



Sorghum Newsletter



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Winter School Programme on "Molecular breeding approaches for genetic enhancement of Millet crops"

ICAR sponsored winter school on "Molecular breeding approaches for genetic enhancement of Millet crops" was organized at the Directorate of Sorghum Research (DSR) Hyderabad from 6 to 26 January, 2014. Dr. JV Patil was the



course Director while Drs. R Madhusudhana and P Rajendrakumar were the course co-ordinators. Twenty-five delegates representing ICAR institutes and several agricultural universities across the country participated in the winter school.

Dr. P Ananda Kumar, Director, Institute of Biotechnology, ANGRAU, Hyderabad inaugurated the winter school on 6 January 2014 and released the lab manual. In his inaugural address, he emphasized the need for millet cultivation and

समाचार सारांश

कदन्न फसलों के आनुवंशिक वर्धन हेतु आण्विक प्रजनन दृष्टिकोण पर शीत पाठ्यक्रम : भाकृअनुप के प्रायोजन से ज्वार अनुसंधान निदेशालय, हैदराबाद में 06-26 जनवरी, 2014 के दौरान कदन्न फसलों के आनुवंशिक वर्धन हेतु आण्विक प्रजनन दृष्टिकोण पर शीत पाठ्यक्रम का आयोजन किया गया। डॉ. जे वी पाटील इस पाठ्यक्रम निदेशक थे जबकि डॉ. आर मधुसूधन तथा डॉ. पी राजेन्द्रकुमार समन्वयक थे। देशभर में स्थित भाकृअनुप संस्थानों तथा कृषि विश्वविद्यालयों का प्रतिनिधित्व कर रहे 25 अधिकारियों ने इसमें भाग लिया। डॉ. पी आनंद कुमार, निदेशक जैवप्रौद्योगिकी संस्थान, आ.एन.जी.रं.कृ.वि.वि., हैदराबाद ने 6 जनवरी 2014 को इस पाठ्यक्रम का उद्घाटन किया। इस पाठ्यक्रम के समापन समारोह में डॉ. बी सी विरक्तमठ, परियोजना निदेशक, चावल अनुसंधान निदेशालय मुख्य अतिथि के रूप में उपस्थित थे। डॉ. बी वेंकटेश भट, डॉ. डी बालकृष्णा, डॉ. के एन गणपति तथा डॉ. सुनील गोमाशे इस पाठ्यक्रम की आयोजन समिति में अन्य सदस्य थे।

ज्वार सौरभ को गणेश शंकर विद्यार्थी हिंदी कृषि पत्रिका पुरस्कार : वर्ष 2012-13 के दौरान भाकृअनुप संस्थानों द्वारा प्रकाशित हिंदी पत्रिकाओं के मूल्यांकन के आधार पर भाकृअनुप ने निदेशालय द्वारा प्रकाशित ज्वार सौरभ के अंक-3 के लिए गणेश शंकर विद्यार्थी हिंदी कृषि पत्रिका पुरस्कार के अंतर्गत प्रोत्साहन पुरस्कार की घोषणा की है।

डॉ. जे वी पाटील को फेलोशिप : भारतीय दलहन अनुसंधान संस्थान, कानपुर में स्थित भारतीय दलहन अनुसंधान एवं विकास संस्था की कार्य परिषद् ने दलहन विकास में योगदान के लिए 19 दिसंबर, 2013 को डॉ. जे वी पाटील, निदेशक, जवा.अनु.नि. को फेलोशिप प्रदान करके उनका सम्मान किया।

बारामती में ज्वार स्टाल : निदेशालय ने राष्ट्रीय अर्जैविक स्ट्रेस प्रबंधन संस्थान, मालेगांव, बारामती में 17-18 जनवरी, 2014 के दौरान ज्वार खाद्य प्रदर्शनी का आयोजन किया। श्री शरद पवार जी, माननीय केंद्रीय कृषि मंत्री के साथ सांसद श्रीमती सुप्रिया सुले के अलावा अन्य गणमान्य व्यक्तियों ने उक्त प्रदर्शनी का अवलोकन किया।

कदन्न महोत्सव, गुंटूर में ज्वार स्टाल : आ.एन.जी.रं.कृ.वि.वि. द्वारा गुंटूर में 25-26 जनवरी 2014 के दौरान आयोजित कदन्न महोत्सव में निदेशालय ने ज्वार स्टाल लगाया। उक्त स्टाल पर ज्वार की उन्नत कृष्य किस्मों तथा विभिन्न ज्वार खाद्य पदार्थों का प्रदर्शन किया गया। कई गणमान्य व्यक्तियों के अलावा लगभग 7000 लोगों ने उक्त स्टाल का अवलोकन किया।

गणतंत्र दिवस समारोह : निदेशालय में बड़ेही उत्साह के साथ 26 जनवरी 2014 को राष्ट्र का 65वाँ गणतंत्र दिवस समारोह मनाया गया। इस अवसर पर संस्थान के निदेशक, डॉ. जे वी पाटील ने झंडा

फहराकर स्टाफ को संबोधित किया तथा इस समारोह के उपलक्ष्य में निदेशालय द्वारा आयोजित विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कार प्रदान किए। इस अवसर पर विभिन्न सांस्कृतिक कार्यक्रमों का भी आयोजन किया गया।

पदोन्नति : विभागीय पदोन्नति की संस्तुति पर निम्नलिखित स्टाफ को अगली उच्च श्रेणी में पदोन्नत किया गया :

श्री एस नरेन्द्र- तकनीकी सहायक (बिजली)- वरिष्ठ तकनीकी सहायक (बिजली)

श्री आर एम पाटील- वरिष्ठ तकनीशियन (ट्रैक्टर चालक)
- तकनीकी सहायक (ट्रैक्टर चालक)

उक्त दोनों तकनीकी स्टाफ को हार्दिक बधाई।

डॉ. एम वी राव का दौरा : डॉ. एमवी राव, माननीय सदस्य आंध्र प्रदेश विधान परिषद तथा भाकृअनुप के भूतपूर्व विशेष महानिदेशक ने 28 जनवरी, 2014 को निदेशालय का दौरा किया। निदेशालय के निदेशक, डॉ. जे वी पाटील ने उन्हें यहां संचालित अनुसंधान गतिविधियों, कार्य-योजनाओं तथा अनुसंधान तकनीकों के बारे में जानकारी प्रदान की। डॉ. एस एस राव ने इस दौर का समन्वय किया।

व्याख्यान

डॉ. एस एस राव, प्रधान वैज्ञानिक ने आई.एस.एस.पी. जोनल संगोष्ठी, बापटला में *क्लाइमेट चेंज* विषय पर तथा ए.आर.एस. कोविलपट्टी में *मॉनिटर एंड एसिस द मल्टीडिस्ट्रिब्यूशनरी सोरघम ट्रायल्स ऑफ रबी सिजन प्लान्टेड (लेट खरीफ)* विषय पर अग्र व्याख्यान दिया।

डॉ. महेश कुमार, तकनीकी अधिकारी (हिंदी) ने नगर राजभाषा कार्यान्वयन समिति-हैदराबाद-सिकंदराबाद (केंद्रीय कार्यालय) द्वारा उन्नत प्रणाली प्रयोगशाला (ए.एस.एल.), हैदराबाद में 30 जनवरी 2014 को बदलता परिवेश और राजभाषा कार्यान्वयन पर आयोजित संगोष्ठी में *बदलते परिवेश को अभिव्यक्त करने में सक्षम : राजभाषा हिंदी* विषय पर पॉवर पाइंट प्रस्तुतीकरण दिया।

सेवानिवृत्त : श्री जी विन्सेंट रेड्डी (वरिष्ठ तकनीकी अधिकारी), श्री जी रामुलु (वरिष्ठ तकनीकी अधिकारी) एवं श्रीमती भारतममा (कुशल सहायक कर्मचारी) अधिवर्षिता पर 31 जनवरी 2014 को निदेशालय की सेवाओं से निवृत्त हुए। *निदेशालय परिवार उक्त सभी के खुशहाल एवं स्वस्थ जीवन की कामना करता है।*

राहुरी में इस परीक्षणों का अनुवीक्षण : पौधा किस्म एवं कृषक अधिकार संरक्षण प्राधिकरण के दिशा-निर्देशों के अनुसार 30 जनवरी 2014 को डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. की अध्यक्षता में महात्मा फुले कृषि विद्यापीठ, राहुरी में आयोजित ज्वार इस परीक्षणों का अनुवीक्षण किया गया। निदेशालय से डॉ. सी अरूणा रेड्डी, सह-नोडल अधिकारी, इस भी अनुवीक्षण के दौरान उपस्थित थीं। डॉ. वी आर शेलार, म.फु.कृ.वि., राहुरी ने विभिन्न उम्मीदवार किस्मों हेतु चलाए जा रहे इस परीक्षणों के संबंध ब्यौरा प्रस्तुत किया।

प्रजनक बीज अनुवीक्षण : विभिन्न वैज्ञानिकों के द्वारा जवालिंगर, नंचाल एवं कर्नूल, आदोनी में प्रजनक बीज कार्यों के अनुवीक्षण हेतु दौरा किया गया।

कोयंबतूर में अ.भा.स.ज्वा.उ.प. समूह की 44वीं वार्षिक बैठक : तमीलनाडु कृषि विश्वविद्यालय, कोयंबतूर में 28-30 अप्रैल 2014 के दौरान ज्वार समूह की 44वीं वार्षिक बैठक का आयोजन सुनिश्चित हुआ है।
-डॉ. महेश कुमार



their consumption for health and nutrition benefits. In the context of climate change, millets are genetically better equipped as compared to finer cereals like rice and wheat. Therefore, they are the crops of the future, and their cultivation needs promotion through breeding higher yielding varieties with improved resistance to biotic and abiotic stresses. Dr. JV Patil, Director, DSR described the role of various millets, their nutritional value and the need for the application of the DNA marker and gene technology to strengthen the millet breeding programme in the country.

Dr. R Madusudhana outlined course content and the daily schedule in a nutshell. The training programme encompassed major themes on development and using DNA markers in molecular breeding applications of markers genomics and transgenics. The training also included hand-on practical sessions on techniques involved in use of markers, genetic mapping and transformation besides visit to field and various labs.

Dr. BC Viraktamath, Project Director, Directorate of Rice Research was the Chief Guest of the valedictory function held on the 26 January, 2014, and released the lecture notes of the winter school. In his valedictory address, he emphasised the need to judiciously blend the conventional breeding approaches with the DNA marker tools for precision breeding for higher genetic gains. He opined that the all the plant breeders should know to use the tools of molecular biology. All the participants expressed their great satisfaction in the conduct of the Winter School. The other members of the organizing committee were Drs. B Venkatesh Bhat, D Balakrishna, KN Ganapathy and Sunil Gomashe.

ICAR's Award to "Jowar Sourabh"

ICAR announced a consolation prize of "Ganesh Shankar Vidyarthi Hindi Krishi Patrika Puraskar" for the "Jowar Sourabh" the Hindi journal published by the DSR-Hyderabad for the year 2013. It will be awarded soon at the appropriate venue.

Fellowship awarded to Dr. JV Patil

The executive council of the Indian Society of Pulses Research and Development located at Indian Institute of

Pulses Research, Kanpur honoured Dr. JV Patil, Director, DSR-Hyderabad as a Fellow of the Society for his valuable contributions in pulses research on 19 December, 2013.

Sorghum Stall at Baramati

DSR installed a sorghum food kiosk at Krishi vigyan Kendra,



Baramati, during 17-18 January 2014. Union Minister of Agriculture Sh. Sharad Pawar visited this stall along with the Member of Parliament Smt. Supriya Sule and other dignitaries. A large number of participants including researchers, policy makers, scientists, private sector delegates, farmers visited our sorghum stall. This exhibition was organized as a part of promotional activity for creating awareness on sorghum foods through posters and samples of processed products of sorghum. Delegates showed keen interest to have detailed information on processed foods and details of machinery used for processing sorghum. Mrs. Vishala AD, Mr. Anis, DSR and Mr. AR Limbore, Senior Technical Officer, CRS, Solapur organized this stall.

Sorghum stall in "Millet festival" at Guntur

DSR set up a stall in the exhibition organized during "Millet festival" by ANGRAU during 25-26th January, 2014 at Guntur. The stall exhibited the improved cultivars of sorghum particularly suitable for western coastal districts of Andhra Pradesh along with the vivid sorghum food products. Hon'ble Agricultural Minister of AP, Sh. Kanna Laxminarayana; Dr. A. Padma Raju, Vice Chancellor, ANGRAU; Commissioner & Director of Agriculture, Govt. of Andhra Pradesh; Dean of Home Science, ANGRAU, Sri. V. Sridhar, Joint Director of Agriculture, and More than 7000 farmers and other scientists from public and private sector, housewives, school children, participated in this festival. Most of them visited our sorghum stall. The importance of

sorghum as health and nutritious food was explained to them and the relevant literature was distributed. They were explained about the acceptability of sorghum foods as health food in urban areas, and how these products are becoming popular for diabetic and obese persons. The visitors are showed keen interest in sorghum cultivation in rice fallows and sorghum health food products. Dr. B Subbarayudu, Sr. Scientist and NAIP team Mrs. Kalpana, Ms Shashma and Mr. Anis managed this stall and event.

Republic Day celebrated

The Nations 65th Republic Day was celebrated at DSR with great enthusiasm and gaiety on 26 January 2014. Dr JV Patil, Director hoisted the National flag and addressed the staff as well as the participants of the winter school training programme. He briefed the institute's accomplishments of the past year including visit of the Hon'ble Union Agricultural Minister Sh. Sharad Pawar ji, organizing the AICSIP annual sorghum group meet and Global Millet meet etc. He appraised the possibility of amalgamation of all



millet research under one roof called "Indian Institute of Millets Research". He also said that there is a need to rededicate ourselves with a commitment to meet the challenges ahead in the light of ecological changes. Dr. Patil also distributed prizes to all the winners of various sports events, conducted among the DSR staff to mark the occasion. Research Students of DSR also performed various cultural activities. The programme was organized by Dr. M Elangovan and coordinated by Sh. K Srinivasa Babu and Sh. Aghav Vilas Dnyanoba.

Dr. MV Rao visits DSR

Dr. MV Rao, Hon'ble Member, Legislative Council of Andhra Pradesh and former special DG of ICAR visited Directorate of Sorghum Research, Hyderabad on 28 January, 2014. Dr.



JV Patil, Director, DSR explained him about the ongoing research activities, action plans, and monitoring techniques being practiced at DSR to increase the research and scientific output. Dr. Rao also visited sorghum

demonstration plots and Food Processing and Technology Park. Dr. SS Rao, Principal Scientist coordinated his visit.

Promotions

Based on the recommendations of the DPC the following staff was promoted to their next higher grade:

Sri S Narender - Technical Assistant (Electrician) to Senior Technical Assistant (Electrician); **Sri RM Patil** - Senior Technician (Tractor Driver) to Technical Assistant (Tractor Driver). Congratulations.



Superannuation

Sh. G Vincent Reddy (Senior Technical Officer) and **Sh. G Ramulu** (Technical Officer) and **Mrs. Bharatamma** (SSS),



who served the institute superannuated on 31 January, 2014. Mementoes from staff recreation club presented by Dr. SS Rao, Director In-Charge, DSR. Staff of DSR wishes them a very happy and healthy retired life.

Lectures Delivered

Dr. SS Rao, Principal Scientist delivered the lead lecture on "Climate Change" at ISPP zonal seminar, ISPP, Ag. College, Bapatla, and to monitor and assess the multidisciplinary sorghum trials of rabi season planted (late kharif) at ARS, Kovilpatti, T.N.

Dr. B. Subbarayudu, Senior Scientist delivered the guest lecture on "Insect pests of sorghum and their management under zero tillage situations in rice fallows" at Agriculture College, Bapatla Guntur on 27 January, 2014.

He also delivered at lecture and hands-on training to the INSIMP trainees on "Insect pests of sorghum and their management" at SEMATI, Hyderabad on 29 January, 2014. In this event 50 farmers and agricultural officers and

technical assistants participated.

Dr. Mahesh Kumar, Technical Officer (Hindi) delivered a power point presentation on "Badalate parivesh ko adbivakta karane mein saksham Rajbhasha Hindi" on 30 January, 2014 in a seminar on 'Badalata parivesh aur Rajbhasha Hindi' organised by TOLIC-Hyderabad-Secunderabad (Central Govt. officers) at Advanced Systems Laboratory (ASL), Hyderabad.

Institute meetings

Institute Joint Staff Council (IJSC)

The Institute Joint Staff Council Meeting was held on 7 January, 2014 in the Committee Room. The following staff members were present in the meeting: Official side: Dr. JV Patil - Director & Chairman, Drs. D Balakrishna, A Kalaisekar, Mr. Saroj Kumar Singh- Member Secretary; Staff side: Sh. HS Gawali - Secretary (Staff side), Sh. Santh Kumar - Member (I/c FAO), Sh. AV Rao- Member (Administration), Sh. P Prakash, J Narsimha and B Narasimha- Members (Supporting). The Member-Secretary presented the action taken report on agenda items. The progress was discussed by the members.

Committee on prevention of sexual harassment at work place

The meeting of "Committee on prevention of sexual harassment at work place" was held on the 7 January, 2014. The following staff members were present in the meeting: Drs. Surekha, Sr. Scientist, DRR, (External member), CV Ratnavathi (Chairman), PG Padmaja, VSG Parvathi (Members) and Mr. Saroj Kumar Singh (Member-Secretary). There was no issue for discussion.

Institute Grievance Cell (IGC)

The Institute Grievance Cell Meeting was held on 7 January, 2014. The following members were present in the meeting: Official side: Dr. JV Patil - Chairman, Sh. Saroj Kumar Singh, Sh. K Sanath Kumar (FAO i/c)- Sh. AV Rao ; Staff side: Dr. D Balakrishna , PG Padmaja - Members (Scientific), K Suresh Kumar- Member (Admn), Sh. J Narasimha- Member (Supporting staff). The committee has reviewed the Action Taken Report submitted by the Member-Secretary. There was no grievance to discuss, so all discussed on proactive measures to increase work efficiency.

Monitoring of sorghum DUS testing trials at Rahuri

The monitoring of sorghum DUS testing trials conducted at MPKV, Rahuri was held on 30 January, 2014 under the Chairmanship of Dr. JV Patil, Director, and DSR as per the guidelines of PPV&FR Authority. Drs. C Aruna, Co-Nodal Officer, DUS from DSR attended the monitoring. Dr. VR Shelar, MPKV, Rahuri explained the DUS testing taken up for different candidate varieties.

Monitoring of AICSIP rabi trials:

The following centres have been visited by DSR and AICSIP scientists to monitor rabi sorghum trials

Kovilpatti : Dr. SS Rao , Principal Scientist and Dr HV Kalpande Visited ARS, Kovilpatti to Monitor rabi (late kharif) AICSIP trials on 24-27Jan.2014.

Solapur: DRs. VR Bhagwat, Pr Scientist, HS Talwar , Pr Scientist, & Sanjana Reddy, Sr Scientist, visited CRS, Solapur on 15-16 Jan, 2014 to monitor project trial and

AICSIP Ento trials at CRS, Solapur

Nandyal: Drs. VR Bhagwat Pr Scientist, K Hariprasanna, Sr. Scientist, Dr. UN Alse from VNMAU, Parbhani visited ARS, Nandyal on 20 January, 2014 to monitor Rabi trials.

Bijapur: Drs. JS Mishra and Prabhakar visited the RRS, Bijapur, CRS, Solapur on 27-28 January, 2014 to monitor Rabi trials.

Rahuri: Drs. G Shyam Prasad, S Ravikumar, YD Narayana, UAS, Dharwad, Chandrakanth Soregoan visited MPKV, Rahuri on 23 January, 2014 to monitor Rabi trials.

Dharwad: Dr. Sujay Rakshit Pr Scientist, and Sh. K Srinivasa babu Sr Scientist, and Sunil Gomashhe, Scientist visited UAS, Dharwad on 28 January, 2014 to monitor Rabi trials.

Surat: Dr. IK Das visited NAU, Surat on 29 -30 January, 2014 to monitor Rabi trials.

Nagpur : Drs JV Patil, Director, DSR and VR Bhagwat, Principal Scientist visited CICR, Nagpur on 27th January, 2014 for monitoring the progress of sorghum Demo for Krishi Vasanth Fair which is to be held during 9-13 February, 2014 at CICR, Nagpur

Breeder seed monitoring visits

Jawalgera: Drs. Vilas A Tonapi, B Venkatesh Bhat, K Srinivasa Babu, Raghunath Kulkarni visited for breeder seed production monitoring and seed certification plots of CSV 15, CSV 20, CSV 27, PC 6 and UPMC 503 at Jawalgera central state farm on 04 January 2014. All varieties confirmed to genetic purity.

Dr. Umakanth AV, RS Meena visited the BSP plots of CSV 27 and PC-6 at Jawalgera on 22 January, 2014.

Nandhyal & Kurnool: Drs. Vilas A Tonapi, B Venkatesh Bhat monitored the breeder seed plots of CSV 17 and AKR 150. All the plots confirmed to the genetic purity standards.

Adoni: Dr. M Elangovan, Sh. Raghunath Kulkarni, Sh. RS Meena monitored the certified seed production plots of CSV 17 at Adoni, Kurnool district.

Visitors

INSIMP farmers from Medak District, AP:

Under State level capacity building training to INSIMP farmers of Medak district (30) and Technical Assistants (2) by State Agricultural Management and Extension Training Institute (SAMETI), Malakpet, Hyderabad visited Directorate of Sorghum Research (DSR), Hyderabad on 3 January,



2014. Another group of SAMETI trainees comprising 40 farmers and two Technical Assistants visited DSR on 7 January, 2014. Dr. B. Subbarayudu, Senior Scientist

enlightened farmers on Sorghum cultivation and their alternate uses. The farmers groups also visited food processing laboratory.

Farmers from RR District AP:

Seventeen registered farmers from different villages of Ranga Reddy district and two Agricultural Officers who are participants of training programme on Certification of Organic farming at Farmers Training Centre, Rajendranagar, Hyderabad visited Directorate of Sorghum



Research on 6 January, 2014. They were briefed about "Sorghum crop management by adopting organic methods and management of insect pests by Integrated Pest Management tools". Dr. B Subbarayudu, Senior Scientist coordinated this visit.

Visit of Maharashtra farmers:

A group of 27 farmers from Maharashtra state under ATMA programme visited DSR on 29 January, 2014. They were briefed about the research activities at the institute and preparation of value-added products and health foods from sorghum. The farmers also visited the demonstration plots and food processing technology park. This visit was coordinated by Dr RR Chapke, Sr. Scientist, and Sh. Harshal Gawali, Sr. Technical Officer.

44th AGM of AICSIP at Coimbatore

The 44th annual sorghum group meeting is scheduled to be held during 28 - 30 April, 2014 at TNAU, Coimbatore. About 200 participants including those from ICAR, SAUs, ICRISAT, NGOS, State Seed Corporations, Private sector seed companies are expected to attend this workshop. Necessary invitations along with the programme schedule is already despatched to all the participants and other dignitaries and preparations are going on briskly.

राजभाषा कार्यन्वयन समिति (रा.का.स.) की बैठक :

राजभाषा कार्यन्वयन संबंधी विभिन्न विषयों पर विचार-विमर्श हेतु डॉ. जे वी पाटील, निदेशक की अध्यक्षता में 02 जनवरी 2014 को रा.का.स. की 28वीं बैठक का आयोजन किया गया। बैठक में डॉ. जे एस मिश्र, प्रभारी अधिकारी-हिंदी कक्ष (उपाध्यक्ष), डॉ. बी वेंकटेश भट, प्रभारी अधिकारी-तकनीकी एवं मीडिया कक्ष, श्री सरोज कुमार सिंह, प्रशासनिक अधिकारी, श्री के सनत कुमार, प्रभारी वरिष्ठ वित्त एवं लेखा अधिकारी (सदस्य) तथा डॉ. महेश कुमार, तकनीकी अधिकारी - हिंदी (सदस्य-सचिव) उपस्थित थे। बैठक में निदेशालय द्वारा तैयार किए जा रहे उत्पादों के कवरों पर द्विभाषिकता सुनिश्चित किए जाने का प्रमुख निर्णय लिया गया।

Meetings (M) / Symposia (S)/ Workshops (W)/ Trainings (T) Conferences (C) attended

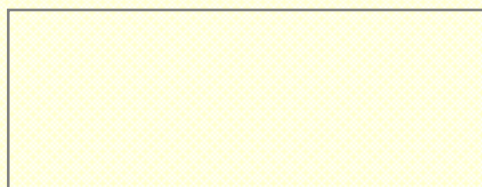
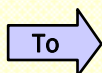
S. No	Name of the Official	Participated in	Type	Venue	Dates
1	Vilas A Tonapi	Seed Planning Meeting	M	UAS, Bangalore	17 Jan, 2014
2	JV Patil	Joint Conference of VCs and ICAR Directors' organized by ICAR	M	NAISM, Baramati	19 Jan, 2014
3	JV Patil	Directors' Conference organized by ICAR	M	Samvad Auditorium, YASHADA, Pune	20 Jan, 2014
4	SS Rao	Zonal seminar of Indian Society of Plant physiology.	S	Ag Collge, Bapatla	23 Jan, 2014
5	JV Patil	Regional committee (Zone - II) meeting,	M	CIFRI, Barrackpur, Kolkata	24 Jan, 2014
6	Mahesh Kumar	A seminar on "Changing Environment and Official Language Implementation" Organised by TOLIC Hyderabad-Secunderabad (Central Govt. Offices)	S	Advanced Systems Laboratory (ASL), Hyderabad	30 Jan, 2014

Thought for the month

Life is not lost by dying; life is lost minute by minute, day by day dragging the work all through the day, in all the thousand small uncaring ways."

-- Stephen Vincent Benet

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