



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 – December, Year- 2012

Chief Editor: Dr. R. T. Patil, (ISAE F-172)

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Editor's Column

Dear All

**On Behalf
of
Executive Council of
Indian Society of Agricultural Engineers**

**WISH YOU
HAPPY, PROSPEROUS, PROGRESSIVE
AND HEALTHY COMING NEW YEAR-2013**

R. T. Patil

Message from President

Agricultural Engineering is more than five decade old profession in India and has played its role to support changing needs of agriculture. Globalization, climate change, increasing population pressure on agriculture, high input intensive agriculture, increasing cost of production, declining resources like land and water, labor scarcity in agriculture, stagnation of productivity levels, declined contribution of agriculture to National economy etc are some of the major challenges of today's agriculture sector. Agriculture sector supports the livelihood of 65 crore people in India and hence stable growth of agriculture is necessary to provide a social security to major population. It is estimated that to attain 9% growth of National economy, agriculture must grow at minimum 4% level. It is also estimated that 1% growth of agriculture reduces 3% poverty. Therefore, enhancing agriculture growth and stability of the sector are major issues. In today's context of challenges, Agricultural Engineering provides backbone to stability and growth of agriculture.

Agricultural Engineering Education, Research and Development have received relatively low priority in the past as a part of agriculture system. Now, the stake holders have realized the need of strong agricultural engineering support for very sustenance of agriculture in India. Horizontal and vertical expansion of agricultural engineering education, strong regional R&D, Agro-base industry friendly policy, attracting public and private investments in agricultural engineering sectors of Mechanization, Water Management, Agro-Processing, Energy and supporting rural infrastructure are essential to address sustenance of agriculture. Agricultural Engineering envisages application of Engineering in not only crop sector but also horticulture, livestock, poultry, fishery etc and hence strengthening agricultural engineering to support all sectors is dire need of the day.

Compilation of past professional achievements and effective marketing them to all concerned, forming consortium of all stake holders and employing only agricultural engineers in all sectors of Water Management, Soil Conservation, Mechanization, Agro-Industry, food processing and Energy is must without underestimating the needs of other professional engineers and agriculture experts.

Agriculture is a state subject and has regional diversities. Therefore, Indian Society of Agricultural Engineers has decided to hold four regional Conventions in addition to Annual Convention to give boost to many local issues with strong participation of state Governments, local industry and field engineers to reach to grass root level and sensitizing state governments about their role in boosting Agricultural Engineering in the states. ISAE invite requests from chapters and Institutions for hosting Annual and four regional Conventions during 2013. ISAE will also publish in next issue of news letter annual calendar of activities including fixed deadlines for awards. E-communication shall be the only mode of communication with members and hence all members are requested to forward their email addresses to ISAE headquarter and also refer regularly ISAE website for update.

I am confident that with active support and participation of all chapters and members, we will be able to penetrate deeper in the zone of appreciation by state Governments and create interest in industrial sectors to initiate steps towards strong Department of Agricultural Engineering in all States and built long lasting relationship with industry and corporate sectors.

I look forward for positive support and very dynamic 2013 for all members of ISAE. I extend my best wishes for a very happy new year and look forward to meet you at Hyderabad during 47th Annual Convention.

(V. M. Mayande)

Proceedings of the Executive Meeting

Member News

Dr. Balasubramanian assumes office as Vice-chancellor, Karpagam University, Coimbatore



Dr.M.Balasubramanian (LM – 7587) graduated from Indian Institute of Technology, Kharagpur and Ph.D. from Indian Institute of Agricultural Research, New Delhi, served the TNAU in various capacities. He was the Dean, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Kumulur campus during 1998-2001. After his services in TNAU, since 2002, he was serving as Registrar, SRM University, Chennai and Principal, Valliammai Engineering College, Chennai (Affiliated to Anna University, Chennai). Now he has assumed office as Vice Chancellor, Karpagam University, Coimbatore, with effect from 26.11.2012.

Dr. SD Kulkarni Nominated as a Member of International Editorial Board

Dr. SD Kulkarni Fellow ISAE and Project Director, Agro Produce Processing Division of Central Institute of Agricultural Engineering has been nominated as a Member of International Editorial Board for Scientific Journal “Agricultural Engineering” being brought out form Faculty of Agriculture Institute of Agricultural Engineering, Nemanjina 6, 11080 Belgrade - Zemun, SERBIA. He has also been nominated as one of the advisor to Madhya Pradesh Vigyan Sabha, Bhopal. Madhya Pradesh Vigyan Sabha (MPVS) is a non government organization working for generating scientific temperament among the people for better living and environment. The MPVS has a team of scientists, Doctors, Engineers, Social Scientists, Academicians, teachers and students from all over the Madhya Pradesh state. It has its units in all the districts with more than 5000 members all over the state. The Vigyan Sabha is also supported by other part time science activists.

Er. Vinod H. Kalbande visits Rwanda

Seeds industry in Rwanda is in its nascent stage and seed replacement ratio is less than 10 percent at present. Govt. has decided to allow private investors to participate in seed production and seed processing and export of seeds. The private investor from India has called expert Er. Vinod H. Kalbande, to understand the dynamics of seed industry with respect to climate, soil types, water and irrigation facilities and production of hybrid seeds. Er. Vinod Kalbande was invited by private investors to explore the possibility of setting up seed industry in Rwanda. He visited Kigali capital of Rwnada and other provinces to survey the seed production area, crops, horticultural seedlings, soil potential, preset seed replacement ratio, availability of Breeder, foundation and certified seeds in the country. The projections were prepared to produce, process and market seeds in the country. The seed drying and processing plant buildings, ware houses, and seed processing machinery requirement has been assessed and detailed economics of seed production, processing and marketing aspects are studied thoroughly. The comprehensive viable seed business proposal

has been prepared for private investor. This technical and comprehensive report has been submitted to Govt. of Rwanda. The agriculture Minister Hon. Dr. Agnes Kalibata appreciated his survey report and expressed to work as per his advice.

Dr. Pathare attends the 7th CIGR International Technical Symposium



Dr. Pankaj B Pathare (LM-10424) attended the 7th CIGR International Technical Symposium ‘INNOVATING THE FOOD VALUE CHAIN’ in Stellenbosch, South Africa on November 25-29, 2012. The main theme of this international scientific event was “Innovating the Food Value Chain”, which aims to showcase the role of Agricultural and Biosystems Engineering in postharvest handling, processing and value addition of agricultural and food materials. It also incorporated the 2nd International Conference on Postharvest Technology & Quality

Management. The slogan “POSTHARVEST AFRICA 2012” highlights the critical role of postharvest technology in transforming agriculture in Africa and the world at large to address the challenges of sustainable food and nutrition security. The poster presented by T S Fadji, P B Pathare, U L Opara, C Coetzee & O Chukwu entitled as ‘Resistance of Apples to Mechanical Damage inside Ventilated Corrugated Paperboard Package’ bagged the second best prize during gala dinner and prize event.

Dr. S. N. Jha bags NAAS recognition Award (Agricultural Engineering & Technology)



Dr. S N Jha is Head of Division (Agricultural Structures and Environment Control) at CIPHET Ludhiana. He has to his credit about 180 publications in journals of repute, book chapters, proceedings and four books and five patents. He is recipient of Young Scientist Award – 1997 of Association of Food Scientists and Technologists (India), Reddy Award - 1990 and Commendation Medal - 2008 of Indian Society of Agricultural Engineers, Dr. J.C. Anand Gold Medal 2006 of Horticulture Society of India and Rafi Ahmed Kidwai Award 2011 of Indian Council of Agricultural Research. Dr. Jha is editor of Journal of

Agricultural Engineering, vice-president of ISAE Punjab Chapter, member of Bureau of Indian Standard’s sectional committee, and is on expert panels of various government and non-governmental agencies. He is postdoctoral fellow of JSPS Japan and fellow of Institution of Engineers (India) and National Academy of Agricultural Sciences, India. The National Academy of Agricultural Sciences has honored him with Recognition Award for his pioneering and outstanding contributions in the field of Agricultural Engineering and Technology for the biennium 2011 – 12.

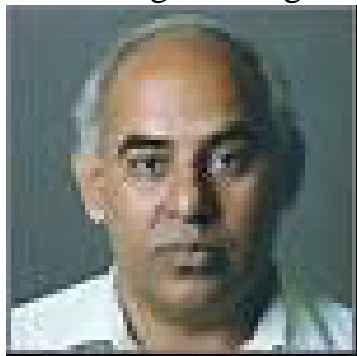
Dr. K. K. Singh bags NAAS recognition Award (Agricultural Engineering & Technology)



Dr. K. K. Singh is Assistant Director General (Process Engineering) at ICAR New Delhi. Dr. Singh has made original contributions on the application of cryogenics in food processing for retention of aroma in spice grinding establishing an internationally recognized school of thought in CRYOGENIC GRINDING OF SPICES. He developed puffed potato cubes, a novel ready-to-eat product and designed a number of need based food processing machines like, small capacity dryer for fruits and vegetables, potato peeler and slicer, power operated peanut sheller, expanding pitch type fruit grader, potato pulper for extraction of starch, and solar supplemented pulse dryer for small entrepreneurs/farmers. Dr. Singh also developed a thermal processing model to predict cooking index (A280 index) of crambe oilseed (a niche oilseed) based on soluble protein that is useful to identify optimally cooked seed for screw pressing. The National Academy of Agricultural Sciences has honored him with Recognition Award for his pioneering and outstanding contributions in the field of Agricultural Engineering and Technology for the biennium 2011 – 12.

Prof Gajendra Singh, Prof. Nalavade and Mr Balachandra Babu attend Club of Bologna meeting in Italy

The meeting of the Club of Bologna was held during 8-10 November, 2012 in Italy. The Club was established in 1988 for the study of strategies for the development of agricultural mechanization worldwide, taking into consideration technical, economic and social advances and changes in agriculture on an international level. The club has 16 members on its



Prof. Gajendra Singh



Prof PP Nalavade



Mr. Balachandra Babu

Management Committee and 85 full members from 40 countries from all over the world. Prof. Singh has been a full member since 1991 and member of the Management Committee since 1995. Main topic discussed this year was

“How far is robotics in our future agriculture?... and what is ready to be transferred in the next years?” Main speakers were from Italy, Denmark, France, Germany, Japan and USA. The main event is an international exhibition of farm equipment (EIMA) organized by UACOMA. FICCI sponsored about 20 persons (mainly manufacturers) from India to visit the EIMA in Bologna. Mr Balachandra Babu of M/S. FARM IMPLEMENTS (INDIA) PVT. LTD., Chennai was elected as a new full member of the Club. Mr Babu is Vice President of the “All India Agricultural Machinery Manufacturers Association”. The Club organized the “Giuseppe Pellizzi International Best PhD Prize2012” in Agricultural Mechanization. Most of the contestants were from Europe and U.K. There was only one entry from Asia, Mr

Parish Navalade of India. At present he is working as Assistant Professor at IIT Kharagpur. He did his PhD at Asian Institute of Technology (AIT), Thailand. He was awarded the third prize. The Club paid his air travel and local expenses in addition to cash prize of Euro 600.

Obituary

Prof. K.R. Swaminathan (26.02.1935 - 18.11.2012)



Prof.K.R. Swaminathan, formerly Dean, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore during 1988 -1994, expired on 18.11.2012 at Coimbatore. He served the Agricultural Engineering faculty in various capacities. He was instrumental to establish a separate department for Bio energy and research activities in the area of renewable energy at TNAU. He has developed number of gadgets and implements. Also guided more than 20 masters and 10 Ph.D. scholars in the areas of Farm Machinery and Bio-energy. He obtained and operated number of schemes funded by Government and other private agencies.

Chapter News

Akola Chapter

Installation of Newly Elected Executive Council of Indian Society of Agricultural Engineering Akola Chapter

The Indian Society of Agricultural Engineering, Akola chapter held its Executive Body Meeting on 24th November, 2012 at the faculty of Agril. Engineering, Dr. Panjabrao Deshmukh Krishi Vidyapeeth. Following Executive was unanimously nominated:



Chairman Dr. S. M. Taley, Professor & Head, Deptt. of Soil and Water Conservation Engineering,
Vice Chairman Er. V. H. Kalbande, General Manager (P&E), Maharashtra State Seeds Corp. Ltd. Akola.,
Vice Chairman Dr. S. B. Wadatkar, Head, Deptt. of Irrigation and Drainage Engineering,
Secretary Shri. S. R. Kalbande, Associate Professor, Deptt. of

Unconventional Energy Sources and Electrical Engg.,

Treasurer Dr. P. A. Borkar, Research Engineer, AICRP on Post Harvest Technology,

Executive Members:

Prof. N. N. Narkhede, Ex Dean, Faculty of Agricultural Engineering, Dr. PDKV, Akola,

Dr. I. L. Pardeshi, Associate Professor, Department of Agril.Engineering,
Shri. A. R. Maske, Associate Professor, Department of Soil Water Conservation
Engineering
Mrs. S. V. Gupta, Associate Professor, Department of Farm Structure.

The installation ceremony of newly nominated Executive Council of ISAE Akola chapter was held on 26/11/2012 in the gracious presence of Dr. V. M. Mayande, President, ISAE, New Delhi & Ex-Vice Chancellor of Dr. PDKV, Akola. Dr. P. M. Nimkar, Chairman of Installation ceremony & Dean, Faculty of Agril. Engineering, Dr. PDKV Akola welcomed the ISAE President & all the members and briefed the progress & efforts made by this chapter for the organization of 45th Annual Convention of ISAE & International Symposium on Water for Agriculture during January 2011 held at Nagpur (M.S.) under the dynamic leadership of Dr. V. M. Mayande, then Vice Chancellor of Dr. PDKV, Akola.

Dr. V. M. Mayande, ISAE President offered his congratulations to the newly elected Executive Council of ISAE-Akola chapter. He expressed his views on present status of Agricultural Engineering in the country with respect to the mechanization, need and importance of industry participation for the progress and spread of Agricultural Engineering technologies for the benefits of farming community in the country. The event also included the remarks of Dr. S. M. Taley newly elected Chairman of ISAE Akola Chapter and the programme was concluded at last with the vote of thanks offered by Dr. P.A. Borkar, treasurer of this Chapter.

ISAE Chapter to be opened at IICPT



The Indian Institute of Crop Processing Technology (Formerly Paddy Processing Research Centre) is a pioneer Research and Development Institute under the Ministry of Food Processing Industries, Government of India. The mandate of the Institute is strengthening R & D efforts in the post-harvest processing, preservation and value addition of raw agricultural produce. The Institute is located at Thanjavur, with its modern laboratories

equipped with hi-tech instruments, is engaged in the R&D of food grain processing, value addition, by-product utilization through bio-processing, process and product development. The Food Testing Laboratory of IICPT is NABL accredited. It is equipped with a hi-tech and cottage level food processing incubation cum training center. Hands-on-training on different food processing technologies, renting facilities and other supports are offered all thought the year to help the entrepreneurs to put in their innovative ideas for the development of new products. IICPT also offers B.Tech., M.Tech. and Ph.D. programs in Food Process Engineering. The IICPT Chapter of ISAE will be opened on 4 January 2013 during the inaugural function of our 3rd INCOFTECH (The International Conference on Food Technology)

Proceedings of the Executive Council held on 17th November, 2012

ISAE Executive Council Meeting was held on 17.11.2012 at 02:30 PM in the Conference Hall of ISAE at NASC Complex.

Members present:

1. Dr VM Mayande, President
2. Dr. Aswani Kumar, Director (Soil & Water Engineering)
3. Dr JP Sinha, Secretary
4. Dr YK Yadav, Chapter Chairman (Haryana)
5. Dr BS Pathak, Special Invitee

Dr Gajendra Singh, Past President, Dr A.P. Srivastava, Vice President (AC), Dr R.T. Patil, Vice President (TC) communicated to the president about their inability to attend the meeting due to various reasons. Some members communicated through secretary about their inability but large number of members have not communicated about their attendance for meeting although communication about date of the meeting was made fortnight advance and the date of the meeting was decided in previous meeting. President expressed concern about the attendance of the meeting. Dr V.M. Mayande, President, ISAE welcomed and thanked the members of Executive council for attending the meeting. President declared that this meeting is regular as per society bylaws and all the decisions taken during the meeting shall be executed. President nominated Dr J.P. Sinha, Secretary to serve as Member Secretary in absence of Secretary General. After the opening remarks by the President, the agenda items were discussed and following decisions were taken unanimously:

1. Confirmation of Minutes of meeting held on 30th June, 2012:
The minutes of meeting held on 30th June, 2012 at ISAE HQ, NASC Complex were approved.
2. Review of progress on settlement of account of 46th Annual Convention held at Pantnagar:
The amount received from various organization on the account of 46th Annual Convention has been audited. The organizers of Pantnagar convention will be again requested to settle account as soon as possible. Executive Council suggested that Vice President (Activity Council)/Secretary General/Secretary may visit Pantnagar personally to settle the account immediately.
3. Review of progress of 47th Annual Convention to be held at Hyderabad:
President, ISAE informed that he had held meeting with local organizers on 3rd August, 2012 for successful organization of the convention. He will again visit Hyderabad to review the progress.
4. Review of Status of JAE & AET:
The Executive council appreciated the contribution of Chief Editors and Editorial Boards of JAE & AET for excellent work done by them. Executive Council suggest Vice

President/Secretary general/Secretary/Chief Editors of Journal to expedite review of NAAS rating and take necessary actions to submit proposal to NAAS committee for review as Journal is now regular supported by quality improvement.

5. Approval of ISAE Awards:

The Award Committee constituted under chairmanship of Dr BS Pathak and Dr Bhattacharya as member and Dr N.C.Patel, Director (Awards) as member Secretary submitted the report. Executive Council appreciated the efforts of committee for screening the applications and finalization of various awards. Executive Council approved the recommendation of the award committee as it is. Prof. Gajendra Singh committee submitted the recommendations on awardee for best papers published in the past four issues of JAE. The recommendations were approved by Executive Council. Regarding ISAE Fellowship all applications/nominations received were forwarded to the committee constituted under the Chairmanship of Dr.S.R.Singh with Prof BPN Singh and Dr S R Verma as Members. Executive Council decided that the recommendations of the committee regarding ISAE Fellowship will be accepted as it is and Secretary General//Secretary shall take necessary action for communicating to awardees as approval of EC.

Executive Council discussed and decided that the Mason Vaugh Award is to be given rarely and this year it may be skipped. ISAE Gold Medal is the highest honour of the society for life time achievement. President in consultation with peer members and also as proposed during EC meeting after thorough discussion unanimously approved the conferring of ISAE Gold Medal(s) Dr M.M. Pandey, Deputy Director General (Engg), ICAR, New Delhi and Dr B.H. Jain, Founder of Jain Irrigation, Jalgaon (Industry) in recognition of their life time contributions and Services to rendered to the profession of Agricultural Engineering. Secretary General/Secretary shall communicate all awardees immediately to enable them plan their travel to Hyderabad.

It has been proposed to institute a new Special Recognition Award (Industry & Extension) to recognize the services rendered by the field Engineers and those engineers contributing to provide extension services in the field/industry. These categories although provide great services but often not recognized. Executive council approves the proposal for institution of new Award(s) by nomination/application/recommendation of the Executive Council from 2013. It will be discussed and finalized in forth coming General Body meeting at Hyderabad.

6. Reimbursement of travel expenses of Executive Council Members

Executive Council meetings are generally organized at New Delhi and Members have to travel from outstation to attend meetings. Most members so far have been meeting travel cost from their official source, however, retired members have no provision to meet travel cost and often skip the meetings. The proposal was made by Dr B.S. Pathak, Special invitee and peer member of the society to consider reimbursement of travel cost of Executive Council Members who have no other source to meet their travel cost to attend EC meetings. Society is now in financially sound position and has to ensure participation of members for meetings. Expenditure (not only income) is essential component of the growth. Executive Council discussed the issue and provisions under the society bylaw 10.3 which state that “No office bearer of the society or Member of its Council shall receive directly or indirectly any salary,

travelling expenses, compensation or emoluments from society unless so authorized by the Council”. Therefore, considering the provision in byelaws (10.3), financial growth of the society, and the expenditure on travel cost of the EC members shall be reimbursed by the society which is obvious and necessity. Therefore, Executive Council unanimously approves the proposal of reimbursement of travel cost of Members who have no other source to meet the travel cost of attending the meetings of the Society and authorizes society to reimburse the travel cost for attending the EC meetings with effect from 17th November 2012, in pursuance of the society bylaw (R10.3).

7. Organization of Regional Conventions

Executive Council discussed the proposal by Dr B S Pathak, Peer Member of the Society and special invitee for the meeting to organize four Regional Conventions in North, South, East and West regions in addition to Annual convention on regional theme which will provide opportunity to grass root level engineers and industries of that region to participate and contribute for making practical and implementable recommendations to respective Governments. This activity will not only provide more opportunities for Agril Engineers to interact but also generate financial resources to the society through regional conventions. The proposal was discussed in depth and unanimously approved by the Executive Council for implementation during 2013. This may be put up to next general body for discussion and approval.

The meeting ended with Vote of thanks to the Chair and Members.

Farm Machine for the Month



The CIFA, Bhubaneswar centre of AICRP on APA has developed a Mobile Fish Vending Unit. Hygienic fish marketing has been a bottleneck in the whole fish marketing system. Hygienic fish product increases the consumer satisfaction and repeat buying. The prototype has been developed looking into those problems faced by the retail vendors and consumers. Its unit cost is Rs.52,780/-. The major features of the system includes a cycle rickshaw, 170 L chilled box (required ice 42.5 kg) and 66 L tray, cutting and processing area 0.42 m², capacity of storage water 10 L, waste disposal volume: 8.0 Lts, wcales and fins disposal volume: 8.0 Lts, insentient disposal volume: 8.0 Lts, capacity of semi process products (kg): 50, capacity of whole fish process products(kg): 120. It has benefit of assuring best possible market quality, provide a proper form of semi-processed of final product, assure health safety of products, apply the most rational raw processing method, product suitable in urban/municipality areas with proper waste disposal.

Farmer Innovator

Shri K. Natarajan

Tractor Operated Farm Waste Shredder



Shri K. Natarajan, Neermadai Thottam, Post Uthavipalayam Chinna Negamam, Pollachi, District Coimbatore, Tamil Nadu developed can could able to cut farm waste like banana pseudo stem, coconut fronts etc into small pieces. Shredder consists of 6 heavy blades and has rotary speed @ 1500 RPM. Principle of shredder is rotary movement action of blades. It has dimensions of 2000mm x1250mm x1150 mm, hopper dimensions 450 mm x 300 mm and weight 325 kg. Tractor with 35 hp and above power – driven is required for operation of Shredder.

Disposal of farm waste like banana pseudo stem, coconut fronts etc., is a laborious process at farm level. Tractor operated farm waste shredder helps to convert farm waste (dry and wet) effectively into organic manure at farm level with



less time and low cost. It benefits Rs 7500/ha. Shredder cost is Rs 100000. Average of 3 to 4 shredders per month supplied. So far 150 farmers are using the shredder. (Source: Farm Innovators–2010, ICAR, New Delhi)

Announcements

Bhopal Chapter to organize ISAE National Student Competition – 2013

The Bhopal chapter of ISAE is going to organize national Student Competition during Jan 10-11, 2013 as given below

| | |
|------------------------------|--|
| Organiser | : ISAE – Bhopal Chapter and CIAE, Bhopal |
| Venue | : CIAE, Bhopal |
| Competition dates | : Two days - January 10-11, 2013 |
| Eligibility for participants | : Students of B. Tech. / B.E. (Ag. Engg./ Food Engg.) |
| Events* | : Team competitions for: <ul style="list-style-type: none"> • Best models/ displays of Ag. Engg. Activities • Quiz on Agri. Engineering related topics • Elocution competition on emerging areas in agril engg. |
| Student Sponsorship | : Respective Institutes/ Colleges. No TA/DA support by ISAE or CIAE. However, Director CIAE (patron of the chapter) may provide accommodation in CIAE guesthouse/ hostels at concessional rates. |
| Selection of student | : Deans/ Principals of Agricultural Engineering Colleges/ Institutes |

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| teams | will select a team to 4 students to represent their institution. |
| Team constitution | : Four students One faculty or staff member of the respective institution (optional). |

For further details please contact

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| Dr PC Bargale, Chairman, ISAE – Bhopal Chapter & Principal Scientist, APPD Central Institute of Agril. Engineering, Nabibagh, Bhopal – 462 038 (MP) | Dr KVR Rao, General Secretary, ISAE – Bhopal Chapter & Senior Scientist, IDED Central Institute of Agril. Engineering, Nabi Bagh, Bhopal – 462 038 (MP) |
| Email: <pcbargale@yahoo.co.in> <pcbargale@ciae.res.in> Ph. 0755-2521068 Mobile: 0989333-7808, Fax: 0755-2730-987 | Email: <kvramanarao@yahoo.com> <kvrr@ciae.res.in> Ph. 0755-252-1159, Mobile: 094250-23739 Fax. 0755-2734016 |

Upcoming Events

The XVIII CIGR World Congress 2014

The XVIII World Congress of International Commission of Agricultural and biosystems Engineering (CIGR) will be held in Beijing, China from 16-19 Sept 2014. The theme of this conference is Agricultural and Biosystems Engineering In Upgrading Our Quality of Life. The detailed instructions will be given when second announcement will be out.

The IV CIGR International Conference-Ag Eng Conference-2016

This conference will be held at University of Aarhus during June 26-29 2016 as joint event between CIGR and EurAgEng (European Society of Agricultural engineering) and co-sponsored by NJF (Nordic Association of Agricultural Scientists) and Arhus University. The contact Person is Prof. Soren Pederson and email is soeren.Pedersen@agrsci.dk

CIGR Section IV 34th International Conference

This conference will be held at Agricultural University in Krakow, Poland. The main topics discussed will be Biomass, Biogas and Water and Wind Energy. Contact Person is Prof. Janusz Piechocki, Chair CIGR Section IV

First International Conference and Workshop at NIFTEM

National Institute of Food Technology Entrepreneurship and Management (NIFTEM) is a Deemed-to-be university under De-novo category and Autonomous Institution under the Ministry of Food Processing Industries, Government of India.

NIFTEM is organizing 1st International Conference on Innovations in Food Processing, Value Chain Management & Food Safety (IFpvs) in its campus during January 10-11, 2013. International Conference IFpvs-2013 shall witness participation from academic, R&D Institutions, Industries from core and allied sectors of food processing industry in India and abroad. Since safety of food has become an area of major concern of modern consumer, it is planned to have a workshop on food safety just after International Conference IFpvs-2013 in the same venue on January 12, 2013. The workshop will be organized in presence of eminent experts of various fields of food safety from India and abroad. During the same time NIFTEM is organizing exhibition of concerned manufacturers, suppliers, producers, business operators from food and allied sectors in its campus at Kundli.

A detail information brochure and further updates can be seen at NIFTEM's website www.niftem.ac.in.

47th Annual Convention of ISAE and International Symposium on Bio Energy-Challenges and Opportunities

The 47th ISAE Convention will be organized during January 28-30, 2013 at Acharya N.G Ranga Agricultural University (ANGRAU) Rajendranagar, Hyderabad with an aim to bring all stakeholders at a single platform where they will deliberate on all the issues in different technical session and with key note address by national and international experts in the field of Agricultural Engineering. On the sidelines of Annual Convention an International Symposium on “BIO-ENERGY - Challenges and Opportunities” will also be organized.

Important Deadlines

Abstract submission : October 31, 2012
 Letter of acceptance to authors : November 25, 2012
 Submission of full length paper : December 22, 2012
 Final manuscript submission to conveners by concerned Technical Directors : January 05, 2013

Conference website : <http://www.47 ISAE HYD 2013.in>

Technical Director will decide on the papers to be presented during oral sessions or through poster presentations. After receiving the acceptance, full length paper for oral presentation should be sent both on CD and by e-mail to the respective technical directors. Detailed guidelines for oral as well as poster presentations are available on the web site. Souvenir along-with CD will be distributed during registration. Contact details of Technical Directors are as given below:

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| <p>Processing, Dairy & Food Engineering</p> <p>Dr D C Joshi, Dean Faculty of Food Processing & Bio-Energy Anand Agricultural University Anand – 388 110 (Gujarat) dcjoshi258@gmail.com +91 9998 009 965</p> | <p>Energy in Agriculture and Other Areas</p> <p>Dr P Venkatachalam, Professor & Head, Department of Bio Energy AEC & RI, Tamil Nadu Agricultural University, Coimbatore – 641 003 (Tamil Nadu)</p> |
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| | |
|--|---|
| | pvenkat55@yahoo.co.uk +91 9442 961 793 |
| Farm Machinery and Power Dr Y C Bhatt 1-Shantinagar, Roopsagar Marg, University Road, Udaipur – 313 001 (Rajasthan) drycb@hotmail.com +91 9414 168 434 | Soil and Water Engineering Dr Ashwani Kumar, Director, Water Technology Centre for ER, Chandrashekharpur, Bhubaneswar – 751023 (Odisha) ashwani_wtcer@yahoo.in +91 9437 475 353 |

National Convention of Agricultural Engineers and National Seminar (NCAE-2013) at Udaipur

26th National Convention of Agricultural Engineers and National Seminar (NCAE-2013) on "Precision Agriculture for Sustainable Food production" under the aegis of Agricultural Engineering Division Board, IEI in association with CTAE, MPUAT, Udaipur by The IEI Udaipur Local Centre, 128, Hiran Magri, Sector-11, Udaipur, 313001 (Rajasthan), during February 15-16, 2013

Contact:

Dr.Y.C.Bhatt, Chairman and Convener, Dr.G.S.Tiwari, Co-Convener
Dr.Deepak Sharma, Organizing Secretary
IEI, Udaipur Local Centre, 9414168434, 9413208577, 9414160221
Email: ieiulc@gmail.com, drycbhatt@hotmail.com,
tiwarigsin@yahoo.com, deepshar@rediffmail.com

NEW MEMBERS

| LM No. | Name | City | State |
|----------------------|------------------------|------------|--------|
| 2012 December | | | |
| LM - 10821 | Er. Aneeshya Kamal K.S | Trivandrum | Kerala |
| LM - 10822 | Dharamendra Saraswat | Arkansas | U.S.A |

For further details contact:

Secretary General: **Prof Anil Kumar** (anil_k_99@yahoo.com) and/or
Secretary: **Dr J P Sinha** (jpsinha@gmail.com)

INDIAN SOCIETY OF AGRICULTURAL ENGINEERS

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