



Indian Society of Agricultural Engineers

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A Professional non profit organization established in 1960 aimed to promote and encourage the profession of Agricultural Engineering and to advance the standard of Agricultural Engineering in the areas of Research, Development and Education.

Electronic News Letter, Month – June, Year- 2010

Chief Editor: Dr. R. T. Patil, (LM-4649)

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Editors Column

Dear All

I am back again with this popular activity which I had started as VP (Activity Council). The response I had received to this newsletter was overwhelming. Now again I am starting this newsletter because I love ISAE and our President Prof. Gajendra Singh asked me to do so. I am planning to make this newsletter more interactive with information from the members and chapters. We are also introducing a section on Question from Members to EC of ISAE, and I hope to get very lively contribution from members so that we can bring reforms in the profession. Hence I wish to request all the members to please contribute the success stories and events related to Agricultural Engineering. Through this first issue I wish to introduce you with our executive and also some upcoming international/national events this year and from the next month onwards you will have lot of material to read. The profession of agricultural engineering should get almost half the credit for success of agriculture though it may not be openly recognized but mechanization and automation in production, irrigation; processing and farm energy sectors have brought us to the advanced stage of civilization what we are enjoying today.

The new ISAE executive has taken over and in this issue you will find the list of them all. From next issue onwards we wish to introduce you with one executive at a time with his brief biodata and a small 10 question interview. The questions asked will be common to all of them and hence we will know what their plans for future activities of the society are.

With kind regards

R.T. Patil

In this issue

[Message from President](#)

[New Executive](#)

[Upcoming Events](#)

[International Conferences](#)

[National Conferences](#)

[About Delhi Convention of ISAE](#)

[Announcements](#)

[List of ISAE Award Winners \(2008-09\)](#)

[Questions from the Members](#)

Message from President

The newly elected Executive Committee (EC) members took over the responsibility of ISAE from the previous EC on 31st March 2010 evening at the meeting between EC members of two teams at the ISAE Office in NASC Complex, IARI Campus, New Delhi. It was very simple “Handing over – Taking Over” ceremony.

One of the first things which came to my mind was to re-start the ISAE Newsletter which was so well received by all. I requested Dr R T Patil and he very enthusiastically accepted my request to be its Chief Editor again. We are very thankful to Dr Patil to take on this very big responsibility. In addition to other news items the newsletter should include news about its members (awards, recognitions, etc.) and activities of the chapters.

The first meeting of new EC was held on 1st April 2010 and the second meeting of EC was held on 15th May 2010 at the ISAE Office. In the first meeting we were honored by the presence of respected Dr B S Pathak, Dr Bangali Baboo, Dr R K Goyal and Dr T B S Rajput. A number of very important decisions were taken in these meetings. First was to hold the next ISAE Annual Convention at Dr Panjabrao Deshmukh Krishi Vidyapeeth, Nagpur Campus during 17-19 January 2011; the second was to renovate the office building of the ISAE in Ranjitnagar, New Delhi as early as possible and rent it out to generate revenue; the third was to allow student membership @ Rs 250 per year without any rider; and the fourth was the appointment of directors of Activity and Technical Councils, Chief Editors of AET and ISAE Newsletter and four Division Editors of AEJ. On behalf of all ISAE members I thank them to accept the appointments and I am confident that they all will live upto our expectations. Names of appointees are given in this newsletter.

The most important issue discussed in these two meetings was the publication of JAE. Its publication is almost one year behind. It was pointed out that this delay is very damaging to the reputation of ISAE in general and for JAE in particular. The rating (by NAAS) of JAE is also low. To improve the situation the editorial group is working hard to expedite its publication. My request to you as authors of research articles is to submit high quality and properly written papers to JAE, preferably in e-form. With sufficient articles available with it the editorial group will be able to bring the publication of AEJ on schedule by December 2010. If you are requested to review an article(s) for publication please do it sincerely and promptly. Both quality and time are of essence. With the efforts of all concerned I am sure that the publication of AEJ will be on time and its quality will also improve. Dr Bangali Baboo, National Director, NAIP has assured us that DIPA (ICAR) will organize a training in e-editing and publishing for the editorial board of AEJ.






Dr B S Pathak advised the group to request some senior agricultural engineer to write history of ISAE. I requested Dr J S Bali and he immediately accepted our request. His article “Historical Glimpses of the Indian Society of Agricultural Engineers” has already been published in AET, Vol. 34(2), April-June 2010. We are thankful to Prof Bali for an excellent article and request other stalwarts of agricultural engineering to write articles related to ISAE history not covered in his article.







ISAE team is working hard to prepare an email list of all its members. Please inform your email address along with your membership number, full address and phone number to ISAE Office at Email: isae2001@yahoo.co.in. This will be of great help to update your contact information in ISAE Office and to communicate with you swiftly and economically. Members are requested not to hesitate to write their suggestions to make ISAE more







effective and beneficial to its membership. However, do suggest a solution to an issue/problem posed and you be part of the solving team. My email address is: prof.gsingh@gmail.com.



Prof. Gajendra Singh

New Executive

Execuitive	Name	Address
President	Prof. Gajendra Singh (F-57) 	260, SFS Flats, Ashok Vihar, Phase-IV Delhi - 110 052 prof.gsingh@gmail.com +91 99 7108 7591
Vice-President (Activity Council)	Dr. A. K Singh (LM-6457) 	Professor, Processing & Food Engineering, P A U, Ludhiana - 141 004, Punjab awadheshksingh@rediffmail.com +91 99 8805 3844
Vice-President (Technical Council)	Dr. Rajvir Yadav (LM-1696) 	Professor, Farm Machinery & Power, CAET Junagadh Agricultural University Junagadh - 362 001, Gujarat ryadav61@gmail.com Resi: 91-285-2671842 Mb: + 91 94 2642 0561
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Secretary	Dr S K Jha (LM-9906) 	Senior Scientist Division of Post Harvest Technology, IARI, New Delhi – 110 012 skj_agengg@yahoo.co.in +91 98 6842 7205

<p>Treasurer</p>	<p>Er. B. N. Arya (F-159)</p> 	<p>D-2, Friends Apartment, Plot No.49, Patparganj, I.P.Extension, Delhi-110 092 isae2001@yahoo.co.in bnarya@hotmail.com +91-11-25849003</p>
<p>Chief Editor (AET)</p>	<p>Dr. Surendra Singh (LM-7784)</p> 	<p>Project Coordinator AICRP on Farm Implements & Machinery, CIAE, Nabi Bagh, Berasia Road, Bhopal – 462 038, Madhya Pradesh ssingh5119@gmail.com ssingh@ciae.res.in +91 94 2448 1850</p>
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<p>Director (Farm Power & Machinery)</p>	<p>Prof V K Tewari (F-149)</p> 	<p>Professor, IIT, Kharagpur – 721 302 (West Bengal) Virendra.Kumar.Tewari@iitkgp.ac.in vktfeb@agfe.iitkgp.ernet.in +91 94 3401 4171</p>
<p>Director (Soil & Water Engineering)</p>	<p>Dr V N Sharda (LM-10164)</p> 	<p>Director, Central Soil & Water Conservation Research & Training Institute Dehradun – 248 195 (Uttarakhand) director@cswcrtiddn.org vnsharda2@gmail.com +91-135- 275-8564</p>
<p>Director (Processing, Dairy & Food Engg)</p>	<p>Dr R Viswanathan (LM6884)</p> 	<p>Professor and Head, Dept. of Food & Agricultural Process Engineering, Tamil Nadu Agricultural University, Coimbatore – 641 003, (Tamil Nadu) drvviswanathan@rediffmail.com drvviswanathan@gmail.com +91-422- 6611272;</p>

<p>Director (Energy, Structures & Other Areas)</p>	<p>Dr T K Bhattacharya (LM-9194)</p> 	<p>Professor & Head Department of Farm Machinery & Power Engineering College of Technology, GBPUAT, Pantnagar – 263 145 Uttarakhand tkb_183@rediffmail.com +91 94 1241 9867</p>
<p>Director (Education, Research, Extension & Placement)</p>	<p>Dr Gyanendra Singh (F-80)</p> 	<p>Vice Chancellor, Mahatma Gandhi Gramodaya Vishwavidyalaya, Chitrakoot, Satna - 485 331 Madhya Pradesh drgsingh@rediffmail.com +91 94 2539 1198</p>
<p>Director (Membership & Public Relations)</p>	<p>Dr K. K Singh (LM-7689)</p> 	<p>Principal Scientist, PDGSR (ICAR), Modipuram, Meerut – 250 110, Uttar Pradesh kksingh03@yahoo.co.uk kksingh@pdcsr.nic.in +91 98 9710 8348</p>
<p>Director (Business & Industry)</p>	<p>Er Bhanu Sharma (LM-10459)</p> 	<p>Executive Vice President, M/s CLAAS India Ltd, 15/3, Mathura Road, Faridabad – 121 003, Haryana bhanu1sharma@gmail.com +91 98104 72720</p>
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Upcoming Events

International Conferences

International Conference on Agricultural Engineering AgEng 2010 CF

It will be held in Clermont-Ferrand, France, on September 6-8, 2010. AgEng 2010 CF will meet exciting challenges dealing with climatic change mitigation and adaptation, health and environment issues, or food, energy and natural resource shortage. These challenges cross social issues such as demographic trends and economic issues related to globalization. Agricultural engineering technologies are part of the solution. Their sound design is the core of AgEng 2010 CF Conference. It is an opportunity to share ideas, discuss results, and be proactive for developing environmental-friendly technologies for agriculture, aquaculture, and forestry, in the perspective of rural development. AgEng2010 CF is backed by a French community of Agricultural Engineering stakeholders involved in academics, industry, and public policies.

The link on the net is: <http://ageng2010.com/>

Seventeenth CIGR World Congress

The International Commission of Agricultural and Biosystems Engineering (cigr.org) will held its XVIIth World Congress in Québec City, Canada on June 13 to 17, 2010. The Canadian Society for Bioengineering– Société canadienne de génie agroalimentaire et de bioingénierie (CSBE/SCGAB) will be the host Society (bioeng.ca). The theme of the Congress is: “Sustainable Biosystems through Engineering”. The local organizing committee is planning several exciting events that will make your stay in Quebec City a truly memorable one. Quebec is one of the oldest cities in North America, celebrating its 400th anniversary in 2008. Eastern Canada offers excellent opportunities for technical, historical and natural science exploration.

The link on the net is: <http://www.bioeng.ca/cigr2010/>

Sustainable Irrigation 2010

This is a Third International Conference on Sustainable Irrigation Management, Technologies and Policies to be held at Bucharest, Romania during 7 - 9 June 2010. Sustainable Irrigation 2010 is the third conference in this series, following the success of the meetings enjoyed in Bologna (2006) and Alicante (2008). As the standard of living of a large section of the world’s population continues to increase, the strategic importance of fresh water resources also rises. It is essential to seek ways of achieving the most efficient and equitable use of these resources at the same time as making their use sustainable. Even in those countries where fresh water is currently easily available, over-exploitation is leading to damaging long lasting environmental effects, such as the lowering of water tables or depletion of river flows. Adding to these effects, the problem of contamination effectively reduces the availability of clean water. Water is essential for irrigation purposes, but its indiscriminate use can lead not only to shortages, but also to the deterioration of crop yields and soils. It is hence vital to ensure that it is applied as effectively as possible in order to reach sustainability. This conference seeks to address the different aspects of irrigation, including not only the management of water resources, scientific and technical aspects, but also matters related to policy and economics.

The link on the net is:

<http://www.wessex.ac.uk/10-conferences/sustainable-irrigation-2010.html>

Trends in Agricultural Engineering 2010

The 4th International Conference on Trends in Agricultural Engineering 2010 will be held during 7 – 10 September 2010 in Prague. It was earlier in 1994, 1999 and 2007. Sixteen years of the conferences on trends in agricultural engineering also illustrate changes in this discipline. While at the beginning of this period the main domain of the discipline consisted mainly of improving the technology of the agricultural machinery and development of automation and robotics, now the main role is to detect the product quality and to precise agricultural technologies to become more friendly to environment.

The link on the net is:

<http://www.conference.cz/TAE2010/>

The International Agricultural Engineering Conference – 2010

The International Agricultural Engineering Conference – 2010 on the theme: Innovation, Cooperation & Sharing will be held at Shanghai, China, Sept. 16th—20th, 2010. It is sponsored by -Asian Association for Agricultural Engineering (AAAE), Chinese Society for Agricultural Machinery (CSAM), Agricultural Machinery of Standardization Administration of China(SAC/ TC201), Chinese Society of Agricultural Engineering (CSAE) and will be organized by - Chinese Academy of Agricultural Mechanization Sciences (CAAMS), Shanghai Society for Agricultural Machinery (SSAM) and Co-sponsored by -International Commission of Agricultural and Biosystems Engineering (CIGR), American Society for Agricultural and Biological Engineers (ASABE), China Food and Packaging Machinery Industry Association (CFPMA), Association of Overseas Chinese Agricultural, Biological, and Food Engineers (AOC), German Agricultural Society (DLG), Association of Equipment Manufacturers (AEM), Chinese Institute of Food Science and Technology (CIFST) and Supported by -Standardization Administration of the People's Republic of China,

The link on the net is:

http://www.aaae.ait.ac.th/aaae_files/IAEC/IAEC2010/index.htm

National Conferences

FoodCon-2010

With a view to disseminate information on the new business opportunities and also to support the prospective entrepreneurs in making the right linkages with the technology providers, TNTDPC of CII is organizing FoodCon 2010: Conference on Latest Trends in Food Processing and Preservation Technologies on 9th of July 2010 will be held at the Hotel Taj Coromandel, Chennai.

Developments in food processing technology and engineering are vital in making a wide variety of safe, palatable and nutritious foods available year around. Food safety, traceability, pollution, waste management etc, are emerging as issues. There is a need for greater understanding of food processing operations for ensuring high quality and safety of foods as well as better utilization of existing technologies and adoption of new innovative technologies. Therefore, the adoption of novel food processing and preservation technologies will continue to grow in the future to produce value-added and tasty foods available in a variety of forms.

Food technology has a major role to play in India with majority of the population dependent on agriculture. It is therefore essential to create awareness, help industry to adopt new technologies and enable their existing products and processes using modern techniques. Value added products with a marginal price increase can be available in the markets, which can seriously impact the business in Indian industry.

The link on the net is:

<http://www.foodcon.in>

"Indiamart" 6th Food & Technology Expo 2010: Seminars

The 6th edition of the 'INDIAMART' Food & Technology Expo is being organized by NNS, India's most diversified media group since 1950, on 6-7-8 August, 2010 at Expo Centre, A-11, Sector-62, (N.H. 24), Opp. Shipra Mall, Noida-201301, U.P., (Delhi NCR), India. The 3 day exhibition will showcase the status of the advancements in Horticulture and of the 'Agrifood Business' in terms of technology, market knowledge and latest developments in the processing, milling and packaging of foods. An Excellent Platform for Showcasing : Sorting, Cleaning and Milling Machineries & Equipments for Agri-products (Rice, Wheat, Pulses, Cereals, Spices etc.), Food Processing and Packaging Machines & Technologies, Processed Foods, Organic Foods, Healthy & Nutritious Foods, Beverages, Bakery Products, Dairy Products and Technologies, Energy Conservation, Water Conservation and Pollution Control solutions, Hi-tech seeds and agricultural & horticultural innovations, Storage, Handling & Transportation Systems, Refrigeration Solutions.

The link on the net is:

<http://www.foodandtechnologyexpo.com/index.php>

All Food Tech 2010

All Food Tech 2010 will be organized during June 11-14, 2010 at Trade centre, Bangalore, Karnataka. All Food Tech aims to bring together worlds leading thinkers, policy makers and doers in Advanced Food Technology and Innovation. India is poised to leap forward in technology and innovation in Agriculture and Food Sectors, thereby ensuring food sustainability. This conference addresses the key challenges that India is facing today in the sector and hopes to put forward some approaches and solutions that will enable India to compete with the world in achieving sustainability.

The link on the net is:

<http://allfoodtech.com/downloads/AFT-2010-Investor-Seminar-Workshop.pdf>

Delhi International Renewable Energy Conference (DIREC) 2010

The Ministry of New and Renewable Energy, Government of India, will host the Conference titled: Delhi International Renewable Energy Conference (DIREC) 2010 from 27th to 29th October 2010 at New Delhi / NCR.

DIREC 2010 is a part of initiative taken at the 2002 World Summit on Sustainable Development in Johannesburg acknowledging the significance of renewable energies for sustainable development – especially for combating poverty and for environmental and climate protection. Delhi Conference, an international platform for government, private sector, and non-governmental leaders, is the 4th global ministerial - level conference on renewable energy following successful editions at Washington in 2008 (WIREC), Beijing in 2005 and Bonn in 2004.

The Delhi International Renewable Energy Conference (DIREC) 2010 comprises multiple events: a global ministerial-level meeting, a trade show and a business conference; and official side events. DIREC 2010 will bring together the Industry, the Financiers, the Policy-makers, the Scientists, the Decision-makers, the Buyers and Sellers in a bid to develop and

drive new initiatives, provide insights, showcase sustainable product development and green business opportunities, and facilitate interaction between entities from all over the world and India, in order to elicit practical applications that are most relevant Globally at this juncture.

The international forum will endeavour to address the goal of advancing renewable energy for sustainable development. The Cabinet - level government functionaries from a number of countries will join the civil society partners and private sector leaders to discuss the opportunities & challenges of rapid deployment of renewables globally. DIREC 2010 will also provide policy makers from all levels of government a robust menu of policy options and practical measures that have been proven successful in accelerating the diffusion of renewable energy technologies.

DIREC 2010 aims to provide a platform for technology displays, new applications and innovations; to display global research & development with respect to climate change and green environment; to demonstrate the sectoral strength of the global renewable energy industry; and to facilitate: (i) buyers and sellers matching (ii) one to one meetings for setting up of joint ventures in the Renewable Energy Sector and (iii) to provide an unparalleled opportunity to connect with the best-in-industry and benchmark products & services in order to enhance global competitiveness. The Conference will ultimately lead to renewed commitment, with concrete proposals in support of activities at the country level.

The link on the net is:

<http://direc2010.gov.in/direc2010.html>

National Seminar on “Engineering Interventions to Enhance Income of Small and Marginal Farmers”

Indian agriculture is characterized by small farm holdings with average farm size of about 1.57 hectare. More than 90% of farmers have land holdings smaller than 4 hectares cultivating nearly 55% of the arable land. Farmers owning these fragmented land holdings are resource-poor and generally do not have access to new technologies. With progressive reduction in farm sizes and low productivity, these small farmers are getting poorer and are increasingly looking towards non-farming activities to augment their income. A large population still depends on agriculture for income, employment and food security. Any planning of agriculture sector, therefore, can not ignore this aspect. As a matter of fact, this huge resource can provide a productive and efficient agro-production system with critical support of technology, credit and marketing. There is an immense scope to meet this requirement through engineering technologies. To deliberate on some of these important issues Institution of Engineers India Delhi State Centre is organising this seminar during July 9-10, 2010 at New Delhi.

The link on the net is:

<http://www.ieidsc.org/activities.htm>

About Delhi Convention of ISAE

Indian Society of Agricultural Engineers (ISAE) held its 44th ISAE Annual Convention and Symposium on “Engineering Interventions for Food Security” from January 28-30, 2010 at the Indian Agricultural Research Institute (IARI), New Delhi organized by Water Technology Centre and Division of Agricultural Engineering and Co-sponsored by Jain Irrigation Systems Ltd., Jalgaon; NABARD, AICTE and Rajdeep Agri. Products Pvt. Ltd. On this occasion, Prof. K.V. Thomas, Honorable Minister of State for Agriculture, Consumer Affairs, Food & Public Distribution, Government of India was the chief guest at the inaugural function. Speaking on the occasion the chief guest highlighted the significance of Engineering and farmers friendly technologies for growth of agriculture and food security. Dr. M.M. Pandey, DDG (Engineering) who was the guest of honour, discussed the development of Agricultural Engineering and its importance for enhancing input efficiency at farm level. Er. Amar Singh, President of ISAE discussed the role of society in today’s context and its services to agriculture. Dr. T.B.S. Rajput, Project Director, WTC welcomed the chief guest and other dignitaries present on the occasion. Dr. H.S. Gupta, Director, IARI and Chairman of Organizing Committee of 44th ISAE Annual Convention and Symposium touched upon many dimension of agriculture and importance of engineering for development of agriculture. Exhibition displaying the various agricultural technologies was also inaugurated by the chief guest.



Inauguration of 44th ISAE Annual Convention and Symposium by Prof. K.V. Thomas, Honorable Minister of State for Agriculture, Consumer Affairs, Food & Public Distribution, Government of India

Announcements

List of ISAE Award Winners (2008-09)

GOLD MEDAL		
1.	Prof Jaswant Singh	Ex-Prof & Head, Agril Engg, IIT Kharagpur
Dr K N NAG GOLD MEDAL		
1.	Dr Suresh Prasad	Professor, IIT Kharagpur
ASPEE FOUNDATION MEDAL		
1.	Sh S D Sawant	Technical & Marketing Consultant, M/s Fowler Waste Rope, Bangalore
Prof C V PAUL GOLD MEDAL		
1.	Prof N P S Sirohi	Div of Agril Engg, IARI, New Delhi - 12
FELLOW		
1.	Dr B C Mal	Professor, IIT Kharagpur
2.	Dr R T Patil	Director, CIPHET, Ludhiana
3.	Dr D V K Samuel	Head, Div of Agril Engg, IARI, New Delhi - 12
4.	Dr R Lal Kushwaha	Professor Emeritus, University of Saskatchewan, Canada
5.	Prof Anil Kumar	Head, Div of Agril Engg, BAU, Ranchi
6.	Dr S K Gupta	CSSRI, Karnal
7.	Dr S K Nanda	Project Coordinator, PHT Scheme, CIPHET, Ludhiana
8.	Dr K Rangasamy	Prof, TNAU, Coimbatore
9.	Dr A C Srivastava	PS (FIM), IISR, Lucknow
10.	Dr N J Thakor	Professor, BSSKVV, Dapoli
COMMENDATION MEDAL		
1.	Dr Ghanshyam Tiwari (LM - 1008)	Deptt of FMP, College of Tech and Engg, Udaipur - 313 001 (Rajasthan) Ph: 09413208577 Email: tiwarigsin@yahoo.com
2.	Dr P M Chauhan	CAET, Junagadh Agril University, Junagadh
3.	Dr U M Khodke (LM - 370)	Agril Engineer & Chief Scientist, AICRP on Water Management, Marathwada Agril University, Parbhani - 431 402 (MS) Ph: 02452-221938 (O) 224646 (R) Email: umkhodke@rediffmail.com
4.	Dr Niranjana Prasad (LM - 8007)	Sr Scientist, Processing & Product Development Division, Indian Instt of Natural Resins and Gums, Namkum, Ranchi - 834 010 Ph: 0651-2261069 (O) 09430137999 (M) Email: Niranjana_ilri_1999@yahoo.com
5.	Mr Vipin Devgan	B K Engineers, Khanna (Punjab)
DISTINGUISHED SERVICE CERTIFICATE		
1.	Dr R C Dash (LM - 6702)	Assoc Professor, Deptt of FMP, CAET, OUAT, Bhubaneswar - 751 003 Ph: 0674-562360 (O) 09437632319 (M) Email: ramadash@gmail.com
2.	Dr S K Shrivastava	Assoc Prof & Head, Deptt of Agril Engg, NERIST, Nirjuli-791109 Ph: 0360-2257401-415 (O) Email: ssk@nerist.as.in , Salil.nerist@gmail.com
3.	Dr S M Mathur	Assoc Professor, Deptt of FMPE,

	(LM - 6321)	College of Tech and Engg, Udaipur - 313 001 Ph:0294-2471604(R) 2470119(O) 9460028535(M) Email: shiloo592003@yahoo.co.uk
4.	Dr S I Anwar (LM - 9574)	Division of Agril Engg, Indian Instt of Sugarcane Research, Raibareli Road, Lucknow - 226 002 (UP) Ph: 0522-2480734-37 Email: sianwar@rediffmail.com
SPECIAL MEDAL		
1.	Dr Neelam Patel	Sr Scientist, WTC, IARI, New Delhi - 110 012
R K JAIN MEMORIAL AWARD		
NFS		
ASPEE AWARD		
1.	Dr S S Sivakumar (LM - 9332)	Assoc Professor, Agril Machinery Research Centre, Agril Engg College & Research Institute, TNAU, Coimbatore - 641 003 Ph: 0422-6611204 Email: siva@tnau.ac.in
SHANKAR MEMORIAL AWARD		
1.	Dr T V Satyanarayan (LM - 5916)	Professor & Assoc Dean College of Agril Engg, Acharya NG Ranga Agril University, Bapatla - 522 101 Ph: 08643-224068 Email: tvsatyanarayana@hotmail.com
2.	Dr V N Sharda (LM - 10164)	Director, Central Soil & Water Conservation Research & Training Centre, 218, Kaulagarh Road, Dehradun - 248195 (Uttarakhand) Ph: 0135-2754213 (O) 2754968 (R) Email: director@cswcrtdn.org , vnsharda@gmail.com
S J HIRAN MEMORIAL AWARD		
1.	Dr K V R Rao (LM - 7897)	Sr Scientist, Irrigation & Drainage Engg Division CIAE, Nabi Bagh, Berasia Road, Bhopal - 462 038 (MP) Ph: 0755-2521159 Email: kvrr@ciae.res.in
BHARTIYA GOVANSHA SAMVARDHAN PRATISHTHAN AWARD IN ANIMAL ENERGY		
NFS		
TEAM AWARD		
1.	Dr Harpal Singh, Dr A K Singh and Dr H L Kushwaha	Div of Agril Engg & Energy, Central Arid Zone Research Instt, Jodhpur
2.	Dr M K Khan, Dr K Rayaguru, Dr U S Pal, Dr C K Bakhara and Er N R Sahoo	OUAT, Bhubaneswar
OUTSTANDING BOOK AWARD		
1.	Dr A P Srivastava, Dr Indra Mani Mishra and Dr D V K Samuel	Division of Agril Engg, IARI, New Delhi - 12
2.	Dr M L Jat and Dr S R Bhakar	MPUAT, Udaipur
REDDY AWARD		
1.	Er Varun Chaturvedi	Division of Agril Engg, IARI,

		New Delhi - 12
2.	Er R G Manjarekar	CAET, Dr BSKKV, Dapoli
BEST CHAPTER AWARD		
JYOTI AWARD		
1.	Aseem Verma, Manjit Singh and H S Sidhu	CAE, PAU, Ludhiana
2.	S J K Annamalai, Ravindra Naik, N Vijay Nair and N Rajendra Prasad	IEP, CIAE, Coimbatore
JAIN IRRIGATION AWARD		
	Application Not Received	
STUDENT PAPER AWARD		
1.	Ms Jemimah M Mohanlal	CTAE, MPUAT, Udaipur
BEST POSTER AWARD		
1.	Dr Adarsh Kumar, J K Singh and Charanjit Singh	Division of Agril Engg, IARI, New Delhi - 12
2.	Rahim A N, Manoj Khanna, D K Singh and Man Singh	WTC, IARI, New Delhi - 110 012
3.	S Mangaraj and T K Goswami	CIAE, Bhopal

Questions from the Members

About: Status of Soil & Water Engineering within the profession of Agricultural Engineering: (Dr. PR Bhatnagar, LM-9847)

- There is a widespread confusion about SWCE profession. If we see ICAR (which is the sole institution in India responsible for lead research in agricultural sector and SAUs and other institutions gets directions from it), the SWCE does not look to be a part of Agricultural Engineering as it has no stake in Division of Agricultural Engineering of ICAR. Similar aspect is also visible in constitution of CIAE, Bhopal (a leading institution of Agricultural Engineering in ICAR). On the other hand, it remains to be part of Agricultural Engineering, if we look at SAUs, IIT and other institutions (including Indian Society of Agricultural Engineers). All over world, SWCE is considered to be a part of Agricultural Engineering. Does not such situation create confusion about the profession of SWCE?
- This profession has already made immense impact on improvement of overall agricultural scenario of the country in the form of development of technologies / strategies and its implementation in the field of water resources development, micro & macro irrigation systems and crop water management, in-situ soil and water conservation, and other aspects of soil and water management. This has been

recognized at every level in the country as well as abroad. But still, it requires clear cut identity and platform to grow as an engineering profession, rather than merely a resource management profession.

- Because of considering the profession as part of Resource management and has to work with other professions of Agricultural Sciences like Soil Science and Agronomy, the outlook of the profession has been oriented in similar fashion and it is clearly visible that most of the activities under the profession lack engineering aptitude. As the profession lacks engineering directions at ICAR level, it gets extended to other organizations as well, and the contribution from the profession, as a whole, is not made in a proper way as engineering profession.
- Such situation disintegrate the profession of Agricultural Engineering and the efforts to make impact of the profession on country's overall agricultural system, become less effective and less visible. As a result, the profession is suffering in particular.

Question to ISAE Executive Council:

What efforts will be made to make SWCE as an integral part of Agricultural Engineering at all levels in the country including ICAR, or in other words, how the disintegrated folk of Agricultural Engineering profession will be integrated for larger interest of the profession of AE?

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