing of different crops having different seed size and shape with some adjustments. Moreover, it provides versatility to be used for converting conventional seed drills into precise seed metering device. The contribution of inventors namely, Dr. Pankaj Gupta, Dr. R. Swarnkar, Dr. S.K. Patel, Dr. R. C. Salunkhe, Dr. B. K. Yaduvanshi, Sh. Nilesh M. Patel are truly commendable and noteworthy.



Dr. Pankaj Gupta,  
Group leader of team



### Pneumatic Seed Metering Device

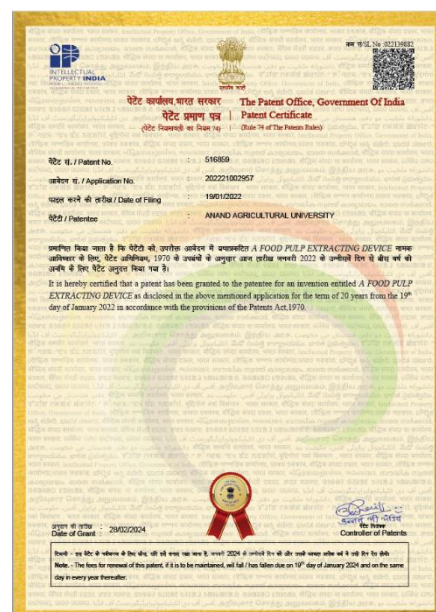


## Three Patents Granted within a month to Anand Agricultural University brought wave of happiness among scientific fraternity

The third patent entitles 'A Food Pulp Extracting Device for extracting food pulp from seeded fruits, eliminating the need for manual seed removal' (Patent No. 516859). It comprises an outer cylinder enclosing a perforated cylinder, auger, brush, and feeding hopper. The auger conveys fruit feed to the perforated cylinder, where a rotating brush separates seeds and gritty pulp from the fruit. The separated pulp exits through a pulp outlet, while seeds are being removed through a seed outlet due to the device's inclination. The device operates in a closed environment, reducing oxidation and contamination risks. Additionally, it features adjustment means for fruit maturity and planetary gear-driven rotation for efficient pulp extraction. The contribution of inventors namely, Dr. Farid G. Sayyad, Dr. B. K. Yaduvanshi, Dr. Navneet Kumar, Dr. M. M. Trivedi, Dr. S. K. Patel, Er. Sravan Kumar, Dr. Shailendra Gangwar are truly commendable and noteworthy.



Dr. Farid, Group leader of team



Dr. R. Subbaiah, Principal and Dean, CAET, AAU, Godhra congratulated all the scientists for valuable and remarkable inventions done by them and said this will be the fundamental stone to gain much in future.

Dr. Kathiria, Honourable Vice Chancellor stated that achievements in this area would certainly strengthen the initiatives taken by the state and central governmentlike Make in India and Startup India Initiatives, Patent Facilitation Centers (PFCs), Geographical Indications (GI) Scheme, Traditional Knowledge Digital Library (TKDL), IPR Enforcement Cell to promote and protect IPR in the country.



## World Environment Day 2024

ICAR Institutes pan India celebrated World Environment Day on the theme "Land Restoration, Desertification and Drought Resilience", on 5<sup>th</sup> June 2024

### ICAR-Agricultural Technology Application Research Institute, Bengaluru

The Chief Guest, Dr. Sushilkumar, Director, ICAR - National Bureau of Agricultural Insect Resources, Bengaluru planted a tree sapling in the ICAR-ATARI campus to mark the initiation of 50000+ tree planting campaign in the presence of Dr. V. Venkatasubramanian, Director, ICAR-ATARI, Bengaluru and staff of the institute. Subsequently, all the ICAR-KVKs of ICAR-ATARI Bengaluru planted 8000+ tree plantings during the campaign



### ICAR-Krishi Vigyan Kendra, Namsai

The Senior Scientist-cum-Head, ICAR-KVK, Namsai, highlighted the significance of the day and emphasized the need for practical and resilient practices, using the 3 R's (Reduce, Reuse, and Recycle) in daily life to protect the environment. About 20 progressive farmers participated in the programme



### ICAR-Krishi Vigyan Kendra, Ri-Bhoi

Dr. Meghna Sarma, SMS, Agronomy, stressed the slogan Our Land Our future and briefed various ways required to safeguard our ecosystems. Dr. Moloy S. Baruah, SMS, Animal Science urged the farmers to adopt environmentally-friendly technologies and engage in activities that protect the environment. About 1000 tree saplings of Khasi Mandarin, Assam lemon, and citrus jambhiri were distributed to the farmers today as a part of the celebration for the development of the Orchard, 25 farmers and farm women attended the programme.



## World Environment Day 2024

### ICAR- Central Research Institute for Dryland Agriculture, Hyderabad

Dr. Manoranjan Kumar, Principal Scientist (Soil & Water Conservation & Engg) and Nodal officer, NSS Unit, ICAR-CRIDA, highlighted the need for lifestyle orientation in harmony with nature to prevent the degradation of the environment. Dr. M.S. Rao, Head (Division of Crop Science) and Director-in-charge, emphasized the importance of the Environment, and the necessary steps to be taken for its conservation and protection. The students and faculty planted more than 50 tree saplings at Hayathnagar Research Farm, ICAR-CRIDA, Hyderabad.



### ICAR-Central Island Agricultural Research Institute, Port Blair

Dr. E.B. Chakurkar, Director, ICAR-CIARI, emphasized the importance of trees in reducing greenhouse gases and aiding in carbon sequestration. He urged the staff and their families to plant at least one tree for future generations, supporting livelihood and environmental sustainability.



### ICAR-National Bureau of Fish Genetic Resources, Lucknow

The guest speaker, Dr. Sanjay Arora, emphasized the need for strategic planning in the sustainable management of lands for future generations. Dr. U.K. Sarkar, Director, ICAR-NBFGR, was also present during the programme. About 150 participants attended the programme.





## World Environment Day 2024

### ICAR-Indian Institute of Agricultural Biotechnology, Ranchi

The Chief Guest, Dr. Devesh Mittal, Deputy General Manager (B&O), SBI, Ranchi, delivered an enlightening keynote address on the role of SBI in reducing the carbon footprint of its operations and supporting environmentally-friendly projects. Dr. V.P. Bhadana, Joint Director (Res.), briefed about various agricultural research, academic, and extension activities of the institute. Dr. Sujay Rakshit, Director, ICAR-IIAB, highlighted the importance of planting perennial trees in fostering sustainable practices and safeguarding our environment. He also emphasized on adoption of climate-resilient practices for both personal and professional life to protect our planet.



### WBCADC Krishi Vigyan Kendra, Bankura, ICAR-Agricultural Technology Application Research Institute, Kolkata

Speaking on the occasion, Dr. Pradip Dey, Director of ICAR-ATARI, Kolkata, highlighted the need for a lifestyle attuned to the rhythms of nature to stave off environmental degradation. Dr. Dey emphasized sustainable practices, habitat protection, reduction of microplastic pollution, and the restoration of degraded landscapes to revive biodiversity and strengthen community resilience.

Dr. M.D. Gupta, Head, WBCADC, ICAR-KVK, accentuated the significance and backdrop of the day. Shri. Giasuddin Mondal, Director, Masmad Farmers Producer Company, Indus, Bankura briefed the importance of cultivating climate resilient millet and its marketing.





## World Environment Day 2024

### ICAR-Indian Agricultural Research Institute, New Delhi

The Chief Guest, Shri. Franklin L. Khobung, Joint Secretary (NRM/RFS), Guest of Honor, Dr. C. Viswanathan, Joint Director (Research), ICAR-IARI along with other officials, planted saplings of Bael Patra (*Aegle marmelos*), Shahtoot (*Morus alba*), Papdi (*Holoptelea integrifolia*) and Banyan tree (*Ficus benghalensis*) during the programme. About of 180 students including from school, college, and institute participated in the programme.



### ICAR-Central Institute of Brackishwater Aquaculture, Chennai

Dr. M. Kailasam, Head, Finfish Culture Division & Director (I/c) along with the staff participated in the plantation of fruit tree saplings at Government Higher Primary School, Kanathur Reddikuppam, Chennai to create awareness among the younger generation. Dr. Debasis De, Head, KRC of ICAR-CIBA, along with other officials attended the programme



### ICAR-Central Coastal Agricultural Research Institute, Goa

The Chief Guest, Smt. Tejaswini P. IFS, Deputy Conservator of Forests, Research and Utilization Division, Margao, emphasized the critical importance of lifestyle changes to conserve the environment and the necessity of practicing the 3R's (Reduce, Reuse, and Recycle) to achieve sustainable development. She also urged implementing environment-friendly practices such as rainwater harvesting, wastewater recycling, the establishment of a biogas unit, and the promotion of sustainable agricultural practices.

Dr. A. Raizada, In-charge Director, delivered a lecture on 'Issues on Land Degradation and Pollution in Goa' and briefed about land degradation, water crises, mining, and the impact of unsustainable tourism on the environment. Around 50 seedlings of kokum and bamboo were planted during the programme aiming to combat soil erosion, enhance biodiversity, and contribute to the reforestation efforts in the region. A total of 60 participants attended the programme.



## World Environment Day 2024

### ICAR- Indian Agricultural Research Institute, Assam

Dr. Anamika Gogoi, Gogamukh Circle Officer, Dhemaji, served as the Chief Guest for the programme. A plantation drive was conducted, planting 160 tree seedlings inside the institute premises and on the Subansiri River bank, including various tree species like Terminalia arjuna, Mimospus elengi, Bauhinia variegata, Adenothera pavonina, Cassia fistula, Anthocephalus cadamba, Adenothera pavonina, Artocarpus heterophyllus, Artocarpus altilis, Lagerstoemia speciosa, Mesua ferrea, Bombax ceiba, Syzgium cumini, Acacia mangium, and Delonix regia.



### Krishi Vigyan Kendra, North Goa, ICAR-Central Coastal Agricultural Institute, Goa

Dr. N. Bommayasamy, Senior Scientist and Head, ICAR-KVK North Goa, emphasized the importance of adopting land restoration practices to conserve and manage natural resources, ecosystems, and biodiversity, ensuring their sustainability for present and future generations. Shri. Vishwas Sukathankar, Chairman, Kumajuve Dairy Cooperative Society urged farmers to increase tree plantation to mitigate the effects of climate change. A total of 34 farmers attended the programme and received vegetable seed kits.



### ICAR-Indian Institute of Water Management, Bhubaneswar

The Chief Guest, Shri. R.R. Nayak, Director, Command Area Development & Water Management, highlighted robust monitoring in groundwater recharging through community involvement and advised to undertake research on 'water footprint and market availability of the agricultural produce, cost of production, crop diversification etc'.

The Guest of Honour, Er. S.N. Naik, Joint Director, Directorate of Soil Conservation and Watershed Development, urged the involvement of people in the watershed development programmes. Dr. Arjamadutta Sarangi, Director, ICAR-IIWM, emphasized that every rupee invested in land restoration can bring up to Rs. 30/- in ecosystem services.





## New government shows commitment to farmers' welfare

### PM Modi Narendra Modi signs his first file authorising release of 17<sup>th</sup> instalment of PM Kisan Nidhi

First decision of the new government shows commitment of government to farmer welfare. First file signed by PM pertains to PM Kisan Nidhi release. PM After being sworn in as Prime Minister for the 3rd time, PM Modi Narendra Modi's signs his first file authorising release of 17<sup>th</sup> instalment of PM Kisan Nidhi. This will benefits 9.3 crore farmers and distribute around Rs 20,000 crores. After signing the file, PM Modi said "Ours is a Government fully committed to Kisan Kalyan. It is therefore fitting that the first file signed on taking charge is related to farmer welfare. We want to keep working even more for the farmers and the agriculture sector in the times to come."



### Union Minister Shri Shivraj Singh Chouhan took a meeting regarding the 100 days action plan

Union Minister Shri Shivraj Singh Chouhan took a meeting regarding the 100 days action plan. Focus completely on farmer-oriented works – Agriculture Minister Shri Chouhan Take special care of increasing agricultural production, productivity and quality – Union Agriculture Minister Work rapidly as per the concept of the Prime Minister for the continuous development of farmers and agriculture sector.

New Delhi, June 12, 2024, Union Agriculture and Farmers Welfare and Rural Development Minister Shri Shivraj Singh Chouhan held a meeting today at Krishi Bhawan, as per the resolution of Prime Minister Shri Narendra Modi, and discussed in detail with senior officials regarding the 100-day agricultural action plan. discussed. During this, Shri Chouhan asked the officials to focus their entire attention on farmer-oriented works, so that work can be done expeditiously as per the concept of Prime Minister Shri Modi ji for the continuous development of the country's farmers and agriculture sector. Union Minister Shri Chouhan stressed that agricultural production and productivity should increase in the country, besides fulfilling our domestic needs, we should also implement a concrete action plan so that we can export quality agricultural products to other countries of the world as per requirement. should do. In the meeting, senior officials made presentations of department-wise schemes.





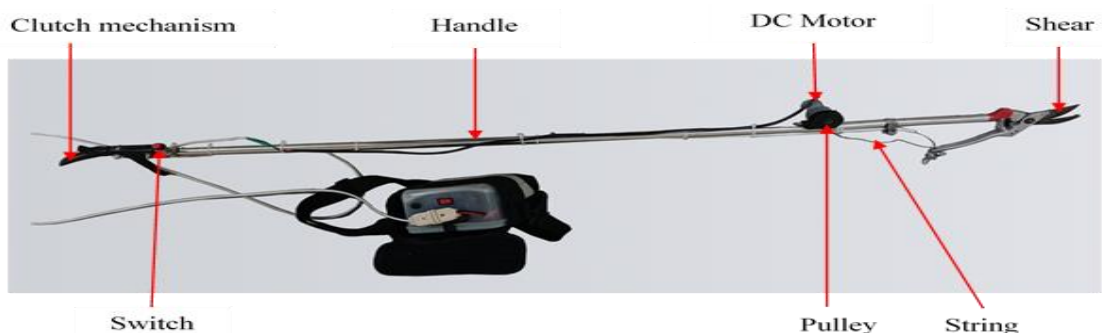
## Success Story of Kiwi Vines Pruning Device developed by AICRP on ESA, NERIST centre

The kiwi fruit or Chinese gooseberry is one popular horticulture fruit of Arunachal Pradesh and is grown extensively on the foothills. Nearly 80% of the kiwi produced in India comes from Arunachal Pradesh. Kiwi has a vine, much like grapes, it needs a similar training regimen, although it is more robust. The T-bar trellis system consists of iron or concrete pillars that are 1.8 meters above ground and spaced six meters apart in a row in a straight line. Kiwi vine grows typically 2–4 m yearly and becomes overcrowded and unmanageable if not controlled through pruning. Pruning is essential to divert nutrients flow towards fruiting branches and force more fruiting. Pruning ensures appropriate exposure to sunlight and supply of nutrients. The pruning of vines is done two times in a year which is in the summer and winter seasons. Summer pruning is essential for control of vegetative growth, spacing, and light access to the canopy. In pruning, the weakly grown or diseased laterals are cut off for the growth of strong and leader branches. During winter pruning, the fruiting laterals are cut beyond the last fruiting bud. Fruiting occurs on current season shoots coming out of last year's vine growth after pruning. Pruning of vine is done after 4–10 buds from the base bud which bears fruits last year. *Dao* (knife), cutter, scissors, looping shear, and pruners are used for pruning kiwi vines. Kiwi is grown in trenches and the trenches are not maintained properly. The pruning tasks during kiwi cultivation are performed above the shoulder height. Sometimes the kiwi vines are above the stature due to undulating surfaces and the vines are growing upwards. Daily use of hand tools may strongly impact workers health, work performance, and local muscular areas, such as fingers, wrist, forearm, and shoulders. To reduce the injuries and risk for MSDs to the workers, battery assisted manual kiwi vines pruner was developed.

### Components of the developed pruner

The developed pruner consist the following components

- i. Handle
- ii. Pruning shear
- iii. Clutch mechanism – to manually operate the shear
- iv. DC motor – to actuate the shear
- v. Pulley – attached in the shaft of the motor
- vi. String – connected between the pulley and shear
- vii. Battery
- viii. Switch - to power on or off the battery



## Success Story of Kiwi Vines Pruning Device developed by AICRP on ESA, NERIST centre

For manually operating the shear, a clutch lever and a string or the clutch wire was provided to operate the pruning shear manually. The string was attached between the movable part of the shear and clutch lever. Provision was made to increase or decrease the length of the string as and when needed. The string passes through a clutch wire cover to reduce corrosion and for easy movement. In the developed kiwi pruner, a 12 V DC motor was mounted near the pruning shear. The torque produced by the motor is 1.47 Nm and stall torque is 5.88 Nm. A pulley was attached to the shaft of the motor and a string was attached between the blade of the pruning shear and the pulley. One lithium-ion battery of 12 V 20 Ah was used to operate the motor. A switch was provided in battery assisted kiwi pruner to on/ off the power supply to the motor.

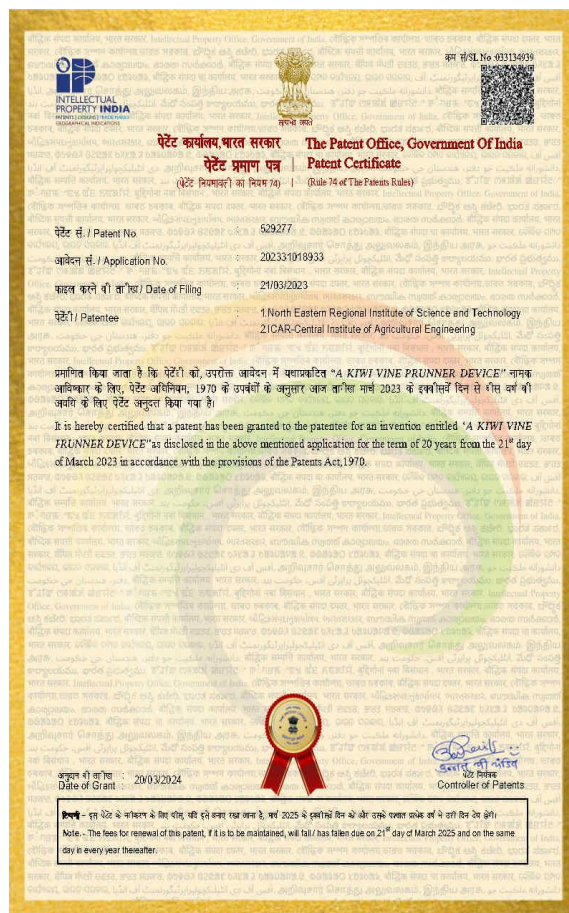
The developed pruner has been granted Indian patent with patent No. 529277. A total of 20 FLD programmes were organised for kiwi vines pruning device. The pruning device was accepted by the kiwi farmers and kiwi grower's cooperative societies. To create awareness among the workers, kiwi vines pruning device was also distributed in KVKs/Govt departments in Arunachal Pradesh.

The technology was developed by group

- Prof. K. N. Dewangan, Professor and Head,
- Dr. B.S.K. Chhetry, Junior Project Officer
- Ms. Sarju Thockchom, Junior Project Officer

North Eastern Regional Institute of Science and Technology, Nirjuli, Itanagar, Arunachal Pradesh

(Email: [kndewangan2001@yahoo.co.in](mailto:kndewangan2001@yahoo.co.in) / [knd@nerist.ac.in](mailto:knd@nerist.ac.in))



Dr. K. N. Dewangan

## Dr. Vijay P. Singh Recognized Highly Ranked Scholar status



### Dr. Vijay P. Singh

B.Sc.&Tech, M.S. (Engrg.), Ph.D., D.Sc., P.E., P.H., Hon.D. WRE, Dr. Eng. (Hon., Waterloo), D.Sc. (Hon., McGill), Ph.D. (Hon., Basilicata), D.Sc. (Hon., Guelph), Dist.M. ASCE, Dist.Hon.M. IWRA, Dist.F. AGGS, Hon.M. AWRA, Academician (GFA), NAE

Distinguished Professor  
 Regents Professor  
 Caroline and William N. Lehrer  
 Distinguished Chair in  
 Water Engineering  
 President, FARA  
 President, G.B.S. Board  
 Editor-in-Chief, Water Science and  
 Technology Library Bookseries  
 Editor-in-Chief, Global Water Resources  
 Book Series  
 Editor-in-Chief, Journal of Groundwater  
 Research

ScholarGPS celebrates Highly Ranked Scholars for their exceptional performance in various Fields, Disciplines, and Specialties. Dr. Singh’s prolific publication record, the high impact of your work, and the outstanding quality of your scholarly contributions have placed you in the top 0.05% of all scholars worldwide.

Dr. Singh, have been awarded Highly Ranked Scholar status based on his accomplishments over the totality of your career (lifetime) and over the prior five years

### Vijay P. Singh

ScholarGPS® ID: 58483272152952

★ **Highly Ranked Scholar - Lifetime:** <sup>1</sup>

- #3,432 Overall (All Fields)
- #424 Engineering and Computer Science
- #2 Hydrology
- #5 Drought
- #20 Water resource management
- #66 River

★ **Highly Ranked Scholar - Prior Five Years:** <sup>1</sup>

- #304 Overall (All Fields)
- #114 Engineering and Computer Science
- #1 Drought
- #1 Hydrology
- #2 Water resources
- #6 Spatiotemporal pattern
- #7 Water resource management
- #10 Vegetation
- #19 River

**Affiliation** <sup>1</sup>

Texas A&M University, College Station, United States

**Affiliation History** <sup>1</sup>

[View](#)

**Field**

Engineering and Computer Science

**Discipline**

Civil and Environmental Engineering

**Top Specialties**

Hydrology | Water Resources | River | Drought | Water Resource Management | Resource Management | Climate Change | Forecasting | Irrigation | Environment (systems) | Frequency Analysis | Groundwater | Meteorology | Hydraulic Engineering | Probability

**Metrics Summary**

**Publication Count** <sup>1</sup>

1,477

**Predicted Citations** <sup>1</sup>

67,816

**Predicted h-index** <sup>1</sup>

117

**Ranking**

[View](#)

Source : [https://scholargps.com/scholars/58483272152952/vijay-p-singh?e\\_ref=474f7f80763dc8f8cfd0](https://scholargps.com/scholars/58483272152952/vijay-p-singh?e_ref=474f7f80763dc8f8cfd0)



## Remembrance on birth anniversary of Mason Vaugh

Mason Vaugh (June 27, 1894 – October 7, 1978) was an American agriculturalist who developed the first agricultural engineering department outside North America in 1942 at Allahabad Agricultural Institute.

Mason Vaugh was born on June 27, 1894, in **Bonne terre, Missouri**. He graduated at the top of his class from grammar school and high school. He served in the US Army during World War I. In 1919 he was given a B.Sc. in agriculture from the University of Missouri and in 1928 earned the equivalent of a M.Sc. In Agricultural Engineering in 1928



In 1942 he became a lay missionary in India, teaching agricultural engineering at Allahabad Agriculture Institute. Vaugh adapted traditional Indian materials into modern agricultural implements. Among his innovations was the Shabash, an improved plow consisting of a plowshare, a moldboard, a few bolts and a wood beam. Improved implements such as the Shabash made it possible for farmers to plow larger areas than previously possible.

Vaugh introduced several other implements, such as hoes, cultivators and the wheat threshers. He was the leader of the Agricultural Development Society (ADS), established in Naini to manufacture and sell improved implements developed by ADS and the institute. He retired in 1957 and returned to the United States.

He has often been called the father of agricultural engineering in India. In his honor Indian Society of Agricultural Engineers (ISAE) established the Mason Vaughn Agricultural Engineering Pioneer Award.

8

शान्तिमोर्चा

हिन्दी दैनिक अयोध्या

### भारत में कृषि अभियांत्रिकी शिक्षा के जनक प्रोफेसर मेसन वा

जन्मदिन पर विशेष  
(लेखक प्रोफेसर  
रामकिशोर)

प्रोफेसर मेसन वा का जन्म 27 जून 1894 में संयुक्त राज्य अमेरिका के मिजुरी के अतर्गत बान टेर में हुआ था। मिजुरी विश्वविद्यालय University of Missouri उनका अल्मा मैटर था जहां से उन्होंने कृषि अभियांत्रिकी की शिक्षा प्राप्त की। संयुक्त राज्य अमेरिका से बाहर एशिया में सर्वप्रथम इलाहाबाद में इलाहाबाद एग्रीकल्चरल इंस्टिट्यूट अब शु.ए.एस. SHUATS में कृषि अभियांत्रिकी विभाग का सृजन किया जिसमें कुछ समय तक फार्म मशीनरी में प्रशिक्षण एवं डिप्लोमा कार्यक्रम संवाहित करने के बाद 1942 में एग्रीकल्चरल इंजीनियरिंग में डिग्री कोर्स प्रारंभ किया गया जिसका पहला बैच 1944 में निकला। कृषि इंजीनियरिंग शिक्षा का उत्तरीय विकास होता रहा और आईआईटी खड़कपुर सहित तमाम राज्य कृषि विश्वविद्यालयों में एग्रीकल्चरल इंजीनियरिंग विभाग / एग्रीकल्चरल इंजीनियरिंग एंड

#### Mason Vaugh

Mason Vaugh (June 27, 1894 – October 7, 1978) was an American agriculturalist who developed the first agricultural engineering ...



टेक्नेलॉजी महाविद्यालय स्थापित हो चुके और आंचलिक, प्रादेशिक, राष्ट्रीय समस्याओं पर ध्यान देते हुए शिक्षा, शोध, प्रसार कार्यक्रम चला रहे हैं। प्रोफेसर वा ने इलाहाबाद में कृषि की आवश्यकताओं के अनुरूप छोटे कृषि यंत्रों से कार्य प्रारंभ किया। मिट्टी पलट हलों के विकास के क्रम में किसानों के माव विभोर होने पर मिट्टी पलट हलों का नामकरण शाबाश और वाह वाह नाम से रखा गया। हल, हैरो, कल्टीवेटर, हो से आगे बढ़कर थ्रेसर का कार्य प्रारंभ किया गया। कृषि यंत्रों के निर्माण के लिए एग्रीकल्चरल डेवलपमेंट

सोसाइटी एडीयस नैनी में कार्यशाला स्थापित करके यंत्र निर्माण, प्रचार एवं विक्रय कार्य प्रारंभ हुआ। काफी समय तक एडीएस सक्रिय रही और कृषि यंत्र निर्माण में निर्माताओं की वृद्धि होती रही। थ्रेसर विकास में पंजाब में निर्माताओं ने व्यापक रुचि दिखाई तथा थ्रेसर पूरे देश में लोकोप्रिय हो गए तथा जगह-जगह बनने और पूरे देश में प्रयोग में आने लग गए। कटाई यंत्रों की बात पर प्रोफेसर वा की पवित्रावाणी किन्तनी सत्य सिद्ध हुई हुए वे प्राम कहते थे कि सारत हंसिया से सैपर पर न जाकर सीधे कबाइन पर

जाएगा। आज प्रमुख रूप से धान और गेहू की फसल की कटाई कबाइन हार्वेस्टर से हो रही है लेकिन तमाम प्रयास के बावजूद भी सैपर्स का प्रचलन नहीं पड़ पाया। इलाहाबाद में कार्य करते समय तथा बाद में भी प्रोफेसर वा के प्रोफेसर सी एम जेकब, प्रोफेसर सायरिल वी पाल, इटावा पायलट प्रोजेक्ट के अल्बर्ट मायर, प्राचार्य गण डॉक्टर सैम हिंगिन वॉटम तथा डॉ ए टी मोशर, केयरर जन, इंजीनियर जान वेलिस, इंडियन सोसायटी आफ एग्रीकल्चरल इंजीनियरिंग की स्थापना के बारे में इंडस्ट्री से जुड़े हुए इंजीनियर वी के जेन से संपर्क में रहे। एडीएस

का कार्य बाद में दुलाल बोर पुजारी को सौंप दिया था। प्रोफेसर मेसन वा ने तमाम एग्रीकल्चरल प्रपत्र, रिसर्च पेपर्स का सेट अपने अल्मा मैटर यूनिवर्सिटी ऑफ मिजुरी को सौंप दिया था। मिजुरी विश्वविद्यालय ने उन्हें लाइफ टाइम अचीवमेंट से सम्मानित किया। इंडियन सोसायटी आफ एग्रीकल्चरल इंजीनियरिंग ने भी उन्हें 1972 में जबलपुर सम्मेलन में सम्मानित किया। उनका यह सम्मान उनकी सुपुत्री ने प्राप्त किया। बनारस हिंदू विश्वविद्यालय से सेवानिवृत्त वरिष्ठ आचार्य के पी राय से मैंने प्रोफेसर वा के बारे में संस्मरण पूछा तो उन्होंने बताया कि उनके छात्र के रूप में आने से पहले वा साहब अमेरिका वापस चले गए थे, सीधे संपर्क का अवसर प्राप्त नहीं हुआ। पर एक प्रसिद्ध कहानी उन्होंने बताई प्रो. दिल्ली में जमुना का स्तर इतना तो इलाहाबाद में इतना तो एग्रीकल्चरल इंस्टिट्यूट में इस पर उनका गजब का ध्यान अनुमान रात 1:00 आने घर से निकले और एक फेकल्टी को साथ लिए वा

की तरफ गए कुछ सुखा बढ़ाए, तब इंस्टिट्यूट में इमरजेंसी सायरन बजाया। बाइ इंस्टिट्यूट के बोंध पर दस्तक दे रही थी। बहुत से लोग अवगत हैं कि बाइ की किर्मीषिका में जब भी बाइ दूटता है तब सीधे पानी सबसे पहले बेसमेंट में कैफीटेरिया में पहुँचता है। बिहार भूकंप की विनाश लीला के संदर्भ में गांधी जी ने जब सैम हिंगिन वॉटम से बिहार की स्थिति देखने का अनुरोध किया तो सैम साहब ने इसे सहर्ष स्वीकार किया और स्टेशन पर उनके अनन्य सहयोगी राजेंद्र प्रसाद जी मिले। उपजाऊ कृषि भूमि, गवन एवं रेल विनाश के विषय पर चर्चा करते हुए डॉ. सैम ने प्रोफेसर मेसन वा के द्वारा इलाहाबाद में भवन निर्माण में प्रयोग की जा रही संस्मृतियों की चर्चा की। उनके जन्मदिवस के अवसर पर भारत में कृषि इंजीनियरिंग शिक्षा प्रारंभ करने पर कृतज्ञ प्रोफेशन अपने जनक का श्रद्धा पूर्वक स्मरण करता है और सभी को उनके जन्मदिवस पर बधाई देता है। कृषि को समृद्ध करने में कृषि अभियांत्रिकी सदैव तत्पर है।

## Award / Achievements

The COAETian Innovators, a team of 25 students from College of Agricultural Engineering and Technology, Punjab Agricultural University (PAU), Ludhiana, Punjab, won the top position in the national-level competition “TIFAN 2024”, held at Mahatma Phule Agricultural University, Rahuri, Maharashtra for their research on development of Automated Multi-Vegetable Transplanter.



The TIFAN (Technology Innovation Forum for Agricultural Nurturing) was organised by Society of Automotive Engineers (SAE)- India and John Deere Limited, Pune. The student members of this winning team were mentored by Dr. Sarish Kumar Gupta, Dr. Rohinish Khurana, Dr. Anoop Dixit and Dr. Apoorv Prakash of PAU, Ludhiana. Dr. Satbir Singh Ghosal, Vice Chancellor of PAU, Ludhiana congratulated the winning team and appreciated their team work.

Dr. Smita Solunke, from VNMKV, Parbhani and Dr. Pramod Bakane from Dr. PDKV, Akola received state level best scientist award conferred annually by MCAER, Pune, on occasion of 52<sup>nd</sup> Joint Agresco Meeting held during June 07-09, 2024. This award was initiated in 2022 by Government of Maharashtra for scientists working in all four State Agricultural Universities of Maharashtra State.



Dr. Smita Salunke receiving the Award



Dr. Pramod Bakane receiving the Award

CIGR (International Commission of Agricultural and Biosystems Engineering)-2028 World Congress was voted in favour of India. This is the first time that ISAE tried and got it. Canada was the runnerup.





## Great Bhet

Dr. K P Singh, ADG (Agri. Engg SMD) and Dr. C R Mehta, Director ICAR-Central Institute of Agricultural Engineering, Bhopla has the esteemed honour of welcoming the Hon'ble Agriculture & Farmers Welfare Minister, Govt. of India at CIAE Bhopal.



Dr. Harinder Singh Oberoi, Director, NIFTEM, Kundli met with Hon'ble Minister of Food Processing Industries, Sh. Chirag Paswan ji in New Delhi. During the meeting, Dr. Oberoi extended an invitation to the Hon'ble Minister to visit NIFTEM-K , which will inspire and

motivate the students, faculty and staff of the Institute. Dr. Oberoi apprised the Hon'ble Minister about the state-of-the-art labs, advanced pilot plants, cutting-edge research, thriving student enrolments, impactful research publications, innovative patents, capacity building programmes and the entrepreneurship programmes being run at the Institute.



## Remembrance on 30<sup>th</sup> Death Anniversary of Prof. C V Paul



ISAE pays respectful Tributes on the 30th Death Anniversary of Prof Cyril Vincent Paul (29.01.1912-28.06.1995) a Pioneering Agril. Engg Educationist, Popular Professor, mentor and guide to so many people.

Prof. C. V. Paul was a remarkable teacher whose wisdom and guidance have left an indelible mark. He was not only a beacon of knowledge but also a paragon of integrity and kindness. His dedication to education especially Agricultural Engineering and his unwavering support nurtured the minds and hearts of countless students.



## New Members

### Life Members

Membership No.	Name
LM-12824	Dr Renji Remesan
LM-12825	Er Akuleti Saikumar
LM-12826	Er Sagar Debbarma
LM-12827	Er Jayraj P
LM-12828	Dr Laishram Kanta Singh
LM-12829	Dr Vijayakumar G
LM-12830	Er Rameshkumar S
LM-12831	Er Nitin Koumary
LM-12832	Er Gourab Choudhury
LM-12833	Er Vijay Kumar Badaya
LM-12834	Dr Nikita Mishra
LM-12835	Dr Senthilkumar Thiruppathi
LM-12836	Dr Suresh Rajabhau Bhise
LM-12837	Er Kolukula Sai Manogna
LM-12838	Dr Neelam Bunkar
LM-12839	Er Prasannakumaran Km
LM-12840	Er Ruchi Shamra
LM-12841	Er Satheeshkanth Ssm

### Annual Members

Membership No.	Name
AM-240409	Dr Nivedita Singh
AM-240510	Er Kavitha L
AM-240511	Er Logachandran D
AM-240512	Er Bharath V
AM-240513	Er Manoj Prabhu C
AM-240514	Er Vaijyanthi M
AM-240515	Er Vellingiri V R
AM-240616	Er Amlan Sujit Roy Choudhury
AM-240617	Dr Sheeba Malik
AM-240618	Er Rishav Ranjan
AM-240619	Er Jay Kumar Thakur

## New Members

### Student Members

Membership No.	Name
SM-240545	Krishnenth P
SM-240546	Swetha. J
SM-240547	Shobhit Santosh Babde
SM-240548	M B Krupa
SM-240549	Vedant Arjun Gupta
SM-240550	Manikandan R
SM-240551	Rohit Champalal Maher
SM-240552	Vishal Digambar Latelwar
SM-240553	Saurabh Hanuman Govardipe
SM-240554	Priyanshu Ananta Kundojwar
SM-240555	Aditya Nirajkumaar Bais
SM-240556	Rohit Pradip Munghate
SM-240557	Sumit Sheshrao Morey
SM-240558	Rakhi Eknath Modak
SM-240559	Kunal Vasanttrao Borkar
SM-240560	Yashodeep Yogesh Pawar
SM-240561	Prajval Sanjay Bhende
SM-240562	Janvi Sanjaykumar Sawlekar
SM-240563	Manish Dnyaneshwar Kapgate
SM-240564	Dnyaneshwari Ajabrav Bawaskar
SM-240565	Gouri Sunil Sharma
SM-240566	Ashvini Gajanan Dhande
SM-240567	Janvi Ratnakar Patil
SM-240568	Bittu Kumar
SM-240569	Prerna Hanmant Puranik
SM-240570	Sudarshan Gajanan Pawar
SM-240571	Yash Anant Borakhade
SM-240572	Jayanta Anil Kapgate
SM-240573	Sahil Rajesh Shrirao
SM-240574	Jay Ramdas Bodade
SM-240575	Anurag Singh
SM-240576	Prince Kumar
SM-240577	Udayan Lilichhu Bhagat
SM-240578	Komal Sunil Dongarwar
SM-240579	Priti Shekhar Patil
SM-240580	Shruti Kezarkar
SM-240581	Pragati Dilip Kangate



## New Members

### Student Members

Membership No.	Name
SM-240582	Sonal Agarkar
SM-240583	Pallavi Diliprao Kurve
SM-240584	Pooja Vijay Ingle
SM-240585	Dhananjay R Sawarkar
SM-240586	Riya Sanjay Lohakare
SM-240587	Vaibhavi Chabilal Katre
SM-240588	Darshan Sanjay Kalakhe
SM-240589	Raghuveer Kumawat
SM-240590	Chaitali Zamre
SM-240591	Sanket Anil Chavan
SM-240592	Sarang Tirthraj Bhendarkar
SM-240593	Prachi Sukhadeo Shendre
SM-240594	Prajval G Deshmukh
SM-240595	Jui Nitin Magar
SM-240596	Dhruv Kumar
SM-240597	Rohit Moreshwar Borkar
SM-240598	Aishwarya Deshraj Sharma
SM-240599	Abhijeet Ramesh Rasekar
SM-2405100	Yash Shivdas Mankar
SM-2405101	Harshad Pandurang Jadhav
SM-2405102	Sheikh Farhan Khan
SM-2405103	Kshitij Deokisan Patkar
SM-2405104	Anup Ankushrao Raut
SM-2405105	Pradeep Kumar
SM-2405106	Akash Parag Tamaichekar
SM-2405107	Abhijeet Somnath Chavan
SM-2405108	Premchand Ishwar Wairagade
SM-2405109	Ganesh Dinesh Gaikwad
SM-2405110	Samadhan Waman Bhorje
SM-2405111	Shashikant Sunilrao Bhiwapure
SM-2405112	Vedant Anant Khadse
SM-2405113	Saloni Thakre
SM-2405114	Rohit Gaikwad
SM-2405115	Arham Saud Abdul Mobin
SM-2405116	Tripti Patle
SM-2405117	Sanchita Raju Athawale
SM-2405118	Abhishek Dharpure

## New Members

### Student Members

Membership No.	Name
SM-2405119	Harshavi Vinayak Mohurle
SM-2405120	Anuj Pramod Nimbalkar
SM-2405121	Yash Mahesh Khamankar
SM-2405122	Aman Ranjan
SM-2405123	Deepak Kumar
SM-2405124	Anushri Chandrakant Khandare
SM-2405125	Adarsh Sunil Kangale
SM-2405126	Payal Sandip Ingle
SM-2405127	Dipak Gopichand Wanjari
SM-2405128	Vaishnavi Vijay Shendre
SM-2405129	Shivam
SM-2405130	Vaishnavi Haridas Solanke
SM-2405131	Yash Babarao Rewaskar
SM-2405132	Pravesh Kumar
SM-2405133	Aditya Anil Shete
SM-2405134	Ravina Khari
SM-2405135	Rohit Kumar
SM-2405136	Vaishnavi Sanjay Ganesh
SM-2405137	Sakshi Nagesh Patil
SM-2405138	Harshal Vijay Meshram
SM-2405139	Aditya Mahendra Khandare
SM-2405140	Chinmay Chandrashekhar Rajvaidya
SM-2405141	Nikita Devidas Bobade
SM-2405142	Vaishnavi Mohan Gathe
SM-2405143	Aniket Sanjay Pawar
SM-2405144	Aavesh Ajit Tadvi
SM-2405145	Gaurav Sanjay Thawkar
SM-2405146	Om Shyam Nikhade
SM-2405147	Gitesh Choudhary
SM-2405148	Tushar Sanjay Dahatonde
SM-2405149	Shubham Kailas Ingale
SM-2405150	Gaurav Gajanan Ghorsade
SM-2405151	Sourabh Dilipkumar Adhao
SM-2405152	Om Vishnu Bhatkar
SM-2405153	Prathamesh Devendra Dodke
SM-2405154	Rushikesh Uddhavrao Kaple
SM-2405155	Gulshan Kumar



## New Members

### Student Members

Membership No.	Name
SM-2405156	Kushal Anil Jadhav
SM-2405157	Om Santosh Patkar
SM-2405158	Punishtha Joshi
SM-2405159	Manish Kumar
SM-2405160	Om Gajanan Bodade
SM-2405161	Pallavi Kumari
SM-2405162	Damini Gopal Shendre
SM-2405163	Saurav Sanjay Deotale
SM-2405164	Priya Kanhaiya Kundewal
SM-2405165	Kajal Vijay Patil
SM-2405166	Prachi Premdas Ingle
SM-2405167	Pragati Suresh Wagh
SM-2405168	Sakshi Anant Dharpawar
SM-2405169	Sahil Kailas Nighot
SM-2405170	Rushikesh Rameshwar Wankhede
SM-2405171	Guru S
SM-2405172	E. Aatrallaarasu
SM-2405173	Md Guphran Ali
SM-2405174	M.Rajesh
SM-2405175	Sushant Kumar
SM-2405176	Rupesh Kumar Gupta
SM-2405177	Ritik Raj
SM-2405178	Gowtham M
SM-2405179	Dharani R.
SM-2405180	Bipin Kumar Bhardar
SM-2405181	Akila.S
SM-2405182	Kaviarasi S.
SM-2405183	Varshini S.
SM-2405184	Anshu Kumar Sah
SM-2405185	Md Saif
SM-2405186	Nirmala Kumari
SM-2405187	Amit Kumar
SM-2405188	Dhanush M.
SM-2405189	Vignesh V.
SM-2405190	Karthiga Devi G.
SM-2405191	Anand Sagar
SM-2405192	Dinesh T

## New Members

### Student Members

Membership No.	Name
SM-2405193	Anju Kumari
SM-2405194	Santhosh S.
SM-2405195	Purushottam Kumar Yadav
SM-2405196	Upendra Kumar
SM-2405197	Bipin Kumar
SM-2405198	Md Sahid
SM-2405199	Ranjeet Kumar
SM-2405200	Inbatamil S.
SM-2405201	Jitendra Kumar
SM-2405202	M. Srikanth
SM-2405203	Vikas Kumar
SM-2405204	Manisha Sudhakar Karhale
SM-2405205	Sankarsen Suresh Mali
SM-2405206	Ashish Naresh Bondre
SM-2405207	Yash Ghansham Deshmukh
SM-2405208	Magesh M.
SM-2405209	Dharani A.
SM-2405210	Kanithra B
SM-2405211	Moulitharan C
SM-2405212	Vasudevan.C
SM-2405213	Ishan Manoj Gadpayale
SM-2405214	Vinit Santosh Jadhao
SM-2405215	Syed Iftekhar Ahmed Ejaz Mohammed
SM-2405216	Abirami J.
SM-2405217	Iyappan K.
SM-2405218	Sivabalamurugan S.
SM-2405219	Suresh Kumar R.
SM-2405220	Vimal R.
SM-2405221	Nisanth
SM-2405222	Ashifa S.
SM-2405223	P.Karthick Raja
SM-2405224	Sweatha R.
SM-2405225	Dhanushree S.
SM-2405226	Preethi C.
SM-2405227	Rajakavi S.
SM-2405228	Ramya.K
SM-2405229	Nandhaprakash V.

## New Members

### Student Members

Membership No.	Name
SM-2405230	Dharanya.M
SM-2405231	Rohith C.
SM-2405232	Jeeva P.
SM-2405233	Hemalatha S.
SM-2405234	Mayur Vilash Chavan
SM-2406235	Jeeva Catherin.S
SM-2406236	Ilangovan.M
SM-2406237	Gopalakrishnan.P
SM-2406238	Dhiyaneswaran.M
SM-2406239	Dhayalan.P.D
SM-2406240	Dharanidharan. M
SM-2406241	Boobesh.D
SM-2406242	Birundha.P
SM-2406243	Bharanitharan.V
SM-2406244	Balakumaran M
SM-2406245	Ayush Baidya
SM-2406246	Arthi.D
SM-2406247	Aradhana Bharti
SM-2406248	Alex V
SM-2406249	Akshaya.S.V
SM-2406250	Akshara Bency.A
SM-2406251	Akash.M
SM-2406252	Abhishek Kumar
SM-2406253	Abhinandan Kumar
SM-2406254	Keerthana.K
SM-2406255	Keerthika.S
SM-2406256	Mathankumar.M.R
SM-2406257	Mirza Zahir Beg
SM-2406258	Mohan Raj K
SM-2406259	Muthu Kumar.V
SM-2406260	Neelavathi.T
SM-2406261	Pavithra.M
SM-2406262	Pawan Kumar Patel
SM-2406263	Praveena.M
SM-2406264	Priyadharsan.J
SM-2406265	Rahul Kumar
SM-2406266	Ramya.N



## New Members

### Student Members

Membership No.	Name
SM-2406267	Rithika.S
SM-2406268	Rohini.V
SM-2406269	Sanjai.R
SM-2406270	Sanjayarul.S
SM-2406271	Sanjiv Kumar
SM-2406272	Santhiya.P
SM-2406273	Sathiya Priya.S
SM-2406274	Sathiyaseelan.R
SM-2406275	Shobana.S
SM-2406276	Sibiya.L
SM-2406277	Stewaugh.J
SM-2406278	Subiksha.S
SM-2406279	Sujitha.P
SM-2406280	Sushmitha.K
SM-2406281	Tamilselvi.P
SM-2406282	Vennila C
SM-2406283	Vetrivel.T
SM-2406284	Vishal Kumar
SM-2406285	Vishwajit Kumar
SM-2406286	Yazhini.S
SM-2406287	Amrutha Lv
SM-2406288	Kalai Bharathi R
SM-2406289	Ashish Kumar
SM-2406290	Priyadharshini S
SM-2406291	Arul Harini Shreya C
SM-2406292	Ramya M
SM-2406293	Subathra U
SM-2406294	Janani M
SM-2406295	Thenmozhi S
SM-2406296	Saranya K

## ISAE Executive Committee

1	S.N. Jha	President	president@isae.in snjha_ciphet@yahoo.co.in
2	Indra Mani	Immediate Past President	maniindra99@gmail.com
3	D.M. Kadam	Vice-President (Activity Council)	dmkadam11k@gmail.com
4	Ambrish Kumar	Vice-President (Technical Council)	aktswc@gmail.com
5	P.K. Sahoo	Secretary General	secretarygeneral@isae.in sahoopramod2021@gmail.com
5	A.K. Thakur	Treasurer	drakthakur65@gmail.com
7	Dr. Adlul Islam,	Editors-in-Chief (JAEI)	chiefeditorjaei@isae.in
3	Er. Mamta Jain	Editor-in-Chief (AET)	chiefeditoraet@isae.in
9	T.K. Khura	Secretary-I	tapankhura2020@gmail.com
10	Chandra Shekhar	Secretary-II & Editor-in-Chief (e-Newsletter)	Chiefeditorenewsletter@isae.in agm.engg@indiaseeds.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](mailto:isae1960@gmail.com))

**INDIAN SOCIETY OF AGRICULTURAL ENGINEERS**

**G-4, A-Block (Ground Floor),**

**National Agricultural Science Centre Complex,**

**Dev Prakash Shastri Marg, Pusa Campus, New Delhi-110012**

**Tel: 011-21520143**

**Website: [www.isae.in](http://www.isae.in)**

**ISAE GSTIN NO.: 07AAATI6307C1Z3**