



Happenings at DSR, and AICSIP news

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Research Advisory Committee meeting

The 10th Research Advisory Committee (RAC) meeting was held under the Chairmanship of Dr. S Raghuvardhan Reddy, Former Vice-Chancellor, ANGRAU, Hyderabad at DSR during 13 - 14 November 2009. ICAR was represented by Dr. SN Shukla, ADG (FFC). Other distinguished members present were: Dr. Sithanatham, Ex- Entomologist, ICRISAT and Ex-FAO expert in Africa, Dr. HP Singh, Ex-Director (CRIDA), N Seetharama, Director DSR and Dr. Sujay Rakshit, I/c, Member-secretary. The Director highlighted the progress made at DSR during 2008-09, and projected short-term



Dr. S Raghuvardhan Reddy, Chairman, RAC making a point during the deliberations

plan for sorghum R&D which was fully supported by relevant documents submitted to the committee. The task-force leaders presented the progress achievements and expected outcome from their projects. There were special presentations on documentation and registration of genetic

समाचार सारांश

अनुसंधान सलाहकार समिति की बैठक : ज्वा.अनु.नि. में डॉ. एस रघुवर्धन रेड्डी, भूतपूर्व कुलपति, आचार्य एन जी रंगा विश्वविद्यालय, हैदराबाद की अध्यक्षता में 13-14 नवंबर 2009 के दौरान अनुसंधान सलाहकार समिति की 10वीं बैठक संपन्न हुई ।

“बहु-धान्य रोटियों के विक्रय का शुभारंभ: ज्वार अनुसंधान निदेशालय ने 17 नवंबर 2009 को रा.कृ.न.प. के पौष्टिक मोटे अनाज के खाद्य पदार्थों को लोकप्रिय बनाने के कार्यक्रम के अंतर्गत बहु-धान्य रोटियों के विक्रय का शुभारंभ किया ।

स्मार्ट कार्ड पहचान प्रणाली : ज्वा.अनु.नि. ने पहचान, प्रमाणीकरण, डेटा भंडारण हेतु प्रयोग की जा सकने वाली, स्मार्ट कार्ड व्यक्तिगत पहचान प्रणाली की शुरुआत की है । पहचान-पत्रों की शृंखला में स्मार्ट कार्ड प्रणाली अत्यंत नवीनतम तथा दक्ष है ।

नए वैज्ञानिकों हेतु अभिविन्यास सत्र का आयोजन : ज्वा.अनु.नि. में पादप प्रजनन विषय में नए भर्ती हुए वैज्ञानिक - डॉ. सुनिल एस गोमशे तथा डॉ. के एन गणपति ने निदेशालय में चल रहे कार्यक्रमों के संबंध में प्राथमिक जानकारी प्राप्त करने के उद्देश्य से विभिन्न विषयों के सभी कार्य-दल के प्रमुखों तथा वैज्ञानिकों के साथ अभिविन्यास सत्रों में भाग लिया ।

ज्वा.अनु.नि. में नए वैज्ञानिक द्वारा कार्यभार ग्रहण : रा.कृ.अनु.प्र.अकादमी, हैदराबाद में अपना कृ.अनु.वै. प्रशिक्षण पूर्ण करने के पश्चात डॉ. के एन गणपति, वैज्ञानिक (पादप प्रजनन) ने 16 नवंबर 2009 को ज्वा.अनु.नि. में कार्यभार ग्रहण किया है ।

स्थानांतरण : ज्वा.अनु.नि. में हाल ही में कार्यभार ग्रहण किए डॉ. शशिभूषण चौधरी, वैज्ञानिक (पादप प्रजनन) को 13 दिसंबर 2009 को कार्यभार से मुक्त किया गया । उन्होंने सी.आर.आई.जे.ए.एफ; बैरकपुर में इसी पद पर कार्यभार ग्रहण किया है ।

आगंतुक

मेघालय के कृषक : हैदराबाद में विभिन्न अनुसंधान संस्थानों के निरीक्षण के दौरान श्री एम मारबैनिआंग, कृषि निरीक्षक, ईस्ट गैरो हिल्स, मेघालय ने 7 कृषकों तथा 2 कृषि अधिकारियों के साथ 24 नवंबर 2009 को ज्वा.अनु.नि. का दौरा किया ।

अमरावती ज़िले के कृषक : महाराष्ट्र के अमरावती ज़िले से आए कुल 52 कृषकों ने 18 नवंबर 2009 को ज्वा.अनु.नि. (रबी ज्वार केंद्र) सोलापुर का दौरा किया ।

पीएचडी छात्र : डॉ. पी वी केंचनगौडर, प्रधान वैज्ञानिक के नेतृत्व में कृषि महाविद्यालय, यू.ए.एस; धारवाड़ से दस पीएचडी छात्रों ने 12 नवंबर 2009 को ज्वा.अनु.नि. का दौरा किया ।

बी.एससी. छात्र : कृषि महाविद्यालय, केरल कृषि विश्वविद्यालय से 3 शिक्षण संकाय के दल तथा बी.एससी. अंतिम वर्ष के 40 छात्रों ने 16 नवंबर 2009 को ज्वा.अनु.नि. का दौरा किया ।

स्कूल के छात्र : श्री बी रमेश कुमार तथा 6 शिक्षण संकाय के सदस्यों के नेतृत्व में सैनिक स्कूल, आई.एस सदन, हैदराबाद तथा द लैसेयम स्कूल, मीरपेट, रंगारेड्डी ज़िले से 240 छात्रों ने 9 तथा 10 नवंबर 2009 को ज्वा.अनु.नि. का दौरा किया ।

निर्वाचन कार्य : निदेशालय के 50 स्टाफ सदस्य 23 तथा 26 नवंबर 2009 को हैदराबाद महानगर निगम के सदस्यों के चयनार्थ निर्वाचन कार्यों पर तैनात थे ।

ज्वार अनु.नि. में नाशी कीट नियंत्रण गतिविधियाँ : निदेशालय में ए.एम.सी. के अनुमोदनानुसार संस्थान की नाशी कीट नियंत्रण समिति के अध्यक्ष, डॉ. वी आर भागवत के पर्यवेक्षण में टेरमाइट तथा रोडेंट नियंत्रण (10 नवंबर 2009) तथा बीज भंडारण में फ्युमिगेशन (11 नवंबर 2009), नाशी कीट नियंत्रण गतिविधियाँ चलाई गई ।

व्याख्यान : डॉ. एस एस राव ने कृष्णा विश्वविद्यालय, मछलीपट्टनम में 26 नवंबर 2009 को *बायोटेक्नोलॉजी ऑफ बायोफ्यूल - करेंट स्टडीज एंड फ्यूचर नीड्स* विषय पर व्याख्यान दिया ।

तकनीकी कर्मचारियों के साथ निदेशक की बैठक : तकनीकी कर्मचारियों के कार्य-निष्पादन मूल्यांकन तथा कार्य योजना की समीक्षा हेतु संस्थान के निदेशक ने तकनीकी कर्मचारियों के साथ 06 नवंबर 2009 को एक बैठक का आयोजन किया ।

हिंदी सारानुवाद : डॉ. महेश कुमार



Dr. S N Shukla, ADG (FFC) making a point during the deliberations

stocks, network projects under AICSIP, collaborative project of ICAR-ICRISAT and NAIP projects. All scientists participated in the deliberations. The Chairman appreciated the overall efforts being made in developing new programme. The members were delighted to note increased number of quality research publications and recognitions to scientists at DSR. They further suggested the means of improving the quality of publications. The minutes are being finalized.

Launching of "Take-away packets of multigrain rotis"

DSR has organized the sale of multigrain roties in take away packets as part of their nutritious millet food popularization programme under NAIP. Director, DSR launched the multigrain *roti* sales at M/s. Bakers Point, a popular food court at Rajendranagar, Hyderabad on



Brisk sale of multigrain rotis at M/s Bakers Point



The team from DSR at the inauguration ceremony

November 17, 2009. Multigrain roti is made from blended

flour of millets and cereals viz. wheat (*gehu*), sorghum (*jowar*), finger millet (*ragi*) pearl millet (*bajra*) and soybean, a protein rich pulse. These *roties* are very good to have a control over body mass and to ensure balanced nutrition. Multigrain *roties* at DSR are made under hygienic conditions with automated high-capacity machinery specially acquired for this purpose. *Roties* are hygienically packed and sealed at controlled temperatures. These *roties* are ready-to-eat, and can be kept for 24 hours without refrigeration. DSR makes it possible for caterers, restaurants, and event planners to purchase in bulk at highly attractive prices under the promotional activity. Currently, these *roties* and other *jowar* products like Pasta, Noodles, Flakes, *Jowar* grain, *Rawa* are marketed by M/s Bakers Point, Hyderabad, Soon we are planning to make many more products available from various outlets across the twin cities.

Smart card identification system

DSR has introduced “Smart card personal identification system”, which can be used for identification, authentication, and data storage. Smart card is the youngest and cleverest one in the family of identification card. Its characteristic feature is in an integrated circuit embedded in the card, which has components for the transmission, storage and processing of data. Smart card offers many advantages compared to plastic ID cards with magnetic-strip, the information on these cards can be modified easily. One of the important advantages with smart card is that storage data can be protected against unauthorized access and modification. The smart card readers will replace the current biometric attendance machines at DSR and will be functional from December 1, 2009. It is a significant achievement towards development of suitable management information system. Soon the system will be used to control access to sensitive facilities like seed storage and transgenic glass house.



Orientation for new scientists

Drs. Sunil S Gomashe and KN Ganapathy, the two newly joined scientists at DSR in plant breeding discipline attended orientation sessions with all the task force leaders and the scientists in different disciplines to acquire the first-hand knowledge on ongoing programmes, the research issues and the problems and prospects in production, productivity and utilization of sorghum. They were appraised in detail about the current issues, cutting edge technologies, Intellectual property rights, seed production, DUS testing and plant variety protection. They were also appraised about technical and administrative issues, each ICAR scientist is expected to be familiar with. Dr. S Audilakshmi, Principal Scientist is organizing this orientation for newcomers.

New Scientist joins DSR



Dr. KN Ganapathy, joined as Scientist (Pl. Breeding) at DSR on 16, November 2009 after completing his FOCARS training at NAARM. His e-mail id is: ganapathy@sorghum.res.in. *Dr. Ganapathy - welcome to the sorghum family.*

Transfer

Dr. SB Choudhary, Scientist (Plant Breeding), who joined recently at DSR was relieved from his duties at DSR on 13 November, 2009. He has joined at CRIJAF, Barrackpur in the same capacity. His wife works at NSC, Kolkata, therefore his request transfer was approved by the Council.



Vigilance awareness week observed

DSR observed “Vigilance awareness week” from November 3 to 8, 2009. This event commenced with an oath taking



Staff of DSR taking the vigilance oath in unison

ceremony on November 3 as per Council’s guidelines. All the staff took a pledge in the national and regional languages to eradicate corruption in all spheres of life and also to perform duties without any favour and fear.

Distinguished visitors

Farmers from Meghalaya

Mr. M. Marbaniang, Agriculture Inspector, East Garo Hills, Meghalaya, along with 7 farmers and 2 agriculture officials visited DSR on November 24, 2009 as a part of their visit to various research organizations in Hyderabad. Dr. Chari Appaji narrated suitable improved kharif & rabi sorghum and sweet sorghum cultivars, seed availability & time of sowing along with their quality & yield parameters including cultivation practices.

Farmers from Amaravathi District

A total of 52 farmers from Amaravathi district, Maharashtra visited DSR (CRS) Solapur on November 18, 2009. The scientists at CRS Drs MS Raut, Prabhakar, Ashok Gadewar and Chari Appaji interacted with them. They learnt about the new cultivars for rabi season, management of sorghum diseases, package of practices to be followed for getting higher yields, and the value-added products of sorghum and avenues for their marketing.

Students

Ph.D. students: Ten Ph.D. students from College of Agriculture, UAS, Dharwad under the leadership of Dr. PV Kenchanagoudar, Principal Scientist visited DSR on November 12, 2009 as a part of their educational tour. Dr. AV Umakanth has given information on research and extension activities at DSR. They were also briefed on the application of modern tools of biotechnology and processes for preparation of value-added products from sorghum. The Director also had an informal chat with all students on their career development in the competition world. Mr. Promod Kumar, TO was also associated in managing this visit.

B. Sc. students: A team of 3 teaching faculty and 40 final year B.Sc. students from College of Agricultural, Kerala Agriculture University visited DSR on November 16, 2009. They were exposed to different aspects in sorghum such as genetics resources management, application of biotechnological tools in crop improvement, value-added products and alternate uses including sweet sorghum. Drs. SV Rao, S Audilakshmi, C Aruna and VR Bhagwat have assisted in enlightening the participants on various research activities of DSR.

Sainik school children: Total 240 school children from Hyderabad Sainik School, IS Sadan, Hyderabad and The



Mr. Pramod Kumar explaining the benefits of sorghum foods



Students keenly listening to the package of practices for cultivation of grain and sweet sorghum

Lyceum School, Meerpet, RR district under the leadership of Mr. B Ramesh Kumar, and 6 teaching faculty visited DSR in two spells on November, 09 and 10, 2009 as a part of their educational tour. Dr. SV Rao, In-charge Director narrated the research and other activities at DSR. This was followed by screening on package of practices to be

followed for cultivation of sorghum and sweet sorghum. The visit was facilitated by Dr. RR Chapke and Mr. Promod Kumar.

Municipal corporation election duty

A total of 50 staff of DSR was on the election duty to elect members to the House of Greater Hyderabad Municipal Corporation (GHMC), on 23 November, 09 and counting duty on 26 Nov, 09. They served as presiding officers and polling officers. Earlier, they also attended a two-day training programme conducted by the Election Commission to get acquainted with electronic voting machines and counting procedures. Because of this event DSR foundation day celebration had to be postponed.

Pest control activities at DSR

The following pest control activities have been undertaken as per approved AMC under the supervision of Dr. VR Bhagwat, Chairman, Pest Control Committee at the institute: Termite and Rodent control (10 November, 2009) and Fumigations in seed storages (11 November, 2009). This operation was undertaken through the Centre Warehouse Corporation (CWC), Hyderabad.

Invited lecture delivered

Dr. SS Rao delivered an invited lecture on "Biotechnology of biofuels - current studies and future needs" at Krishna University, Machilipatnam on 26 November, 2009. In another move, the Vice-Chancellor Prof. MK Durga Prasad has sought DSR cooperation in R&D, especially in the areas of biofuels and agricultural biotechnology including research support and guidance to the students. A proposal on MoU between two institutions is in pipeline.

Recognitions



Dr. CV Ratnavathi, Principal Scientist has been identified to review an article on fermentation of starches in "Journal of chemical technology and biotechnology", UK from Wiley publishers, UK.

She has been selected as an "Expert panel member" for biofuels under the Ministry of non-renewable energy sources, New Delhi to review a project on production of biofuels from sea weeds.

She has also been selected as on-line reviewer for 2010 for the "Journal of food science and technology" published by CFTRI, Mysore.

Dr. Chari Appaji has been recognized as "Advisor for disseminating sorghum technology through SMS" by NAARM, Hyderabad. The programme is jointly implemented in association with Dr. Sandhya Shenoy, PS at NAARM.



Meeting with Technical staff

The technical staff meeting with the Director was held on November 6, 2009, to discuss various issues including the system of periodic performance appraisals and review of

work-plans. A total of 20 staff members participated during the deliberations. The proceedings of the meeting are posted in the DSR intranet.

Crèche facility

A new crèche facility is available for employees of ICAR in the premises of Andhra Pradesh Academy of Rural Development (APARD), Rajendranagar, Hyderabad. For more details contact: Dr. EV Swarnalatha, CWCD. Cell 9000644023.

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

| S. No | Name of the Official | Participated in | Type | Venue | Dates |
|-------|--|--|------|----------------------------|---------------|
| 1 | N Seetharama & K Hariprasanna | Agharkar Research Institute | M | Pune | 10-11 Nov, 09 |
| 2 | TGN Rao & IK Das | 5 th International conference on "Plant Pathology in globalized era" | C | IARI, New Delhi | 10-13 Nov, 09 |
| 3 | N Seetharama | Presented an invited paper at AP Science congress | C | SV University, Tirupathi | 15-16 Nov, 09 |
| 4 | SS Rao | National symposium on "Medicinal and aromatic plants" organized by Central Institute of Medicinal Aromatic Plants (CIMAP). | S | IICT Auditorium, Hyderabad | 17 Nov, 09 |
| 5 | N Kannababu | Training programme on "Applications of genomics technologies in plant breeding" | T | ICRISAT, Patancheru | 16-27 Nov, 09 |
| 6 | KV Raghavendra Rao | Training programme on "IT- based decision support system for multimedia content development" | T | NAARM, Hyderabad | 17-27 Nov, 09 |
| 7 | N Seetharama, D Balakrishna & PG Padmaja | 7 th Pacific rim conference on "Bt technologies" | C | NASC Complex, New Delhi | 25-28 Nov, 09 |
| 8 | VA Tonapi | Seed planning and production review meeting | M | Bangalore | 24-25 Nov, 09 |

Official Tours

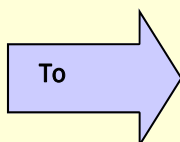
| S. No | Name of the Official | Place Visited | Dates | Purpose |
|-------|---|--|---------------|--|
| 1 | B Subbarayudu, A Lakshma Reddy and AP Singh | CRS, Solapur | 3-5, Nov, 09 | Record of Data in IPM trials and F ₇ S |
| 2 | HS Talwar | CRS, Solapur & Bijapur | 4-7 Nov, 09 | To organize rabi sowings at CRS Solapur and Bijapur centres |
| 3 | Pramod Kumar | Adilabad District. | 16-20 Nov, 09 | Collected data and information from farmers of kharif sorghum crop in Adilabad district. |
| 4 | G Shyam Prasad | OSN, Warangal | 17 Nov, 09 | to harvest segregating material (F ₃) of entomology crossing block and bring back threshed material of NCB |
| 5 | M Elangovan | Banaskanta, Patan & Kachchh Districts in Gujarat | 17-23 Nov, 09 | Monitoring of Germplasm trials at Deesa and collection of new germplasm. |
| 6 | N Seetharama | IIT, Gauhati | 19-21 Nov, 09 | To deliver guest lectures and to participate in the discussions. |
| 7 | SS Rao | Krishna University, Machilipatnam | 26 Nov, 09 | To deliver an invited lecture |

Thought for the month

Diplomacy is the art of letting someone else have your way.

Daniele Vare

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