

e-NEWSLETTER

INDIAN SOCIETY OF

AGRICULTURAL ENGINEERS

Engineering and Technology for Agriculture World

Jan.-Feb., 2022



*Glorious
61 Years Of
ISAE*



Indian Society of Agricultural Engineers
6-A, 6-Block III, National Science Block, National Agricultural Science Centre (NASC)
New Prakash Nagar Marg, Pusa Campus, New Delhi - 110017, India
ISAE NO: 011-21520142, Email: isae1960@gmail.com, Website: www.isae.in



JANUARY 2022

SUN	MON	TUE	WED	THU	FRI	SAT
30	31					1
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December 2021

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February 2022

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Prof. Vijay P. Singh

Dr. V.M. Balasubramaniam

Dr. S. N. Jha

4500 + Life Members

36 Chapters

2 Scientific Journals

Published by
INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

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Message From President



The Indian Society of Agricultural Engineers (ISAE) is the only professional society of Agricultural Engineering mandated to look into the issues of the discipline and take up necessary measures to mitigate them. It has completed successful 61 years and has entered into 62nd year of its existence. During these years, many stalwarts of the profession nurtured this society and brought up to a one of the important body of the Agricultural Engineering at the National level. This time, the members of the society throughout the country has elected its executives council members including President of ISAE to carry over the activities of ISAE and take it to newer heights. The responsibilities showered on us is a great challenge and we commit to address each of them during our tenure and make the society more vibrant, effective and all inclusive.

To achieve the objectives, a vision is required and we will make it possible through interactive coordination between academia for production work force as per the present day requirement, research organizations to address the technology related issues, industry partners for large scale technology production and government and non-governmental organization to implement them effectively at ground level. Such approach will help the society in contributing towards food-security and enhancing income of the primary producer that is the farmers. The society looks towards contribution in quantum jump in increasing income of all stakeholders including farmers, which may be possible by including Agricultural Engineers as a primary discipline in eligibility of state, central government and private sector job. Quality and rating of our mirror that is journal is amongst the first targets to improve significantly. Inclusion of women engineers in our council, increasing number of members in society, transparency in working taking everyone together are some priority of the new executive council.

S N Jha

President, ISAE

From the Chief Editor's Desk



We are happy for issuing the 1st e-Newsletter of year 2022 with best wishes for this new year. The duration of Nov. to Jan. 2022 is special for ISAE, as even during the COVID-19 pandemic situation, the ISAE kept on achieving new heights. The election for new executive council members was conducted successfully in online mode and the new executive council has been formed. The new executive council members have taken oath on 7th Dec.2021.

And we are glad to inform that ISAE has launched its 1st Calendar for the year 2022 on the auspicious day of 75th Republic day. The inauguration function was launched successfully on online mode following the COVID guideline.

The new executive council has started working for betterment of the ISAE and we wish that this Society will serve for the betterment of Agricultural Engineering profession and for welfare of Farming community of the country.

Best wishes for good health and happiness of all the member of the society

Chandra Shekhar
Chief Editor



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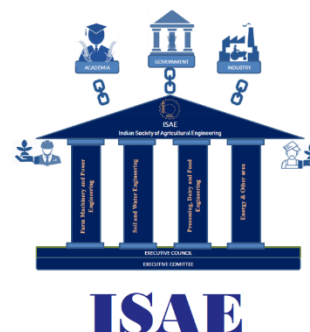
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Executive Council 2021-24

The Election for executive council of Indian Society of Agricultural Engineers (ISAE) was conducted in online mode in Nov. 2021, and the result was declared on 25th Nov. 2021 during the concluding session of 55th ISAE convention and the new executive council has been formed



New Executive Council

President

Immediate Past President

Vice President (Technical Council)

Vice President (Activity Council)

Secretary General

Secretary-I

Secretary-II

Treasurer

Director (Farm Machinery & Power)

Director (Processing, Dairy & Food Engineering)

Director (Soil & Water Engineering)

Director (Energy & other Areas)

Director (Education, Research, Extension & Placement)

Director (Membership & Public Relations)

Director (Business & Industry)

Director (International Co-operation)

Director (Awards)

Director (State Services)

Director (E-Services)

Director (Gender Issues)

Chief Editor (Journal of Agricultural Engineering)

Chief Editor (Agricultural Engineering Today)

Chief Editor (e-Newsletter)

Head (Publication Cell)

Co-opted Member

Co-opted Member

Co-opted Member

- **Dr. Shayam Narayan Jha**
- **Prof. Indra Mani**
- **Dr. Ambrish Kumar**
- **Dr. D. M. Kadam**
- **Dr. P. K. Sahoo**
- **Dr. Tapan Kumar Khura**
- **Er. Chandra Shekhar**
- **Dr. Abhay Kumar Thakur**
- **Dr. T. Senthilkumar**
- **Dr. Prabha Kant Pathak**
- **Dr. B. C. Kusre**
- **Dr. Atul Mahod**
- **Dr. U. M. Khodke**
- **Dr. M. S. Seveda**
- **Dr. D. S. Balachandra Babu**
- **Dr. Ashutosh Singh**
- **Dr. K. P. Singh**
- **Dr. Rajeev Choudhary**
- **Dr. S. B. Lal**
- **Dr. Kalpana Rayaguru**
- **Dr. Dipankar De**
- **Er. Mamta Jain**
- **Er. Chandra Shekhar**
- **Dr. Murtaza Hasan**
- **Dr. Suchita V. Gupta**
- **Dr. Manoj Kumar Sharma**
- **Dr. Sinija V. R.**

New Executive

The charge of President was handed over by Prof. Indra Mani to Dr. S. N. Jha and charge of Secretary General was handed over by Dr. Manoj Khana to Dr. P K Sahoo on 07th December, 2021 in the presence of Patron Prof. Gajendra Singh, and all newly elected members took oath for allegiance to the Constitution of Indian Society of Agricultural Engineers (ISAE). The oath was solemnized by the outgoing President of ISAE Prof. Indra Mani.



Charge Handover by outgoing President

New Initiative

The executive council 2021-24, after taking the charge is continuously working for betterment of ISAE and following new initiatives were taken:

1. Oath taking ceremony was organised for the first time in ISAE, and all elected members took Oath, solemnized by the Outgoing president of ISAE



Oath taking ceremony of new executives through election on the 7th Dec. 2021

2. Director (Gender Issue) has been created to address the gender issues in Agri. Engineering
3. ISAE Wall calendar was launched
4. Constitution amendment committee has been formed for revisiting the existing ISAE constitution and proposing the amendments
5. Score Cards for different ISAE Awards
6. ISAE Student membership (free for Diploma/UG/Degree in Agril. Engg. Drive
7. Life membership and corporate membership Drive

ISAE Happenings

55th Annual ISAE Convention and International Symposium

The 55th ISAE Annual Convention and International Symposium was successfully organised jointly by the College of Agricultural Engineering, RPCAU, Pusa (Bihar), ISAE, New Delhi and BAMETI, Patna (Bihar) during November 23-25, 2021 at Patna (Bihar). Highlights and Emphasis of Chief Guest Shri Tarkishor Prasad, Hon'ble Dy. Chief Minister, Govt. of Bihar and other Hon'ble Dignitaries are :-

Shri Tarkishor Prasad, Hon'ble Dy. Chief Minister, Govt. of Bihar : Emphasised gearing up capacity building program for farm mechanics and agriculture mechanization in the state to create more jobs in the agriculture sector and enhance agriculture productivity

Shri. Amrendra Pratap Singh, Hon'ble Agriculture Minister, Govt. of Bihar : Expressed his happiness for organising an Agricultural Engineering Conference at Patna

Dr. Sarwan Kumar, Secretary, Agriculture, Govt. of Bihar : Expressed his view as the guest of honour that Agricultural Engineering is a discipline that feeds the population by their Engineering endeavours.

Dr. RC Srivastava, Hon'ble Vice-Chancellor, RPCAU, Pusa (Bihar) : Expounded the role and function of Agricultural Engineering in modernizing the agriculture sector and gave the idea – “Agricultural Engineering for efficient farming”

- In the convention, more than 350 delegates from different states of the country and abroad participated physically
- About 300 academicians / scientists/ students/ engineers were connected virtually
- Total 19 technical sessions, on various themes, were conducted in four parallel sessions and total 286 research papers presented in offline & online mode
- Local manufacturers' meet was also held as the side business to share their views with the ISAE executives and state Govt. officials
- General body meeting of ISAE was also held at Gyan Bhavan, Patna

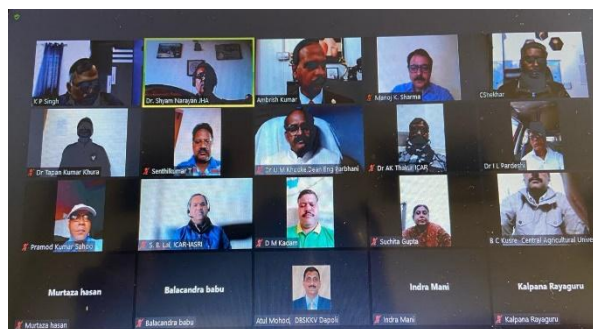


ISAE Happenings

LAUNCH OF ISAE CALENDER-2022

On the auspicious day of 75th Republic Day dated 26th Jan., 2022, The President of ISAE released the ISAE wall calendar-2022. Due to the Covid pandemic situation, the launch ceremony was organised through zoom meeting in which ISAE members across India Joined and made the ceremony a great success.

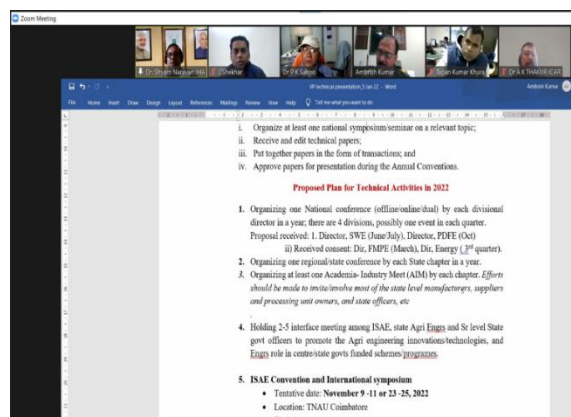
The ISAE calendar-2022 depicts the glorious history of ISAE, JAE, AET, Past presidents, Awardees, Chapters and various other details in different pages. The ISAE calendar was distributed to Ministry of Agriculture and Farmers Welfare, GoI, and other Govt. /Pvt. Offices for wide publicity of ISAE society.



ISAE EXECUTIVE COMMITTEE MEETING

ISAE executive committee meeting was held on 05.02.2022 via online platform. During the meeting, following agenda items were discussed:

- Activities by Technical Directors,
- Organization of National Conference,
- Interface Meeting for Promotion of Innovation/Technology,
- Score Card for different ISAE Awards,
- Divisional Editors of JAE,
- Publication of e-Newsletter and
- Smooth functioning of various ISAE activities



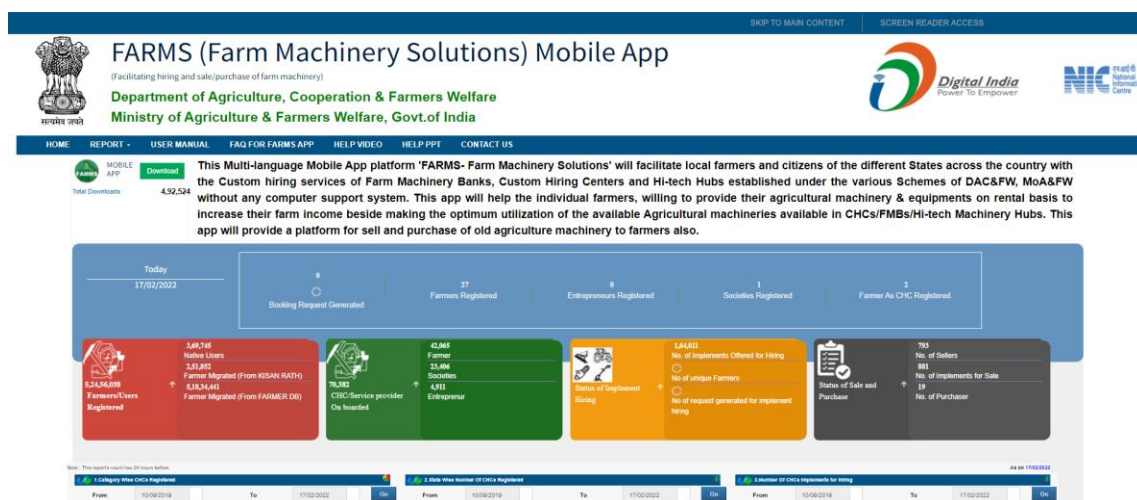
ISAE CONSTITUTION AMENDMENT COMMITTEES

ISAE Constitution amendment Committee was constituted with Dr. V. M. Mayande as Chairmam, Dr. Dipankar De as convener and Dr. D. M. Kadam as member secretary. The committee was provided with a TOR and requested to submit the report for further necessary action.

Emerging Trend & future Indian Agriculture

Agriculture not only completes the demand for food grains, but it also fulfills other development needs. The Farming industry is in continuous process of diversification to produce commercial and horticulture crops, there is ample scope for development of agriculture sector for production and trade. Several initiatives have been taken and focus is on :

1. Artificial Intelligence (AI): consisting of remote sensors, satellites and UAVs which monitor micro climate and plant health
2. Protected Cultivation: Modern green house is the latest method of growing fruits, vegetables, flowers etc.
3. GIS based Agriculture: Mapping of crops for change in climate and its effect on crops
4. Drones: Drones are used for spraying which can be further used for assessing crops biomass, crop survey, pest & disease
5. Govt. Initiatives: Govt. has developed and launched multi lingual Mobile app “FARMS Farma Machinery Solutions” which helps the farmers for getting rented farm machinery and implements through CUHC in their area.
6. Budget 2022: For delivery of digital and high-tech services to farmers with involvement of public sector research and extension institutions along with private agritech players and stakeholders of agri-value chain, a scheme in PPP (public–private partnership) mode will be launched, “Kisan drones” will be introduced by the government for crop assessment, digitizing land records, and spraying insecticides and nutrients.



Source : MoA&FW & News Items

Field Demonstration of Agriculture Machinery

National Seeds Corporation having the 05 Mechanized Farms in an area of 21,908 hectares located in the State of Rajasthan, Haryana and Karnataka, conducted the demonstration of the new farm Machines/ Equipments in NSC farms. To achieve the above objectives, these mechanized Farms are equipped with all the latest agriculture machineries and mechanization of Farms is done right from seed bed preparation, sowing, irrigation, plant protection, harvesting to storage and handling of seed.

Glimpses of the demonstration of the farm machinery at NSC farms:-



Source : Central State Farms, National Seeds Corporation Ltd.

Separate Agri-Engineering Directorate to Boost Mechanization

As India loses over 1 lakh crores annually due to post harvest losses, the Indian Council of Agricultural Research (ICAR) has suggested creation of separate Directorate of Agricultural Engineering in each and every state starting at least at block level to State level, as it could help substantially reduce the losses and boost farmers' income.

“Agricultural Engineers post are not available even at district levels in most of the States. Even if they are available, their services have been utilized in other areas like seeds distribution in those States where there is no separate directorate,” said Dr. S N Jha, Deputy Director General (Engineering) at ICAR. He has suggested the agriculture ministry to impress upon States to create separate Directorate of Agricultural Engineering.

He said every State should appoint an Agricultural Engineer at block level and if that is not possible at least at district level to help farmers running the agriculture machinery at farm level smoothly, not only for production but even for processing and value-addition of crops.

Dr. S N Jha, President, has written to Govt. of Karnataka and Govt. of Maharashtra to form Directorate Agricultural Engineering in respective states besides giving his opinion to press (Hindu Business line) .

<https://www.thehindubusinessline.com/economy/agri-business/icar-asks-states-to-set-up-separate-agri-engineering-unit-to-boost-mechanisation/article64999960.ece/amp/>

FDI in Food Processing Sector

During the last five years ending 2019-20, Food Processing Industries (FPI) Sector has been growing at an average annual growth rate of around 11.18 %. Food processing industry is one of the major employment intensive segments having share of 13.38% in the employment generated in the registered factory sector in 2017-18.

The Sector has witnessed FDI equity inflow of US\$ 4.99 billion during the period April, 2014 to Sept., 2021. The FDI equity inflow in FPI sector during of April-Sept., 2021 was US\$ 410.62 Million in comparison to US\$ 220.42 Million in the corresponding period last year.



Drone Technology in Indian Agriculture

Mahatma Phule Agricultural University, Rahuri (Maharashtra) has taken notable quantum in Technology for Drone development and successfully demonstrated the technology at many events including national event of Agrovision held at Nagpur during Dec. 24-27, 2021. The formal training programmes were conducted of 1 to 3 days for 605 beneficiaries, of 1 to 3 week for 750 beneficiaries and nearly 08 workshops and demonstrations for 562 beneficiaries.



During the visit at Agrovision at Nagpur on Dec. 24, 2021, Shri. Narendra Singh Tomar ji, the Hon'ble Central Agricultural Minister, GoI expressed the satisfaction on the development whereas Shri. Nitin Gadkari ji, Hon'ble Central Minister for Road, Transport and Highways, GoI expressed the view for using biofuel for drone operation in place of lithium battery so that the technology will become cheaper for its users, which are most likely to be adopted by the farmers. Many state level and national level dignitaries have eye witnessed the successful demonstrations at and off campus of the University.

The University authority Dr. P. G. Patil, Hon'ble Vice Chancellor, Dr. Sharad Gadakh, Director of Research and Dr. Pramod Rasal, Dean have extended their full support to the scientists and encouraged them to take all necessary steps to make the technology available for all.

The concerned team of Scientists including Dr. Sunil Gorantiwar (PI), Dr. Mukund Shinde (Co-PI), Dr. Sachin Nalawade, Dr. Girish Bhange, Er. Yogesh Dighe have been restlessly working for the project under CAAST-CSAWM- NAHEP scheme of ICAR, New Delhi

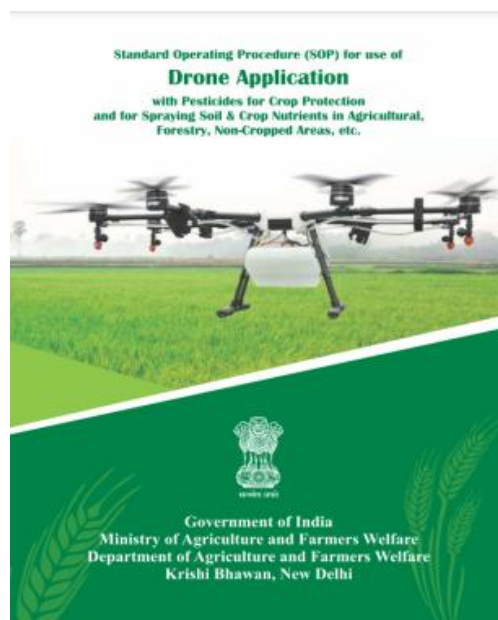
Drone Technology in Indian Agriculture

Ministry of Agriculture and Farmers Welfare, Mechanization & Technology Division has incorporated the additional guidelines for providing agriculture service through drone application under Sub-mission on Agriculture Mechanization (SMAM) with objective :

1. To conduct large scale demonstrations on cropping system based approach to promote use of drones in agriculture
2. To Introduce improved/newly developed drone based agricultural practices in crop production/post-harvest management system
3. Conduct demonstrations with participation of Custom Hiring Centres and with the partnership of drone manufacturers.

Financial Assistance (Drone Demonstration):-

1. FMTTIs, ICAR institutions, KVKs and SAUs will be provided financial assistance (100 % grant in aid) for purchase of agricultural Drones
2. FPOs will be provided 75% grant-in-aid for purchase of agricultural Drones and its attachments for conducting demonstrations on the farmers' fields



Awards & Achievement

Professor Vijay P. Singh has been elected to the National Academy of Engineering (NAE) of USA



Professor Vijay P. Singh
(ISAE LM-11804)

The announcement by NAE President John L. Anderson states the following:

“Singh, Vijay P., Distinguished Professor, Regents Professor, and Caroline & William N. Lehrer Distinguished Chair, Department of Biological and Agricultural Engineering, Texas A&M University, College Station. For contributions to wave modeling and development of entropy-based theories of hydrologic processes and hydroclimatic extremes.”

“Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Academy membership honors those who have made outstanding contributions to "engineering research, practice, or education, including, where appropriate, significant contributions to the engineering literature" and to "the pioneering of new and developing fields of technology, making major advancements in traditional fields of engineering, or developing/implementing innovative approaches to engineering education.”

Dr. V.M. (Bala) Balasubramaniam, ISAE Fellow (F 280), Professor of Food Engineering, Ohio State University, USA, appointed as Member (Academic or Research Society) to the Advisory Board of The National Agricultural Research, Extension, Education, and Economics (NAREEE), United States Department of Agriculture (USDA).

This Advisory Board provides advice to the Secretary of Agriculture and land-grant colleges and universities on top priorities and policies for food and agricultural research, education, extension and economics. The NAREEE Advisory Board's main objective is to contribute to effective federal agricultural research, education and economics programmes through broad stakeholder feedback and sound science in its ongoing role as advisor to the Secretary of Agriculture. The Advisory Board also, by mandate, provides reports and recommendations to the appropriate agricultural committees of the U.S. Congress. Dr. Bala, is a Fellow of the Institute of Food Technologists and a long term volunteer. Also Fellow of International Academy of Food Science and Technology (IAFoST) and International Union of Food Science and Technology (IUFoST). He is a recipient of prestigious IFT Research and Development Award – 2021. His work in the area of high pressure processing has opened new pathways for product offerings by developing safe, clean label and high-quality alternatives to traditional processes. He has 115 journal papers, 22 book chapters and two books at his credit. He obtained his undergraduate degree, B.E. (Agricultural Engineering) from Tamil Nadu Agricultural University, Coimbatore in 1987.



Dr. V.M. Balasubramaniam
(ISAE LM-10778)

Awards & Achievement

Dr. Udaykumar Nidoni awarded Best Research Scientist of the year-2020



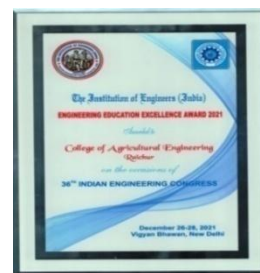
Dr. Udaykumar Nidoni, President, ISAE Raichur Chapter

Awarded with Best Research Scientist of the year-2020 during the 13th Foundation day of UAS, Raichur held on 22nd November, 2021

Engineering Education Excellence Award - 2021

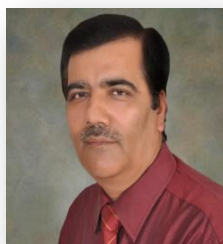
College of Agricultural Engineering, Raichur Received

“Engineering Education Excellence Award - 2021” by the esteemed Institute of Engineers (India) in 36th Indian Engineering Congress, Dec 26-28, 2021, Vigyan Bhawan, New Delhi



Appointments/ Retirements

Dr. S. N. Jha has been newly appointed as DDG (Engineering), at ICAR, New Delhi.



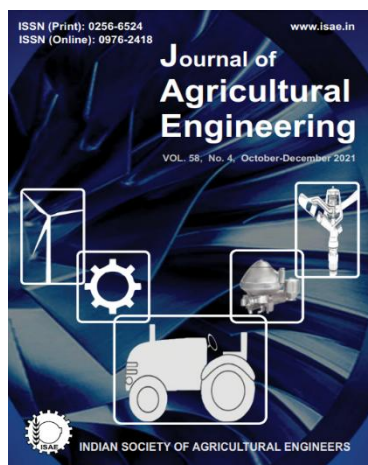
Dr. S. N. Jha

He will be discharging the function of planning, coordinating, and monitoring R&D programmes and serve as an information repository in Agricultural Engineering and development and demonstration of technologies related to mechanization of production and post-production agriculture using conventional and non-conventional energy sources and includes mechanization of irrigation and drainage activities; and post-harvest and value addition of agricultural products and by products.

Publication (Oct. – Dec. 2021)

Journal of Agricultural Engineering

VOL. 58, No. 4, October-December 2021



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Obituary



Dr. A.M. Michael

Dr. A.M. Michael, the former Director of Indian Agriculture Research Institute (ICAR) and Former Vice-Chancellor of Kerala Agriculture University, passed away on Nov. 12, 2021 (He was 91)

Dr. A M Michael (1930-2021) was a distinguished agriculture scientist, a renowned institution builder and a reputed public servant. Only a few individuals in this country can claim to have a greater impact on Indian agriculture research development, irrigation engineering and Informatics than Dr. Michael. Apart from developing irrigation systems which could minimize water loss, it was he who thought ahead of time and introduced an idea of Agriculture informatics (Ag. I) preparing the agriculture sector of India for the networked society. It was Dr. Michael who pioneered the establishment of innovative knowledge management system like Krishi Prabha, mguthese.org and Shodhagnga. Vision, intellect, Passion, will power and quest for excellence, infallible power of judgment and diligence against all odds. Rarely do we get to see these qualities together in a single individual.

Source: By R.Raman Nair, informatics studies ISSN 2320-539x.Vol.8 Issue 4 Fourth Quarterly Issue. October-December 2021. P 03-06

Appeal

- All members of concern ISAE chapters which are currently inactive, are requested to make efforts to make the chapters active.
- All the Diploma (Agril. Engg.) and UG students of B. Tech. (Agril. Engg.) should be encouraged for seeking student's membership as per new policy
- All the chapters are requested to encourage professionals to join life membership of ISAE and also promote corporate membership
- All the ISAE Chapters are requested to keep on updating the activities, achievements, and others efforts for ISAE at respective Chapter to the Chief Editor of ISAE e-Newsletter so that the same can be included in next issue of e-Newsletter.
- All the Members & ISAE Chapters are requested to encourage & seeking sponsorship from private firms/individuals for including their advertisements in ISAE e-newsletters.

New Members

Life Membership	Name	Oct. 2021
LM-12107	Er. GurramSindhuri	
LM-12108	Er. Naveen Kumar Mahanti	
LM-12109	Dr. Devendra Kumar	
LM-12110	Dr. Pradeepta Kumar Sahoo	
LM-12111	Prof.Kriti Gupta	
LM-12112	Dr. AkankshaKumain	
LM-12113	Er. Nrusingh Pradhan	
LM-12114	Er. Rathod Kumar	
LM-12115	Er. Sidhartha Swain	
LM-12116	Er. Pravitha M.	
LM-12117	Er. VemulaTejaswini	
LM-12118	Dr. Santosh Kumar	
LM-12119	Er. VarshiniKumanan	
LM-12120	Dr. Ajay Kumar	
LM-12121	Er. GavhaneKishorPandurang	
LM-12122	Dr. Arnab Bandyopadhyay	
LM-12123	Dr. Ajit Kumar Srivastava	
LM-12124	Er. Amar Gautam	
LM-12125	Er. Silpa Mandal	
LM-12126	Er. Ajay Kushwah	
LM-12127	Er. Ramineni Nag	
LM-12128	Er. ShuchiKumari	
LM-12129	Er. Abhishek Patel	
LM-12130	Er. Vinod KumarS.	
LM-12131	Er. Naveen Kumar Telangi	
LM-12132	Er. Aseeya Wahid	
LM-12133	Er. Lalita	
LM-12134	Er. Lakshmi DurgaMattaparthi	
LM-12135	Er. PravallikaBogala	
LM-12136	Er. Lakshmi P. Challa	
LM-12137	Er. Shilpa S. Selvan	
LM-12138	Er. Sudarshan Prasad	
LM-12139	Er. Shankar Yadav	
LM-12140	Dr. Ashish Pawar	
LM-12141	Er. SwapnilKadam	
LM-12142	Er. Amit Patil	
LM-12143	Er. Monika Satankar	

New Members

Life Membership		Name	Oct. 2021
LM-12144	Er. MuthusamyChinnusamy		
LM-12145	Er. PremRanjan		
LM-12146	Er. ArtiKumari		
LM-12147	Er. PrateekShrivastava		
LM-12148	Dr. Amit Zambare		
LM-12149	Er. Pankaj Kumar		
LM-12150	Er. Sitesh Kumar		
LM-12151	Er. InduBhagat		
LM-12152	Dr. Sadvatha H.		
LM-12153	Er. Sushant Kumar		
LM-12154	Er. PradoshParamaguru		
LM-12155	Dr. Dharmendra K. Mishra		
LM-12156	Dr. SuranjanPanigrahi		
LM-12157	Er. AbhishabenMukeshbhaiShingala		
LM-12158	Er. NiravUmeshbhai Joshi		
LM-12159	Er. VirajMahendrabhaiSejani		
LM-12160	Er. ParthkumarShashikantSapariya		
LM-12161	Er. Sachin SanatkumarBhuva		
LM-12162	Er. ChandaniJitendrabhaiPopalia		
LM-12163	Er. Charan Singh		
LM-12164	Er. Arjun RanmalbhaiParmar		
LM-12165	Er. Aswathi Krishnan		
LM-12166	Dr. Aditi Bhadra		

			Nov. 2021
LM-12167	Er. PiyushkumarRameshbhaiBalas		
LM-12168	Er, Omkar Gupta		
LM-12169	Er. Tanmay Sen		
LM-12170	Er. ShreeramKunwar		
LM-12171	Dr. Ashok Kumar		
LM-12172	Er. Poonam Rani		
LM-12173	Dr. Shashikumar		
LM-12174	Er. RaghavendraVeerammanavara		
LM-12175	Er. Anmol Kumar Mishra		
LM-12176	Dr. WinnyRoutray		
LM-12177	Er. JaripitiTrivikramaRaju		

New Members

Life Membership number	Name
Dec. 2021	
LM-12178	Dr. Mohd. Khalid Gul
LM-12179	Er. PhilipoWillianKulaya
LM-12180	Er. BhaskarOadasoChougale
LM-12181	Dr. Manisha Sahu
LM-12182	Er. UmarfarooqueMomin
LM-12183	Er. Chandra Kishor Kumar
LM-12184	Er. Sanjay Kumar HaribhaiParmar
LM-12185	Er. DevrajsinhIndrajitsinhThakor

January 2022

LM-12186	Er. Upma Sharma
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Training's / Webinar's

Webinar on Pulse, Processing & Value addition

**National Institute of Food Technology,
Entrepreneurship and Management - Thanjavur (NIFTEM-T)**
(An Institute of National Importance; Formerly Indian Institute of Food Processing Technology - IIPT)

75 Azadi Ka Amrit Mahotsav

PM Formalisation of Micro Food Processing Enterprises Scheme (PMFME Scheme)

webinar on
PULSE
PROCESSING & VALUE ADDITION

Chief Guest
Dr. S. N. Jha
Deputy Director General (Agricultural Engineering)
Division of Agricultural Engineering, ICAR
New Delhi

Guest of Honour
Dr. Shiv Sewak
Director
ICAR-Indian Institute of Pulses Research
Kanpur

Presided by
Dr. C. Anandharamakrishnan
Director
NIFTEM-T
Thanjavur

JAN 25, 2022
10:00 A.M. - 04:00 P.M.
www.niftem-t.ac.in

**National Institute of Food Technology,
Entrepreneurship and Management - Thanjavur (NIFTEM-T)**
(An Institute of National Importance; Formerly Indian Institute of Food Processing Technology - IIPT)

75 Azadi Ka Amrit Mahotsav

PM Formalisation of Micro Food Processing Enterprises Scheme (PMFME Scheme)

webinar on
PULSE
PROCESSING & VALUE ADDITION

Topics to be covered
PMFME Scheme Guidelines & Features
Opportunities & Technologies for Micro Pulse Processing Enterprises
FSSAI & Registration for Micro Pulse Processing Enterprises
Packaging, Labelling, Branding, & Marketing
DPR Preparations & Financial Linkages for Micro Pulse Processing Enterprises

Who can participate
Micro Food Processing Entrepreneurs
State Nodal Officials
Farmer Producer Organisations
Self Help Groups
Co-operatives

JAN 25, 2021
10:00 A.M. - 04:00 P.M.

Participants are requested to register through
www.niftem-t.ac.in/odopweb.php

FREE REGISTRATION

QR Code

For further information, please contact:
The Director,
National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM-T)
An Institute of National Importance; Formerly Indian Institute of Food Processing Technology - IIPT,
Ministry of Food Processing Industries (MoFPI), Government of India
Postbox No. 1, Thanjavur - 613005
www.niftem-t.ac.in | odopweb@niftem-t.ac.in

9591194179 & 9028785807

Training on Artificial Intelligence for students

75 Azadi Ka Amrit Mahotsav

NAHEP
National Agricultural Higher Education Project

INSTITUTIONAL DEVELOPMENT PLAN (IDP)
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY
LUDHIANA, PUNJAB (INDIA)

TRAINING ON ARTIFICIAL INTELLIGENCE FOR STUDENTS

Module I : 10th - 13th January 2022
Module II : 24th - 28th January 2022
Module III : 8th - 13th February 2022
Module IV : 1st - 4th March 2022

Timings: 15:00 - 17:00 hrs

PATRONS
Dr. Inderjeet Singh
Vice Chancellor
Dr. S.P.S. Ghuman
PI-IDP - cum - Dean
College of Veterinary Science
Dr. Y.P.S. Malik
Dean
College of Animal Biotechnology

ORGANIZERS
Coordinator
Dr. C.S. Mukhopadhyay
Co-coordinators
Dr. Deepali Kalambhe
Dr. Harsh Panwar
Dr. Amit Sharma
Dr. Shakti Kant Dash

ABOUT GADVASU
Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) was established at Ludhiana in 2006 for promoting livestock production, health, and prevention of the disease through integrated teaching, research, and extension programme. ICAR has accredited the university and ranked second among all veterinary universities in India for the year 2021. It has six constituent colleges viz. College of Veterinary Science, Ludhiana; College of Veterinary Science, Rampura Phul; College of Dairy Science and Technology; College of Fisheries; College of Animal Biotechnology and Veterinary Polytechnic, Kaljharani along with three Regional Livestock Research and Training Centers and Krishi Vigyan Kendras. The university also has two affiliated colleges (Khalsa College of Veterinary and Animal Sciences, Amritsar and Baba Hira Das Ji College of Veterinary Pharmacy, Badal, Sri Muktsar Sahib)

ABOUT IDP - NAHEP
Institutional Development Plan (IDP) is one of the components of NAHEP (National Agricultural Higher Education Project) by ICAR with funding from the World Bank & Government of India. With assistance of IDP, GADVASU aims at filling existing gaps through capacity building and training of students & faculty in terms of entrepreneurial outlook, skill and personality development for their better placement in public & private sector

ABOUT GADVASU

REGISTRATION

REGISTRATION

- There is no registration fee
- Students can register for all or any combination of the modules
- Please fill up the application-form at: <https://docs.google.com/forms/d/1OSX7X3pnKsnPluRqYfB-LeM0Wf9qC2KRivQ1Nu6Bp/edit>
- Last date of registration: 7th January 2022 (04:00 PM)
- Mode of training: Hybrid
- Registered participants (offline and online) attending all sessions of a module will be awarded an e-certificate for that module
- The number of participants is limited to 70 for offline mode. Selection of students for offline mode will be done on a "first come first serve basis"

FEEDBACK AND QUERIES

PLEASE CONTACT
Email : aidp.gadvasu@gmail.com
+91-97795-41452

Modules

- I : Basics of artificial learning from scratch to conceptualization
- II : Statistical perspectives of Machine learning
- III : Diving deep into the concept of machine learning
- IV : Intelligent System: Adding new dimensions to animal sciences



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 Jammu, 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 Itanagar Chapter 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 Tavanur Chapter Kerala	30	ISAE Allahabad Chapter Uttar Pradesh
7	ISAE Delhi Chapter Delhi	19	ISAE Jabalpur Chapter Madhya Pradesh	31	ISAE Narendra Nagar Chapter Ambekar, Uttar Pradesh
8	ISAE Gangtok 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 BHU Chapter Varanasi, 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 Hisar Chapter Hisar Haryana	24	ISAE Parbhani Chapter Maharashtra	36	ISAE NERegion Chapter, Bihar

Contact details

Secretary General: Dr. P K Sahoo

(isae1960@gmail.com)

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