

e-NEWSLETTER INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

..... Connecting Engineers in Agriculture

Sept. - Oct. 2024



5600 + Life Members

36 Chapters

2 Scientific Journals

Published by
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Message From The President



My Dear Agrineers!! The last two months was full of activities for the Indian Society of Agricultural Engineers (ISAE). We received record number of nominations and applications for ISAE awards and the same were processed by different independent committees. New activities such as lectures from overseas members, Ph.D. competitions etc. were organized. Meetings of committees for CIGR 2028 International conference was also held and a service provider/event organizer chosen. Efforts were put to get ISSN number for Adhunik Krishi Abhyantriki. A directory of Agricultural Engineering colleges in India, ISAE 2025 wall calendars with theme of Agricultural Engineering Institutions were finalized. We also applied for indexing of JAEI in some more International agencies and started printing of I-cards for life members and generation of online membership certificates. The JAEI has passed the scrutiny of ABCD indexing agencies and Index Copernicus and has obtained score 6/10 and ICV value for 2023 95.34/100, respectively These scores are supposed to be very high for journals not being indexed by Scopus and Clarivate/Thompson Reuter. We are also just going to publish second special issue of JAEI in this month only.

Friends! In last two months I Interacted with faculty and students of three chapters and motivated them to do something more than usually Agricultural Engineers do. Activated them for pursuing for opening of Directorate of Agricultural engineering in their respective states. I also met twice with Agriculture minister and secretary of Bihar and convinced them for opening of Directorate. The same was also got pressed while their meeting was here in Delhi with Central Agriculture and farmers' welfare minister Shree Shiv Raj Singh Chauhan jee and we got positive results. Govt. of Bihar now has separated Agricultural Engineering offices at District and sub-division level and have created number of new posts from secretariat in Capital to Sub-division levels. There are also some movements in Telangana, Karnataka and Punjab. Punjab Govt. has listed formation of this Directorate in its state Agriculture policy/road map document. Impact of our continued efforts little less or more is almost in each state.

Dear ISAEians! In last month, I as DDG Agricultural Engineering ICAR has also despatched letters to all IIT's Directors to open Agricultural Engineering Department and start B. Tech. Agricultural Engineering in their respective institutes. At least three IITs are in contact with me for the purposes. Grievances of students for modifications in ARS eligibilities and syllabus are also being taken up. I had organized three Chapters meeting physically and rejuvenated them. Efforts were put to increase membership, same were obtained in all categories. During these period several chapters celebrated Engineers day and world food day. Looking the activities, everyone says that the current executive committee is working relentlessly for all round development of not only our society but overall development of profession and the Indian Agriculture.

Dear members! Preparation of the 58th ISAE Convention and International Symposium is almost at completion stage. This convention is the last convention under the present Executive committee at Parbhani. The organizer under the leadership of Dr. I M Mishra has received a record number of abstracts. Application/nominations for different awards were also in largest number ever ISAE received. These large number of participations indicates the faith on the current executives and your participations proves the increased vibrancy in all direction of the society. See you in Parbhani! Jai Hind!!!

S N Jha

President, ISAE

From the Editor-in-Chief's Desk



The Indian Society of Agricultural Engineers (ISAE) is working continuously for achieving new milestones and moving towards new phase of its development. The ISAE EC members are working hard and several steps have been taken by the EC for the betterment of society, Agricultural engineering professional and ultimately in upgradation of Indian agriculture with technology.

The society and organizing member are working hard for conducting the 58th Annual Convention of the Indian Society of Agricultural Engineers (ISAE) and the International Symposium a great success. The society is 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 Sept – Oct., 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
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ISAE Happenings

The 33rd ISAE Executive Committee meeting was held on 14.09.2024 in Zoom platform

The Secretary General welcomed all the members of Executive Committee in 33rd EC meeting and presented the action report on the last Executive Committee meeting. He also listed out the agenda items to be taken up for discussion during the meeting. After brief address of the President ISAE, the following points were discussed and decided anonymously.

1. The invited members Dr. Uday Khodke and Dr. Harish Awari briefed about the progress made in preparation of 58th ISAE convention. It was informed that different funding agencies as well as private firms have committed for sponsorship. The organizing committee was advised to make probable funds likely to come and expenditure to be incurred.
2. The status of the abstracts received by the Technical Directors was assessed. It is advised that all the Technical Directors may communicate the acceptance of abstract to author(s) and advise them to register for the convention online. After registration only the accepted abstracts will be included in the souvenir.
3. It was informed that for smooth organization of convention different sub-committees such as inaugural, valedictory, technical/poster sessions, transportation, accommodation etc. have been constituted by the host institution. It was also informed that the transport committee has initiated the plan for vehicle management from Aurangabad and Nanded airport to Parbhani.
4. The Chief Guest, Guest of Honor for inaugural and valedictory functions should be identified in consultation with ISAE HQ and communicate them in well in advance. The dignitaries to be included in the programme was discussed and the organizing committee was asked to ensure their participation.
5. MoU between ISAE Parbhani Chapter and ISAE HQ for sharing 30 % of the registration or minimum 5 Lakhs or as per Byelaws of the society to be paid to ISAE HQ was discussed and approved. The president suggested that it should be signed at earliest.
6. It was decided that, there may be concurrent session for international symposium and Industrial session as per the time availability. Enough time should also be allocated for GB meeting so that issues from different members can be taken up and discussed. Minute to minute programme should be prepared in advance accordingly.
7. It was also suggested that chairperson(s), lead speaker, and rapporteurs for different technical sessions of the convention will be decided by the Vice President (Technical council) in consultation with Directors of different disciplines and organizing committee. The chairperson should ensure the awardees of the poster/paper presentation must be life member of ISAE.
8. Preparation of the CIGR and the activities to be assigned to the service provider was discussed. Dr. Indra Mani suggested that there should be more consultation before deciding the service provider for the event so that financial liabilities from ISAE may get reduced and more revenue can be generated from the event. The committee decided to take more time for exploring the other potential event management agencies.



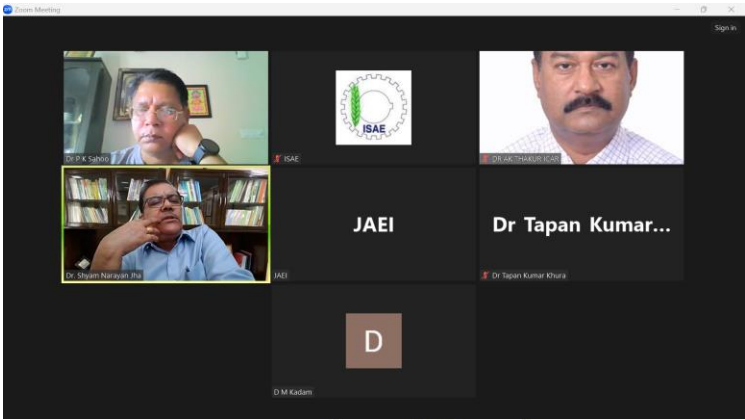
ISAE Happenings

- 9. The preparation of the calendar-2024 was also discussed and approved with suggestion to get good quality images from some more Agricultural Engineering colleges for their inclusion in the available space. The expenditure of the printing of the calendar will be borne by the 58th ISAE Convention organizing Committee.
- 10. The recommendations of different award committees were discussed by the EC members and approved as recommended by different committees. The decision of apex award was left on the President's consciousness. It was suggested to do the further action in timely manner.
- 11. The president briefed about the Directory on Agricultural Engineering Colleges in the country and suggested the members go through the list and verify the authenticity of the data before publication and the same was approved.
- 12. The subscription changes of the JAE(I) and AET were discussed and in light of increase in volumes and numbers of publications, it was decided to revise as follows:

	Particular	Present rate (Rs)	Revised rate (Rs)
1	JAE(I) (4Issues)	3000	5000
2	AET (4 Issues)	2000	3000

The revised rate is effective from January 2025.

- 13. It was discussed that Bhopal ISAE Chapter may be communicated to send a letter of interest to host the 59th ISAE convention.
- 14. The president informed that South Korean society of Agricultural Engineering has sent an invitation for attending the next convention at South Korea. The South Korean society will provide the limited TAIDA and waive off the registration fee. Interested EC member may contact him. Otherwise, Dr. Manjeet Singh, PAU Ludhiana will represent the ISAE.
- 15. Discussion on election to be held in 2024-25 as per revised byelaws were held and Name of Dr. Pitam Chandra as returning officer was approved to conduct the ISAE office bearer election as per new bye-laws and rules. It was also decided that let Dr. Chandra select two more election officers for his help and same may be presented in the next EC



ISAE Happenings

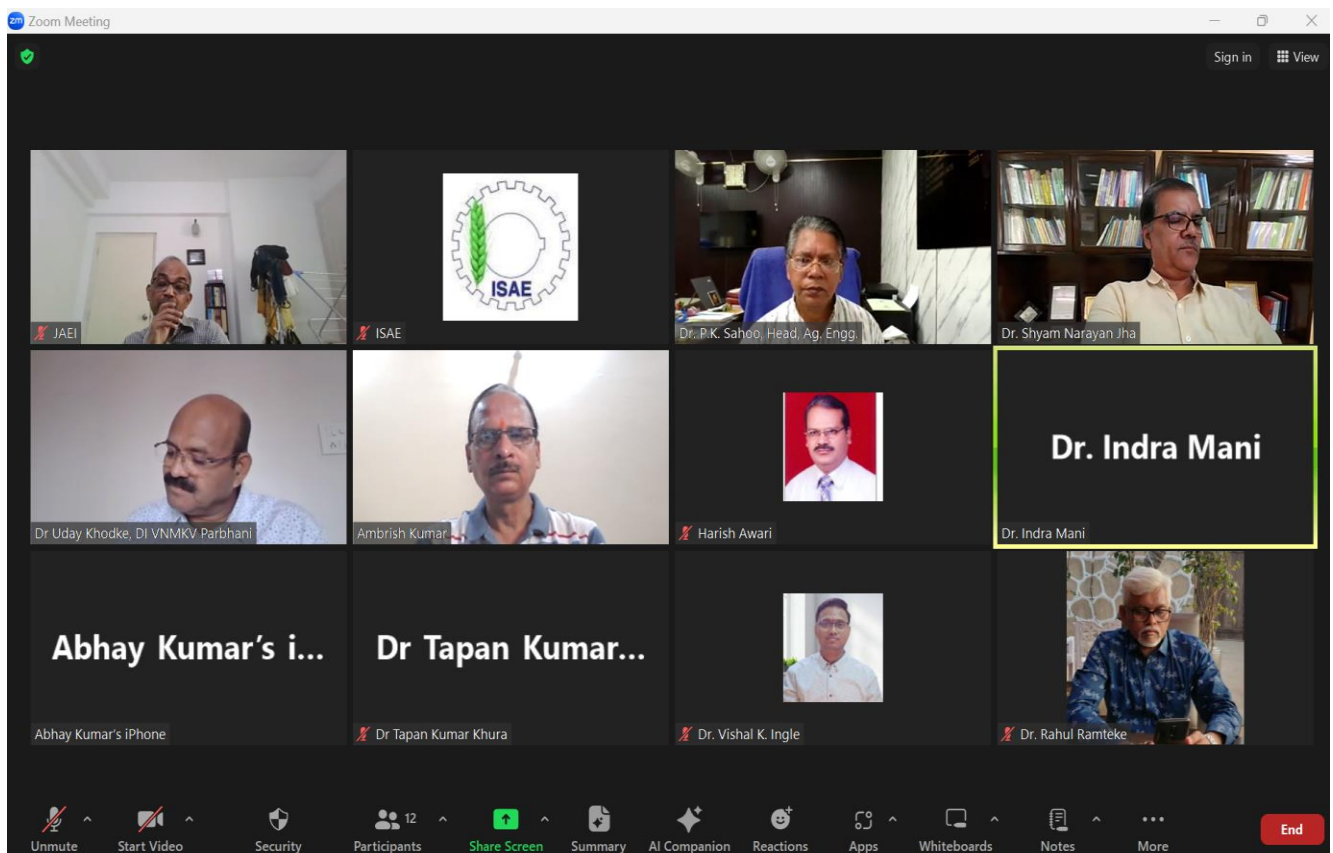
The 34th ISAE Executive Committee meeting held on 12.10.2024 in Zoom platform

The secretary General welcomed all the members of Executive Committee in the 34th EC meeting and presented the action taken report on the last Executive Committee meeting. He also listed out the agenda items to be taken up for discussion during the meeting. In his address the President, ISAE highlighted some of the achievements made by the ISAE such as increase in Life Members, institutional members, online journal management system, release of the special issue of JAE(I) and online generation of life member certificates. After his brief address, the following points were discussed decision were taken anonymously.

1. The invited members Dr. Uday Khodke and Dr. Harish Awari briefed about the progress made in preparation of 58th ISAE Annual convention to be held at VNMKV Parbhani. Dr. Solanki enumerate the abstract received in different sub-disciplines of Agricultural Engineering. The number of abstracts would help to estimate the participants in the forthcoming convention and making arrangement accordingly.
2. Dr. Indra Mani, Immediate past President, ISAE informed the members about the consent received from His excellency Governor of Maharashtra and Dr. R.S. Porada, former DG(ICAR) and Secretary (DARE) to grace the inaugural session of the annual convention.
3. The President, ISAE advised that in the valedictory function, the Secretary (Agriculture) or Commissioner (Agriculture) may be invited to grace the occasion as chief guest and guest of honour. He also reiterated that no TA/DA will be given to the Guest of Honor/chief Guest or any senior member. The media persons especially those covering at National level (Tol, Hindustan Times, Indian Express) should be invited for wide coverage of the convention.
4. The theme session should be organized immediately after inaugural session followed by the international symposium and industry session. In the theme session some of the doyens of the agricultural engineering profession be invited as speaker. But theme/international symposium/industry session should be organized in such a manner that it must be completed by 4.00 pm. In the evening by 5 PM of the first day of conference GB meeting is scheduled followed by cultural programme. For GB meeting venue should be ready for both online and offline participants. In the evening of 11th November, a venue needs to be provided for ISAE council meeting in both online and offline participants.
5. The President, ISAE expressed his desire to address the 11th and 12th class students of all schools available in Parbhani to motivate them to take Agricultural Engineering as profession followed by address to the farmers and students of Agricultural Engineering.
6. The technical sessions of the different sub-disciplines of agricultural engineering should be conducted in concurrently. Each technical session may be addressed by the pioneer/Senior people who have sent the relevant abstracts/papers as lead speaker.
7. MoU between ISAE Parbhani Chapter and ISAE HQ for sharing 30% of the registration or 5 Lakhs whichever is higher to ISAE HQ has been finalized and sent to Parbhani for signature.

ISAE Happenings

8. It was agreed to sign MoU with the event manager to design the website for the CIGR-International conference-2028 without any financial liability
9. In the inaugural session of the convention ISAE Calendar 2025, Directory of Agricultural Engineering colleges, Video on Agricultural Engineering profession and two special issues of JAE(I) will be released.
10. The Secretary General, ISAE informed that all the award winners have been communicated and payment received from all the ISAE Fellow-2024. He also informed that PhD thesis awardees will get train travel expense (3rd AC) to attend the convention.
11. The Chairperson of Central Election Committee (CEC) for ISAE election Dr. Pitam Chandra has nominated two members (Dr. Adarsh Kumar and Dr. Rajeev Kumar) for conducting the election and the executive committee approved the same. It was decided that election activities may be announced by the Chairperson of Central Election Committee (CEC) in GB to be held on 12th October 2024, if he desires so.



Journal of Agricultural Engineering (India) has passed ABCD indexing

The Journal of Agricultural Engineering (India) is a peer-reviewed Journal and publishes interdisciplinary basic and applied research manuscripts of engineering and technology to address the problems of agricultural, food, and biological systems. The journal publishes papers of both theoretical and applied nature, with a special focus on experimental research, new design criteria, mathematical modelling and innovative approaches relating to all fields of agricultural engineering and technology.

The “Journal of Agricultural Engineering (India)” has now passed the ABCD indexing with score 6.00/10.00 which will help in getting step by step International recognition of this journal



International Day of Awareness on Food Loss and Waste Observed at TNAU, Coimbatore

Coimbatore: The Tamil Nadu Agricultural University (TNAU) in Coimbatore observed the International Day of Awareness on Food Loss and Waste on September 29, 2024. The event was organized by the Food Forum established under the Department of Food Process Engineering at the College of Agricultural Engineering and Research Institute.

This year's theme, "Climate Finance for Reducing Food Loss and Waste, " highlighted the urgent need for investment to address pressing challenges such as ensuring food security and predicting climate change. As a part of the awareness program, various activities were conducted, including an awareness rally, quiz competition, poster presentation, and meme creation.

The awareness rally was flagged off by Vice-Chancellor Dr. V. Geethalakshmi, along with Dr. A. Raviraj, Dean (Agricultural Engineering), Dr. N. Maragatham, Dean (Student Welfare), and Dr. M. Balakrishnan, Professor and Head of the Department. The Head of the Food Processing Department emphasized the importance of preventing food loss and waste for food security and environmental sustainability. Approximately 600 participants, including students and faculty members, took part in the awareness rally, raising slogans to promote the cause. The central theme of the rally was to create awareness among the public about preventing food loss and waste.

The event served as a platform to educate and engage the university community on the critical issues of food waste and loss, aligning with global efforts to address these challenges and their impact on climate change.



Engineers Day Celebration

Engineers Day is celebrated in India on September 15th every year. The day honors the birth anniversary of Sir Mokshagundam Visvesvaraya, a prominent Indian engineer and statesman who is known as the "Father of Indian Engineering".

The day recognizes the contributions of engineers to society, including their role in technological advancements, infrastructure development, and innovation. It also serves to inspire future engineers and recognize the importance of engineering in various sectors of society.

The day was celebrated in various chapters of IASE/ Agricultural Engineering institutes and Some glimpse of celebration are presented in this column:

The National Engineers Day 2024 celebrated on theme "Innovating for a Sustainable Future" under the flagship of Department of Farm Machinery and Power Engineering, CAET, JAU, Junagadh.

The National Engineers Day 2024, due to holiday on September 15th celebrated on September 17th on theme "Innovating for a Sustainable Future" under the flagship of Department of Farm Machinery and Power Engineering, CAET, JAU, Junagadh.

Moreover, a digital poster presentation on "Engineering innovation in Agriculture" and an elocution competition on "AI in Agriculture" were organized for graduate and post graduate students of the college. A total 16 students participated in both the above competitions, in which Rina Sambalpara, Brijesh Khanpara, Dodiya Jugnuben in the digital poster presentation and Ujjwal, Gohel Naimish and Parul Priya Trigunayat won the first, third and third number respectively in the elocution competition



Engineers Day Celebration

Indian Society of Agricultural Engineers organized Engineers Day program

Udaipur (15 September 2024) Rajasthan chapter of ISAE celebrated Engineer's Day on Sunday, 15 September 2024 in the auditorium of College of Technology and Engineering of Maharana Pratap Technical and Agricultural University. The chief guest of the program, former Dean Professor Dr. R.C. Purohit recommended celebrating Hindi Day, Environment Day and Earth Day etc. just like Engineer's Day and said that the ISAE is working for the benefit of farmers in the state.

On this occasion, the President of the Rajasthan Chapter of ISAE and Additional Chief Engineer Mr. RK Agarwal said that today we engineers should make our name shine by following in the footsteps of Vishwasaraiya ji and give effective support to the society.

The work of making lifetime members for the ISAE should be done as a campaign and some workshop should be organized every month by the Rajasthan State Unit so that the involvement of members can increase. Similarly, it is necessary for agricultural engineering students to register as student members of the ISAE, for which a campaign should be run.

He said Agricultural Engineers should go to the field and listen to the problems of the poor and work for their socio-economic improvement by ensuring the benefits of government schemes along with new technology. Today there is a need for every agricultural engineer to go to the village and connect with the farmers and make them aware of the new technology and ensure doubling their income. It is true that an agricultural engineer is such an engineer who not only understands every aspect of rural development and social environment in detail but also has the ability to bring about change in the social concerns of the villagers. On this occasion, Dr. C P Bohra, Professor Deepak Sharma, Engineer Hemant Joshi, Dr. Abhay Mehta, Engineer Narendra Mathur etc. expressed their views.

While conducting the function, Secretary of the Rajasthan Chapter of ISAE, Yogendra Gaur threw light on the activities of the Agricultural Engineers Organization. More than 50 agricultural engineers participated in the program and discussed on various aspects. In the end, thanks were expressed by Mr. Buddhi Prakash Koiwal.



भारतीय कृषि अभियंता संगठन द्वारा अभियंता दिवस कार्यक्रम आयोजित



द मेवाड़ पोस्ट, उदयपुर | भारतीय कृषि अभियंता संगठन की राजस्थान इकाई द्वारा महाराणा प्रताप तकनीकी एवं कृषि विश्वविद्यालय के प्रौद्योगिकी एवं अभियांत्रिकी महाविद्यालय के सभागार में अभियंता दिवस मनाया गया। भारत रत्न एवं महान अभियंता मोच कुंडम विश्वसरीया के जन्म दिवस पर प्रतिवर्ष आयोजित किए जाने वाले अभियंता दिवस का कार्यक्रम प्रौद्योगिकी एवं अभियांत्रिकी महाविद्यालय विश्वविद्यालय परिसर में आयोजन किया गया। कार्यक्रम के मुख्य अतिथि पूर्व अधिष्ठाता प्रोफेसर डॉ आर सी पुरोहित ने अभियंता दिवस की भांति ही हिंदी दिवस, पर्यावरण दिवस, एवं पृथ्वी दिवस आदि मनाए जाने की सिफारिश की। उन्होंने कहा कि भारतीय कृषि जनता संगठन अभियंता संगठन प्रदेश में कृषकों के हित के लिए कार्य कर रहा है इस अवसर पर संगठन के राजस्थान चैप्टर के अध्यक्ष एवं अतिरिक्त मुख्य अभियंता श्री आरके अग्रवाल ने बताया कि आज विश्वसरीया जी के कदमों में चलकर हम अभियंताओं को नाम रोशन करना चाहिए तथा एक प्रभावकारी सहयोग समाज को देना चाहिए आज आवश्यकता है कि प्रत्येक कृषि अभियंता गांव में जाकर किसानों से जुड़े और किसानों को नवीन तकनीकी से अवगत कराते हुए अवगत कराते हुए उसकी आमदनी को दुगना करना सुनिश्चित करें। यह सत्य है कि कृषि अभियंता एक ऐसा अभियंता है जो ग्रामीण विकास एवं सामाजिक परिवेश के प्रत्येक पहलू को न केवल बारीकी से समझता है बल्कि ग्रामीणों के सामाजिक सरोकार में परिवर्तन लाने की कबिलियत रखता है इस अवसर पर डॉक्टर सीपी बोहरा, प्रोफेसर दीपक शर्मा, इंजीनियर हेमंत जोशी, डॉक्टर अभय मेहता, इंजीनियर नरेंद्र माथुर ने अपने विचार रखे।

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16/09/2024

Ideation Contest -2024 for Engineering Students organized

The Agri-business Incubation Centre of ICAR-Central Coastal Agricultural Research Institute, Goa, in collaboration with the Institution of Engineers of India, Goa State Centre, organized an Ideation Contest for Engineering Students on Engineering Solutions to Agricultural Problems today.

Dr Parveen Kumar, Director, ICAR-CCARI, Goa, emphasized the commitment to support the teams in becoming entrepreneurs, with the overarching aim of engaging young people in agriculture. The contest was organized for engineering students of Goa to address agricultural challenges through innovative engineering solutions. The programme aimed to identify promising business ideas from these inspired young minds and to support their development through incubation, fabrication assistance, and prototype creation via AGNI.

A total of 8 teams from 4 engineering colleges registered for the programme.



Source: ICAR-Central Coastal Agricultural Research Institute, Goa



Training on 'Present Status and Mechanization Gap in Dairy Farming in the Country' Organized at ICAR-NDRI, Karnal

Coordinating Unit of AICRP on Mechanization of Animal Husbandry (MAH) organized one day training on “Present Status and Mechanization Gap in Dairy Farming in the Country” at ICAR-National Dairy Research Institute (NDRI), Karnal on 8th October 2024. The training was attended by 20 participants from the cooperating centres of AICRPs located at IGKV Raipur, MPUAT Udaipur, ICAR-NDRI Karnal, ICAR-CIAE Bhopal, UAS Raichur, OUAT Bhubaneswar and VNMAU Parbhani. Dr (Prof) Dheer Singh Director, ICAR-NDRI Karnal was the chief guest in inauguration programme of the training and Dr Rajan Sharma, Joint Director, ICAR-NDRI Karnal was the guest of Honour.



The importance of this exposure training in the agricultural engineering area for the mechanization of animal husbandry sector was highlighted by the chief guest. Chief Guest was also thankful to the Council for opening a new centre of the project at his Institute. Dr. Sharma pointed out the need of engineering intervention in this sector where mechanization at farmer's level is meagre. Dr S P Singh, Project Coordinator informed the progress made by the AICRP on MAH (formerly UAE) in this field and progress of research work for mechanization of animal husbandry was also briefly explained to the participants. Dr P Barnwal, PI of ICARNDRI Karnal Centre presented vote of thanks to Chief Guest, Guest of Honour, experts and participants.

Three lectures were delivered to the participants on topics such as Machine and equipment for mechanization gap in dairy farming under Indian scenario, Housing designs for mechanized operations at dairy farm, and status and scope of mechanization and automation in dairy farming in India. In addition to the lectures, participants were exposed to dairy farm of ICAR-NDRI Karnal.



Source: <https://ciae.icar.gov.in>

National Level Awareness Campaign during 14-16 October, 2024 on 'Accidents Due to Tractor Trailers and Other Farm Machinery

Tractor population during year 2021-22 in India is 9.17 million, in which Madhya Pradesh ranks second with 1 million tractors. Tractor is basically made for agricultural work so that it can work efficiently by generating more traction even in rough and difficult conditions. Along with ploughing and sowing in the fields, it is also used to transport other agricultural equipment to the fields and to carry the crops and its products from the fields to homes, barns and markets using trolley. Unfortunately, tractors/trolleys are also being used as a means of transport in rural areas due to lack of facilities, which invites accidents. Approximately 6278 people get injured and 3956 people die in the country due to tractor accidents.

Keeping these accidents in mind, a national level awareness campaign was conducted by AICRP on Ergonomics and Safety in Agriculture and Allied Sector, ICAR-CIAE, Bhopal on prevention of accidents caused by tractor-trailer and agricultural machines during 14 to 16 October 2024. The campaign aimed to raise awareness among farmers, machinery operators and rural communities about the risks associated with tractor-trailers and other agricultural equipment. During this campaign, the participants were taught safe machine operation, maintenance tips and accident prevention measures through interactive sessions, exhibitions and expert talks. The importance of safety in agriculture was emphasized through this initiative, thereby ensuring a safe working environment for farmers and rural workers. Farmers were made aware of the hazards caused by alcohol consumption, fatigue, poor training and experience, loose clothing, and incorrect posture while operating machines. The importance of protective clothing while spraying pesticides, safety equipment when operating lawn mowers, covered power transmission, and proper footwear in low light or dense vegetation were also discussed.

The program was organised by all 12 cooperating centres of AICRP on ESAAS in their respective states. During the campaign more than 1200 farmers participated and more than 300 slow moving vehicle (SMV) emblems were distributed among the tractor-trailer owners. Dr. Sukhbir Singh (PC, AICRP on ESAAS) said that the main objective of conducting this nationwide campaign is to prevent accidents caused by human transportation by tractor-trailer. During this, Dr. Bhushan Babu, Dr. Manoj Kumar, Dr. Bikram Jyoti, Er. Deepak Thorat, Dr. Rajeshwar Sanodiya, Dr. Aman Mahore and Omprabha also contributed actively and expressed their views on different aspects of safety and precautions.

Source: <https://ciae.icar.gov.in>



National Level Awareness Campaign during 14-16 October, 2024 on 'Accidents Due to Tractor Trailers and Other Farm Machinery



Fig. 1. ICAR-CIAE, Bhopal (Village Jaitpura, District Bhopal, M. P.)



Fig. 2. DBSKKV, Dapoli (Talavali-Guhaghar of Ratnagiri (Maharashtra))



Fig. 3. CAU-CAEPHT Gangtok (CAEPHT campus Ranipool, Sikkim)

CAU-CAEPHT Gangtok (Krishi Vigyan Kendra, Mangan, Sikkim)



Fig. 4. ICAR-IARI, New Delhi (Division of Extension Education, ICAR-IARI, New Delhi)

National Level Awareness Campaign during 14-16 October, 2024 on 'Accidents Due to Tractor Trailers and Other Farm Machinery



Fig. 5. IIT, Kharagpur, (Kusumpur village, Keshiary Block, District: Paschim Medinipur, West Bengal)



Fig. 6. CAET OUAT, Bhubaneswar, Odisha



CAET OUAT, Bhubaneswar (Village, Mayurajhalia, Dist: Nayagarh, Odisha)



Fig. 7. CSK HPKV, Palampur (Villages Tada and Deol, Himachal Pradesh)



Fig. 8. PAU, Ludhiana (PAU, Ludhiana)



National Level Awareness Campaign during 14-16 October, 2024 on 'Accidents Due to Tractor Trailers and Other Farm Machinery



Fig. 9. TNAU, Combatore (ICAR – KVK, MYRADA, Gobichettipalayam;. Erode District, Tamil Nadu)



Fig. 10. MPUAT, Udaipur (Rajasthan)



Fig. 11. ICAR-CIWA (ICAR-CIWA, Bhubaneshwar, Odisha)

International Expert Online Lecture Series

ISAE 4th International Lecture Series

In this series, ISAE organised 4th International Lecture Series on 26th September 2024 at 5.00 pm (Indian Time) via zoom on Topic: Introduction to discrete element method (DEM) modeling and higher education opportunities for students and faculty by Dr R P Kingsly Ambrose, Ph.D. Professor, Department of Agricultural and Biological Engineering, Purdue University, West Lafayette, IN 47907 (USA)



R.P. Kingsly Ambrose Professor, Agricultural & Biological Engineering PhD 2010, Purdue University MS 1998, Tamil Nadu Agricultural University BS 1996, Tamil Nadu Agricultural University Teaches ABE 30500, ABE 49000, ABE 50501, and ABE 50502

ISAE 5th International Lecture Series

ISAE organised 5th International Lecture Series on Oct 28, 2024 via Zoom on the Topic: Intervention of novel technologies for global food/nutrition security and sustainability by Dr. Vijaya Raghavan, McGill University, Canada dated 28th Oct., 2024.



Vijaya Raghavan obtained his PhD (Agr. Eng.) from Colorado State University, his MSc (Agr. Eng.) from the University of Guelph, and his BEng (Mech. Eng.) from Bangalore University. Presently, Raghavan is a Distinguished James McGill Professor and Graduate Program Director, Department of Bioresource Engineering, McGill University, Montreal, Canada.

He is a Fellow of the Engineering Institute of Canada, 2017; Indian Society of Agricultural Engineers, 2015; Royal Society of Canada (RSC), 2012; Foreign Fellow of the National Academy of Agricultural Sciences, India, 2012; Institution of Engineers India, 2009; American Society of Mechanical Engineers 2000; American Society of Agricultural and Biological Engineers, 2000; Canadian Society for Bioengineering, 2000.



Announcement for the 58th ISAE Annual Convention

The 58 Annual Convention of the Indian Society of Agricultural Engineers (ISAE) and the International Symposium are being jointly organized by Vasantryao Naik Marathwada Krishi Vidyapeeth, Parbhani and the Indian Society of Agricultural Engineers, New Delhi during November, 12-14, 2024 at VNMKV, Parbhani, (M.S.) India. The event will facilitate researchers, academicians and technocrats and industry professionals to deliberate their innovative ideas pertaining to farm mechanization, development of energy efficient farm power machinery tools, automated control of irrigation management systems, smart agriculture practices, precision farm management and post-harvest management of crops for quality and safe food, adaptation of renewable energy technologies in modern agriculture and future scope and strategies for Agricultural Engineering education

The Theme of this ISAE Annual convention is - **"Engineering Innovations for Next-gen Digital Agriculture"**



The poster for the 58th ISAE Annual Convention features a green and yellow color scheme. At the top left is the ISAE logo, and at the top right is a 'First Circular' badge. The main title reads 'Indian Society of Agricultural Engineers (ISAE) 58th Annual Convention on Engineering Innovations for Next-gen Digital Agriculture & International Symposium on Agricultural Engineering Education for Aspiring Youth in Transforming Agriculture'. A central calendar icon shows the dates 'NOV -2024' and '12-14'. Below this are five hexagonal images: a drone spraying a field, a hand holding a seedling, a tractor in a field, a hand holding a smartphone displaying agricultural data, and a large modern building. The venue is listed as 'Golden Jubilee Convocation Hall VNMKV, Parbhani'. At the bottom, it states 'Jointly organized by Indian Society of Agricultural Engineers & Vasantryao Naik Marathwada Krishi Vidyapeeth, Parbhani - 431402 Maharashtra, India'.

For more details visit : [First circular of 58th ISAE Annual Convention and International Symposium at VNMKV, Parbhani – The Indian Society of Agricultural Engineers](#)

Central Sector Scheme 'Namo Drone Didi' for providing Drones to the women self Help Groups (SHGs) under DAY-NRLM

The Government has approved the Central Sector Scheme 'Namo Drone Didi' for providing Drones to the women self Help Groups (SHGs) under DAY-NRLM, with an outlay of Rs. 1261 Crores. The scheme aims to provide drones to 14500 selected Women SHGs during the period from 2024-25 to 2025-2026 for providing rental services to farmers for agriculture purpose (application of liquid fertilizers and pesticides for the present).

Under the scheme, a Central Financial Assistance @80% of the cost of drone and accessories/ancillary charges up to a maximum of Rs.8.0 lakhs will be provided to the women SHGs for purchase of drones as a package. The Cluster Level Federations (CLFs) of SHGs may raise the balance amount (total cost of procurement minus subsidy) as loan under National Agriculture Infra Financing Facility (AIF). interest subvention @ 3% on the AIF loan will be provided to the CLFs/SHGs. The CLFs/SHGs shall also have the option to access loans from other sources/ programmes /schemes of Ministry of Rural Development.

One of the members of the women SHGs will be selected for 15 day training comprising of mandatory drone pilot training and additional training for agriculture purpose for nutrient and pesticide application. The other member/ family member of the SHG within inclination to take up repairs of electrical goods, fitting and mechanical works will be trained as drone assistant. The drone manufacturers shall provide these trainings as a package along with the supply of drones.

The Lead Fertilizer Companies (LFCs) responsible for the States, are the implementing agencies of the scheme at the State level and they will establish necessary coordination- with the State Departments, Drone manufacturers, Cluster Level Federations of SHGs/SHGs and the farmers/beneficiaries etc.

It is envisaged that the initiatives under the scheme will provide sustainable business and livelihood support to SHGs and they would be able to earn additional income for them. The scheme will help in infusing advance technology in agriculture for improved efficiency, enhanced crop yield and reduced cost of operation for the benefit of farmers.

Implementation of the scheme hinges on rightful selection of the area / cluster and SHG group where there is demand for-drone to provide agriculture services' As the introduction of drones in agriculture is at nascent stage, the States needs to closely monitor the interventions, provide handholding support to the women SHGs and help them in getting the business to cover an area of at least 2000 to 2500 acres in a year. The State Departments of Agriculture & State Mission Directors of DAY-NRLM need to have a very strong convergence and they must take the ownership of the scheme for its successful implementation at the ground level.

The State-wise allocation of drones has also been communicated to the States on 25th October 2024.

Cabinet approves the digital agriculture mission with an outlay of Rs. 2817 crore, including the central share of Rs. 1940 crore

On 02 Sept. 2024, the Union Cabinet Committee chaired by the Prime Minister Shri Narendra Modi approved the Digital Agriculture Mission today with an outlay of Rs. 2817 Crore, including the central share of Rs. 1940 Crore.

The Mission is conceived as an umbrella scheme to support digital agriculture initiatives, such as creating Digital Public Infrastructure, implementing the Digital General Crop Estimation Survey (DGCES), and taking up other IT initiatives by the Central Government, State Governments, and Academic and Research Institutions.

In recent years, India's digital revolution has transformed governance and service delivery by creating digital identities, and secured payments and transactions. This has spurred a thriving digital ecosystem in finance, healthcare, education, and retail, positioning India as a leader in citizen-centric digital solutions. For a similar transformation of the Agriculture Sector, the government announced the building of Digital Public Infrastructure for agriculture in the Union Budget 2023-24. Further, in the Budget 2024-25, the augmentation of the Digital Public Infrastructure (DPI) initiative for the agricultural sector has also been announced. The Digital Public Infrastructure (DPI) for Agriculture aims to provide comprehensive and useful data on farmers comprising of authenticated demographic details, land holdings and crops sown. It will include cultivators & tenant farmers, as per the policy of the State Government. It would also connect to relevant Digital Public Infrastructure of the State Governments and Ministries of the Government of India to use data of farmers on livestock, fisheries, soil health, other vocations, family details and schemes and benefits availed, leading to innovative farmer-centric digital services in the agriculture sector. Aligned with the vision of Viksit Bharat@2047, the DPI for Agriculture forms the core of the Digital Agriculture Mission.

The three DPIs to be built under the Mission are Agristack, Krishi Decision Support System, and Soil Profile Mapping. Besides enabling farmer-centric digital services, these DPIs will make timely and reliable information available for the agriculture sector.

AgriStack is a farmer-centric DPI that will enable efficient, easier, and faster services and scheme delivery to farmers. It is being built in a federated structure as a collaborative project between the various agencies of the Central and State Governments. It consists of three foundational registries or databases in the agriculture sector, i.e., the Farmers' Registry, Geo-referenced village maps and the Crop Sown Registry, all created and maintained by the State Governments/ Union Territories.

Under AgriStack, farmers will be given a digital identity (Farmer ID) similar to Aadhaar, which will be a trusted 'Kisan ki Pehchaan'. This 'Farmer ID' will be linked dynamically to the State's land records, livestock ownership, crops sown, demographic details, family details, schemes and benefits availed etc. Crops sown by farmers will be recorded through mobile-based ground surveys i.e. Digital Crop Survey to be conducted in each season.



Cabinet approves the digital agriculture mission with an outlay of Rs. 2817 crore, including the central share of Rs. 1940 crore

A Memorandum of Understanding (MoU) is being signed between the Centre and State Governments to create and implement the DPI for Agriculture. So far, 19 States have signed MoUs with the Ministry of Agriculture, Government of India. The basic IT infrastructure for implementing AgriStack has been developed and already tested on a pilot basis.

The Krishi Decision Support System will create a comprehensive geospatial system to unify remote sensing-based information on Crops, Soil, Weather, water resources, etc.

Under the Mission, detailed Soil Profile Mapson a 1:10,000 scale of about 142 million ha of the country's agricultural land are envisaged to be completed. A detailed soil profile inventory of about 29 million ha has already been completed.

The Digital General Crop Estimation Survey (DGCES) will provide yield estimates based on scientifically designed crop-cutting experiments. This initiative will prove very useful in making accurate estimates of agricultural production.

The Mission will have a catalytic effect in creating both direct and indirect employment in the agriculture sector. Further, the digital crop surveys, collection of ground-truthed data for remote sensing, etc., under the Mission, are expected to provide employment opportunities to about 2.5 lakh trained local youth and Krishi Sakhis.

Various components of the Mission will be implemented at the grassroots level, and the ultimate beneficiaries are farmers. By leveraging trustful data on farmers, farmlands and crops and using modern digital technologies, such as data analytics, artificial intelligence, and remote sensing, the Mission aims to make service delivery mechanisms more efficient and transparent for the farmers and the stakeholders in the agriculture sector.

Source : <https://pib.gov.in/PressReleasePage.aspx?PRID=2050966>



Union Agriculture Minister Shri Shivraj Singh Chouhan Launches AgriSURE Fund

In a significant development for the agricultural sector, Union Minister for Agriculture and Farmers' Welfare and Rural Development, Shri Shivraj Singh Chouhan, on 03 sept. 2024, launched the AgriSURE Scheme in New Delhi. AgriSURE - Agri Fund for Start-ups & Rural Enterprises is an innovative fund which is a pioneering step toward revolutionizing the agricultural landscape in India. With a focus on technology-driven, high-risk, high-impact ventures, AgriSURE is designed to fuel growth and foster innovation in the agricultural and rural start-up ecosystem. A Blended capital fund of ₹750 crore with SEBI Registered Category II, Alternative Investment Fund (AIF), contributions from the Government of India is ₹250 crore, NABARD is ₹250 crore, and ₹250 crore is being mobilized from banks, insurance companies, and private investors.

In his keynote address, Shri Shivraj Singh Chouhan highlighted the transformative potential of the newly launched initiatives. The Minister mentioned that, *the* launch of the AgriSURE Fund is a continuation of previous efforts of the government to ensure that every farmer in India has the technological support needed to thrive." He further advocated that farmers' prosperity will lead to a prosperous economy as farmers start spending their fortune on consumption and that farming is the backbone of the country with farmer being the life blood. Shri Chouhan further elaborated on the government's commitment to supporting the farming community, stating, "Our vision is to empower every farmer and the launch of the AgriSURE Fund is a testament to our unwavering dedication to the agricultural sector. The government will relentlessly strive towards ensuring increased production, reduced cost of production for farmers, remunerative prices for farmers, crop diversification, preventing post-harvest loss and safe guard during crop loss through crop insurance "

The event preceded the conferring of the AgriSURE Greenathon Awards, to the most innovative start-ups developing tech-centric solutions to address challenges faced by farmers across various stages of the agri-value chain, from selection of input to marketing and value addition. Greenathon was launched on 12 July 2024 at Mumbai and its Grand Finale with 10 finalists was held before the launch. Out of 2000 budding Agri Start-ups, over 500 prototypes were screened, with 10 finalists pitching their ideas. The top three start-ups—Greensapio, Krushikanti, and Ambrionics—were selected as the Winner, Runner-Up, and Second Runner-Up, respectively, from a total of 10 finalists. With a prize pool of ₹6 lakhs, the Greenathon not only rewarded excellence but also provided a platform for start-ups to present their ideas to a broad network of stakeholders for future collaboration.

During the event, Shri Devesh Chaturvedi, stressed the critical need for start-ups in agriculture to solve farmers' problems. The event was a convergence of various stakeholders, including representatives from state governments, banks, investment community and start-ups, who came together to witness the occasion of launch of AgriSURE, a blended capital fund for start-ups and rural enterprises, which is a first of its kind of product in India agriculture start-up ecosystem. With the introduction of the AgriSURE fund, the government aims to further drive investments in the agriculture sector that will empower farmers and boost the rural economy through accelerating accessible and affordable innovative solutions.

India Participates in G20 Agriculture Ministerial Meeting in Cuiabá, Brazil

Union Minister of State for Agriculture & Farmers' Welfare Shri Ram Nath Thakur along with Ambassador of India to Brazil Shri Suresh Reddy and Joint Secretary (NRM), Department of Agriculture & Farmers' Welfare participated in the G20 Agriculture Ministerial Meeting held in Cuiabá, Brazil on 12th -14th September 2024.

In his address, Shri Ram Nath Thakur highlighted that under the leadership of our Prime Minister Shri Narendra Modi, India prioritizes agricultural development. Our approach not only focuses on productivity but also ensures economic, social, environmental sustainability, enhancing farmer prosperity and embodying a comprehensive vision for development. He further mentioned that India is implementing the world's largest food-based safety net programs to ensure food security and nutrition. He also emphasized India's commitment to developing resilient agricultural systems for a sustainable and prosperous future. He also underscored the importance of Special and Differential Treatment for developing and least-developed countries, emphasizing its significance in empowering small and marginal fishers in India and other nations as well as enabling them to participate effectively in global trade discussions.

The meeting centered around discussions on four key priority areas for global agriculture: First, sustainability of agriculture and food systems in their multiple paths; Second, enhancing international trade's contribution to food security and nutrition; Third, elevating the essential role of family farmers, smallholders, indigenous peoples and local communities in sustainable, resilient and inclusive agriculture and food systems; Fourth, promote the integration of sustainable fisheries and aquaculture into local and global value chains.

In addition to the Ministerial sessions, Shri Ram Nath Thakur held bilateral meetings aimed at strengthening India's agricultural relations with other countries. He reiterated India's readiness to collaborate, learn and contribute to the collective global efforts required to address the pressing challenges facing global food systems. Shri Ram Nath Thakur congratulated Brazil on a successful G20 Presidency and taking forward initiatives launched under India's G20 presidency. He also extended warm wishes to South Africa for its upcoming Presidency.



Source: <https://pib.gov.in/PressReleasePage.aspx?PRID=2054859>



Meeting with Hon'ble Minister of Agriculture Shri. Tummala Nageswara Rao and ISAE-Telangana Chapter

The ISAE-Telangana Chapter, Dr. I. Srinivas, Chairman of ISAE, along with the team Dr. K.V. Rao, Principal Scientist ICAR-CRIDA, Er G V Ramana Reddy, Managing Director (Malaxmi Pvt Ltd), Dr. S.Vijaya Kumar ICAR-CRIDA and Er. Sathyamurthy, Alumni President (Agricultural University) met Hon'ble Minister of Agriculture Shri. Tummala Nageswara Rao and discussed on the following the subject

1. Request for filling of Agricultural Engineering posts in the Department of Agriculture,
2. Creation of the Directorate of Agricultural Engineering by bringing all the agricultural Engineering activities under one umbrella.

The minister responded positively and endorsed the file to the concerned division, this is for your information, and we will follow up positively till we fulfil the above two subjects.



Govt. of Bihar, reorganizing the gazetted cadre as Bihar Agricultural Service Category-02 (Agricultural Engineering)

In accordance with the aspirations of the Fourth Agricultural Road Map, to make the traditional structures of the Agriculture Department more effective, full implementation of the Agricultural Mechanization Scheme under the Agriculture Department, warehouse construction under the National Agricultural Development Scheme, Watershed Development Scheme under the Soil Conservation Scheme, Land and Water Conservation Scheme. And for the successful implementation of the scheme, with the aim of extending the benefits of other schemes including Pucca Dam Construction Scheme, Individual Tube Well Scheme to all the farmers of the state, appointment and promotion was done by reorganizing the gazetted cadre as Bihar Agricultural Service Category-02 (Agricultural Engineering). By taking action, it is proposed to achieve 100% target of the schemes run through them by making full workforce available at all levels.

After the creation of new posts, a total estimated expenditure of Rs 3,29,07,840 (three crore, twenty nine lakh, seven thousand, eight hundred and forty) has been estimated in one financial year.

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बिहार सरकार
कृषि विभाग

प्रेस नोट

चतुर्थ कृषि रोड मैप की आकांक्षाओं के अनुरूप कृषि विभाग की परम्परागत संरचनाओं को और अधिक प्रभावी बनाने हेतु कृषि विभाग अन्तर्गत कृषि यांत्रिकरण योजना का पूर्णरूपेण कार्यान्वयन, राष्ट्रीय कृषि विकास योजना अन्तर्गत गोदाम निर्माण, भूमि संरक्षण योजना अन्तर्गत जलछाजन विकास योजना, भूमि एवं जल संरक्षण योजना एवं पक्का डैम निर्माण योजना, व्यक्तिगत नलकूप योजना सहित अन्य योजनाओं का लाभ राज्य के सभी कृषकों तक पहुँचाने के उद्देश्य से योजना के सफल कार्यान्वयन हेतु बिहार कृषि सेवा कोटि-02 (कृषि अभियंत्रण) के रूप में राजपत्रित संवर्ग को पुनर्गठित कर नियुक्ति एवं प्रोन्नति की कार्यवाही करते हुए सभी स्तर पर पूर्ण कार्यबल की उपलब्धता कर इनके माध्यम से संचालित योजनाओं का शतप्रतिशत लक्ष्य प्राप्त करने का प्रस्ताव है।

नये पदों के सृजन के उपरान्त एक वित्तीय वर्ष में मो० कुल 3,29,07,840 (तीन करोड़, उनतीस लाख, सात हजार, आठ सौ चालीस) रुपये अनुमानित व्यय का आकलन किया गया है।

4/11/20

(संजय कुमार अग्रवाल)
सरकार के सचिव,
कृषि विभाग, बिहार, पटना।

New Members

Life Members

Membership No.	Name
LM-12872	Dr. Jeyamkondan Subbiah
LM-14019	Ashwini Dnyanoba Handibag
LM-14020	SUNNY KUMAR SHARMA
LM-14021	HARSHA CHANDRAKAR
LM-14022	Pratibha Jain
LM-14023	RAJESH RANJAN
LM-14024	Dattatray Pandurang Pawar
LM-14025	Tejas Mangesh Lingavale
LM-14026	Shalaka Shirish Kalamnurikar
LM-14027	Basavareddy
LM-14028	MAHESH RONGALI,
LM-14029	MOHAN RAJU MANNE
LM-14030	Kantha Rao VL
LM-14031	Siprali Panda
LM-14032	NAVEEN JOSE
LM-14033	Nitesh Koundal
LM-14034	MUDE ARJUN NAIK
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LM-14036	Thumati Mahesh Babu
LM-14037	Ananya Mishra
LM-14038	BRIJ GOPAL CHHIPA
LM-14039	Hemantkumar Dattatraya Rupanawar
LM-14040	Harkal Anil Dnyaneshwar
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LM-14044	Yumlembam Rupert Anand
LM-14045	Snehal Sanjaykumar Jadhav
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LM-14047	MANJU BALA
LM-14048	KHWAIRAKPAM BEMBEM
LM-14049	Arnab Roy Chowdhury
LM-14050	Indu Shekhar Singh
LM-14051	DIKKAR PRASHANT MAHADEO
LM-14052	RAHUL THAKURDAS CHAVAN
LM-14053	B. KRANTHI PRABHAT REDDY
LM-14054	NAVEEN KUMAR KARINGULA

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LM-14058	GOLLA VENKATESH
LM-14059	Pratti Pavan Kumar
LM-14060	MEREDDY HARSHAVARDHAN REDDY
LM-14061	Nalla Bhavani
LM-14062	Ankit Kumar Yadav

Student Members

Membership No.	Name
SM-2409534	Ameer Jagadala
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SM-2409536	ANAND R
SM-2409537	Ananthi.D
SM-2409538	ANUSIYA K
SM-2409539	ARAVIND G
SM-2409540	ARUN PRAKASH B
SM-2409541	Barath s
SM-2409542	CHRISTOPHER S
SM-2409543	DEEPASHREE
SM-2409544	DHANUSHPANDI T
SM-2409545	DHARSHINI S
SM-2409546	Franglin B
SM-2409547	Ganeshan A
SM-2409548	Harini S
SM-2409549	Jacob samson G
SM-2409550	KALAIVANAN R
SM-2409551	Kiruthikaa
SM-2409552	Lathika

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SM-2409556	Mahima
SM-2409557	Malini
SM-2409558	Mohammed arsath A
SM-2409559	Monica
SM-2409560	Nalini
SM-2409561	Naveena
SM-2409562	PRAKASH R
SM-2409563	PRAWIN C
SM-2409564	Rasitha sri.R
SM-2409565	R.Roshini
SM-2409566	SANJAY N
SM-2409567	Santhosh Kumar P
SM-2409568	SARANNATH V
SM-2409569	Sathiyasri
SM-2409570	Savitha
SM-2409571	Shakthi.AK
SM-2409572	Sharmili S
SM-2409573	SIVARAMAN A
SM-2409574	Sivaranjini .R
SM-2409575	Sowmiya.P
SM-2409576	SRI MANGAIYAKARASI S
SM-2409577	Swetha.R
SM-2409578	Thirisha C
SM-2409579	VENKATESAN K
SM-2409580	Vinitha.C
SM-2409581	Yazhini. M
SM-2409582	YOGESH S
SM-2409583	YOGESHWARAN M
SM-2409584	YOGESHWARAN S
SM-2409585	YUKASH K
SM-2409586	YUVANSANKARRAJA S
SM-2409587	BALAMURUGAN V
SM-2409588	CHANDRU S
SM-2409589	MANIKANDAN M
SM-2409590	GOHIL ADHIRAJSINH BHAGIRATHSINH
SM-2409591	Suguna R

New Members

Student Members

Membership No.	Name
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SM-2409594	Arthi X
SM-2409595	S. Devika
SM-2409596	C. Dinesh Selvan
SM-2409597	I. Imayavan
SM-2409598	M. Karthika
SM-2409599	S. Karthika
SM-2409600	Pooja Ingle
SM-2409534	Ameer Jagadala
SM-2409535	AMULRAJ S
SM-2409536	ANAND R
SM-2409537	Ananthi.D
SM-2409538	ANUSIYA K
SM-2409539	ARAVIND G
SM-2409540	ARUN PRAKASH B
SM-2409541	Barath s
SM-2409542	CHRISTOPHER S
SM-2409543	DEEPASHREE
SM-2409544	DHANUSHPANDI T
SM-2409545	DHARSHINI S
SM-2409546	Franglin B
SM-2409547	Ganeshan A
SM-2409548	Harini S
SM-2409549	Jacob samson G
SM-2409550	KALAIVANAN R
SM-2409551	Kiruthikaa
SM-2409552	Lathika
SM-2409553	LINGESHWARAN B
SM-2409554	Logasri.K
SM-2409555	MAGESHVARAN V
SM-2409556	Mahima
SM-2409557	Malini
SM-2409558	Mohammed arsath A
SM-2409559	Monica
SM-2409560	Nalini
SM-2409561	Naveena
SM-2409562	PRAKASH R
SM-2409563	PRAWIN C

New Members

Student Members

Membership No.	Name
SM-2409564	Rasitha sri.R
SM-2409565	R.Roshini
SM-2409566	SANJAY N
SM-2409567	Santhosh Kumar P
SM-2409568	SARANNATH V
SM-2409569	Sathiyasri
SM-2409570	Savitha
SM-2409571	Shakthi.AK
SM-2409572	Sharmili S
SM-2409573	SIVARAMAN A
SM-2409574	Sivaranjini .R
SM-2409575	Sowmiya.P
SM-2409576	SRI MANGAIYAKARASI S
SM-2409577	Swetha.R
SM-2409578	Thirisha C
SM-2409579	VENKATESAN K
SM-2409580	Vinitha.C
SM-2409581	Yazhini. M
SM-2409582	YOGESH S
SM-2409583	YOGESHWARAN M
SM-2409584	YOGESHWARAN S
SM-2409585	YUKASH K
SM-2409586	YUVANSANKARRAJA S
SM-2409587	BALAMURUGAN V
SM-2409588	CHANDRU S
SM-2409589	MANIKANDAN M
SM-2409590	GOHIL ADHIRAJSINH BHAGIRATHSINH
SM-2409591	Suguna R
SM-2409592	S. Archana
SM-2409593	M. Arthi
SM-2409594	Arthi X
SM-2409595	S. Devika
SM-2409596	C. Dinesh Selvan
SM-2409597	I. Imayavan
SM-2409598	M. Karthika
SM-2409599	S. Karthika
SM-2409600	Pooja Ingle

New Members

Annual Members

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