



डी जी आर न्यूजलेटर

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Annual Rabi-Summer Groundnut Researchers' Group Meet at OUA&T, Bhubaneswar

The Annual Rabi-Summer Groundnut Researchers' Group Meet was held at OUA&T, Bhubaneswar from 2-3 November 2011. About 100 delegates participated in the meeting. The chief guest of the function was Sh. R. N. Mohanty, former Director of Agriculture and Food Production, Odisha and Sh. R. S. Gopalan, Director of Agriculture and Food Production, Odisha was the guest of honour. Dr. S. N. Nigam, Principal Groundnut Breeder, ICRISAT and Dr. S. F. D'Souza, Assoc. Director of Research, Biomedical Group, BARC, Trombay were the special invitees.

Prof. S. S. Nanda, Dean of Research, OUAT, Bhubaneswar in his address informed the house that the oilseeds research in Odisha was initiated as early as 1967 and got a further fillip in 1978. Average yield of groundnut in Odisha is 1600 kg ha⁻¹ while it is high (1800 kg ha⁻¹) in rabi-summer season. Non-adoption of improved technologies including varieties, non-availability of quality seeds, and submergence of the crop due to high rainfall in certain kharif groundnut areas are the major factors for low yields. He also highlighted the contributions of OUA&T in varietal development, inter-cropping, water and nutrient management, weed management and IPM.

Dr. J. B. Misra, Director DGR presented the highlights of groundnut research under AICRP-G and indicated the status of rabi-summer groundnut in India. He pointed out the potentiality of rabi groundnut in Odisha and summer groundnut in western UP, Mainpuri and its surrounding region. Dr. Misra stressed the need for developing technologies to advance sowing in the areas where low temperature prevails at the time of sowing and to escape high temperature stress at the later stages of the crop growth, and to protect the crop from unseasonal rains.

Dr. S. N. Nigam, Principal Groundnut Breeder, ICRISAT, urged the house to address the issue of declining trend of groundnut area. He suggested that improving the productivity of groundnut is the key to sustain the crop in the competitive race with other profitable crops like cotton, maize, etc. Dr. Nigam further suggested saturation of areas with improved varieties, backed up by assured seed supply and exploring the non-traditional areas for area expansion in groundnut for increasing groundnut production.

The Guest of honour, Sh. R.S. Gopalan, Director of Agriculture and Food Production, Odisha in his address stated that non-availability of seeds of improved varieties for rabi-summer sowing is the major constraint in Odisha which needs to be addressed along with efficient means of conversion of breeder seeds into certified seeds.

The Chief Guest, Sh. R. N. Mohanty, former Director of Agriculture and Food Production, Odisha called for a focused research for increasing rabi-summer groundnut cultivation. He urged the scientists to have a re-look into the increasing cost of cultivation and suggested that mechanization in groundnut may help in this area. The session ended with a vote of thanks by Dr. D. Parida, Groundnut Breeder, OUA&T, Bhubaneswar.

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Inauguration of Annual Rabi-Summer Groundnut Researchers' Group Meet

National Workshop of Stakeholders in Groundnut (15th December 2011)

Groundnut breeders, pathologists, entomologists and agronomists of AICRP-G centres, representatives of State Govts., KVK's, progressive farmers and other experts from seed companies, processors, exporters, scientists from BARC and DGR, Junagadh participated in the workshop to prioritize researchable issues for groundnut for 12th Five Year Plan Period at DGR, Junagadh on 15th December 2011.

Dr. R. Dey, Senior Scientist, DGR welcomed the participants and introduced the theme of the meeting. The function was inaugurated by Dr. C. J. Dangaria, Director of Research, JAU, Junagadh. Dr. Dangaria said that there is a need to identify technologies to improve production and productivity of groundnut so that farmers can get better remuneration. The appropriate strategies should be developed such as high yielding varieties, varieties resistant to both biotic and abiotic stresses, idio type for maximum input-use-efficiency, value addition, etc. There is also need for biotechnological approaches for improving productivity.

Dr. J. B. Misra, Director, DGR conveyed the purpose of the workshop to all the stakeholders and requested them to mention the constraints they were facing during production, processing and export, which in turn would help in identifying the future researchable issues.

In his remarks, Mr. Suresh Ramrakhiani, CEO, IOPEPC mentioned the interaction gap between industries and scientists. He mentioned that there is a need to understand each other's needs to make groundnut a profitable crop.

Mr. Khushwant Jain, Treasurer, IOPEPC presented the perspective on groundnut from the industrial point of view. He mentioned the requirements of exporters such as Aflatoxin-free and high oleic acid groundnut which have higher export potential. He also mentioned that some of the varieties such as Kadiri (K-6) and TAG-24 are susceptible to mould development in storage conditions. He asked the scientists to work on these areas so that Indian groundnut fetches more premiums in international market.

Representatives of State Govts., AICRP-G/BARC scientist and KVK's presented the scenarios of area, production and productivity of groundnut of their respective states and also mentioned the major constraints.



National Workshop of Stakeholders in Groundnut (15th December 2011)

Groundnut scientists and administrative staff of AICRP-G honoured

Dr. K. S. S. Naik, Senior Scientist (Plant Breeding), Agricultural Research Station, Kadiri has been selected 'The Best Agricultural Scientist of Acharya NG Ranga Agricultural University (ANGRAU)' for the year 2008 and has been presented the 'Sri Neelakantapuram Kaverappa Gold Medal' and a citation during the XXXXII Annual Convocation of ANGRAU, Hyderabad on 21st July 2010. The award was presented by the Director General, ICAR, Dr. S. Ayyappan.

Dr. K. Vemana, Senior Scientist (Plant Pathology),

Agricultural Research Station, Kadiri has been selected as eminent Plant Pathologist in Andhra Pradesh and presented the 'Sri Veerapaneni Narasimham Memorial award' for the year 2009. He received the Gold medal and a citation from the Eminent Scientist of International Repute, Dr. M. S. Swaminathan during XXXXIII Annual Convocation of Acharya NG Ranga Agricultural University (ANGRAU), Hyderabad on 30th December 2010.

Meritorious Incentive State Level Award for the Non-Teaching Employees has been conferred to Sh. B. Mohammed Rafi (Junior Accountant-cum-Typist) of AICRP-G at ARS, ANGRAU, Kadiri, Andhra Pradesh for his outstanding work on 15th August 2011.

DGR Scientists isolate and deposit beneficial microbial cultures with NBAIM repository

Twelve bacterial cultures isolated from rhizosphere and soil samples by two DGR scientists, Dr. K. K. Pal and Dr. R. Dey have been deposited with NBAIM, Mau for inclusion in National Agriculturally Important Microbial Culture Collection (NAIMCC). These cultures possess plant growth promoting properties. The nucleotide sequences of these 12 cultures were submitted to Gen Bank and the accession numbers JN391530-JN391541 were obtained.

Cultures deposited at National Agriculturally Important Microbial Culture Collection (NAIMCC), NBAIM, Mau

S. no.	Identity of culture	NAIMCC accession no.	Traits
1	<i>Bacillus subtilis</i> subsp. <i>subtilis</i> AMAAS 4	NAIMCC-B-00944	Gram positive, short, single, non-motile rod shaped bacterium having agriculturally important traits like, production of ammonia, ligninase and antifungal activity against groundnut soil borne pathogens like <i>S. rolsfii</i> , <i>A. flavus</i> , <i>A. niger</i> etc.
2	<i>Pseudomonas putida</i> AMAAS124	NAIMCC-B-00945	Gram negative, short, single, non-motile, rod shaped bacterium having agriculturally important traits like production of IAA, ammonia and ligninase etc.
3	<i>Stenotrophomonas maltophilia</i> AMAAS 137	NAIMCC-B-00946	Gram negative, short, single, non-motile rod shaped bacterium having agriculturally important traits like production of HCN, ammonia and ligninase.
4	<i>Stenotrophomonas maltophilia</i> AMAAS 143	NAIMCC-B-00947	Gram negative, short, single, motile, rod shaped bacterium having agriculturally important traits like production of IAA, chitinase, ammonia, ligninase and antifungal activity against groundnut pathogens like <i>A. niger</i> .
5	<i>Bacillus subtilis</i> subsp. <i>subtilis</i> AMAAS 156	NAIMCC-B-00948	Gram positive, short, single, motile, rod shaped bacterium having agriculturally important traits like production of ammonia, ligninase and antifungal activity against groundnut pathogens like <i>S. rolsfi</i> , <i>A. flavus</i> , <i>A. niger</i> etc.
6	<i>Bacillus subtilis</i> subsp. <i>subtilis</i> AMAAS 157	NAIMCC-B-00949	Gram positive, short, single, non-motile rod shaped bacterium having agriculturally important traits like solubilization of phosphate, production of ammonia, ligninase and antifungal activity against groundnut pathogens like <i>S. rolsfii</i> , <i>A. flavus</i> , <i>A. niger</i> etc.
7	<i>Bacillus subtilis</i> subsp. <i>subtilis</i> AMAAS 158	NAIMCC-B-00950	Gram positive, single, non-motile, rod shaped bacterium having agriculturally important traits like production of ammonia, ligninase, phosphate solubilisation and antifungal activity against groundnut pathogens like <i>S. rolsfi</i> , <i>A. flavus</i> , <i>A. niger</i> etc.
8	<i>Enterococcus cancerogenus</i> AMAAS 198	NAIMCC-B-00951	Gram negative, non-motile, rod shaped bacterium, having agriculturally important traits like siderophore production, ammonia production and ligninase activity.
9	<i>Stenotrophomonas maltophilia</i> AMAAS 223	NAIMCC-B-00952	Gram negative, non-motile, rod shaped bacterium, having agriculturally important traits like production of ammonia, ligninase, chitinase and antifungal activity against groundnut pathogen like <i>A. niger</i> .
10	<i>Bacillus licheniformis</i> AMAAS 353	NAIMCC-B-00953	Gram positive, short, single, motile, rod-shaped bacterium having agriculturally important traits like production of IAA, HCN, cellulose, ligninase and antifungal activity against groundnut pathogen like <i>A. flavus</i> .
11	<i>Enterobacter</i> sp. AMAAS 2	NAIMCC-B-00954	Gram negative, single, non-motile rod-shaped bacterium having agriculturally important traits like production of IAA, siderophore, ammonia and ligninase.
12	<i>Beutenbergia cavernae</i> AMAAS 46	NAIMCC-B-00955	Gram positive, single cocci, non-motile having agriculturally important traits like production of IAA, ammonia, and ligninase.

Training Programmes

Summer Groundnut Production Technology (4th to 8th July 2011)

A five-day training programme on 'Summer Groundnut Production Technology' was organized at DGR during 4th to 8th July 2011 for the extension functionaries of SIMA, Lucknow. Twenty-two trainees participated in the training programme.



Director DGR giving certificate to trainee

Training-cum-exposure programme (29th July 2011)

A one-day training-cum-exposure programme was organized for Farmers' Advisory Committee Members from Perambalur, Tamil Nadu on 29th July 2011 at DGR Junagadh. Twenty-two members participated in the programme.



Trainee farmers from Perambalur, Tamil Nadu visiting progressive farmers field in Junagadh

Training-cum-exposure visit (6th to 10th September 2011)

A programme for training-cum-exposure visit on 'Seed Production and Certification in Groundnut' was organized at DGR during 6th to 10th September 2011 for seed producers from Odisha. Thirty-two seed producers attended the training programme.



Seed producers from Odisha in DGR field, (Inset: Director DGR along with other dignitaries on the dais)

Model Training Course (12th to 19th October 2011)

A Model Training Course on 'Improved Technologies for Sustainable Production of Groundnut' was organized at DGR during 12th to 19th October 2011 for the officers of various state agriculture departments. Seventeen officers including five from Andhra Pradesh, one each from Arunachal Pradesh and Chhattisgarh, three each from Gujarat and Karnataka, two each from Odisha and Rajasthan attended the training programme.



Officers from state agriculture departments at DGR field (Inset: from left, Director DGR and Dr. A. P. Mishra)

Orientation-cum-training programme (17th to 19th October 2011)

A three day training programme on maintenance, evaluation of germplasm and pre-breeding in groundnut has been organized at DGR, Junagadh from 17th to 19th October 2011 for the benefit of newly joined scientist of DGR and AICRP-G. There were ten participants, three from RRS, Vridhachalam and seven from DGR, Junagadh.

The content of the training programme included systematic and botany of groundnut, hybridization techniques, utilization of wild *Arachis* species and pre-breeding, improved agro- production and protection technologies, bio-fertilizers, nutrient management and farm implements. The participants were also exposed to the statistical software like MSTAT-C and Windows Stat for analysis of Plant Breeding data. Visit to Gene Bank, DGR and JAU experimental plots, and laboratories (Biotechnology and Microbiology) were also arranged.



Inauguration of orientation-cum-training programme

Training programme for application of polythene mulch technology (8th and 9th December 2011)

A training programme on “Application of polythene mulch technology in groundnut production” was organized on 8th and 9th December 2011 at DGR Junagadh. The training was sponsored under Integrated Scheme of Oilseeds, Pulses, Oilpalm and Maize (ISOPOM) by Ministry of Agriculture, Department of Agriculture & Cooperation, Govt. of India. The purpose of training is to enhance the awareness among the extension workers of major groundnut growing states on the potential of polythene mulch in enhancing productivity of groundnut. In all, there were 20 participants from six states.

The chief guest for the training was Dr. A. M. Parakhiya, Director, Extension, JAU, Junagadh. At the inaugural session, Dr. Parakhiya expressed his concern over replacement of area under groundnut in Gujarat state by Bt cotton and by some other crops in the other groundnut growing states. He hoped that for attaining high productivity, application of polythene mulch may play a crucial role, and thus help to enhance domestic groundnut production to meet the ever-growing demand of edible oil in the country.

Dr. J. B. Misra, Director, DGR, Junagadh, in his introductory remarks, informed the participants that how the productivity of groundnut in China had increased dramatically in the last decades due to application of polythene mulch.

Dr. N. K. Jain, Principal Scientist and Course Director outlined the schedule of the training. All the trainees were provided soft copies of various lectures on a CD besides a hand-operated hole making device (for making holes in the polythene sheet for sowing). At the end, a post-training evaluation was conducted which indicated significant improvement in the knowledge of the participants.



Subject matter specialists from different states learning the polythene mulch technology at DGR

Training for SHG members at Goa (4th and 5th November 2011)

The training on 'Groundnut Processing for Self Employment' was organized by KVK, Goa, for imparting vocational training on value addition in groundnut for self-help group members. Ms. S. Chauhan (T7-8, DGR, Junagadh) demonstrated different groundnut preparations i.e. *Barafi*, *Sing bhujiya*, Groundnut flakes and Groundnut *Chhole* to approximately 70 participants from different villages of Goa. She also explained the preparation methods for other groundnut based preparations viz., Groundnut butter, Groundnut Milk, *Sago Khir*, *Vada*, *Peda*, Salted Groundnut, *Chicki*, Groundnut hot and sour soup and Groundnut *annarsa*.



Ms. S. Chauhan (T 7-8, DGR) imparting training to SHG workers at KVK, ICAR Research Complex for Goa

मूँगफली अनुसंधान निदेशालय, जूनागढ़ पर आयोजित हिन्दी-सप्ताह, 2011 (22 से 29 सितम्बर, 2011): एक रिपोर्ट

प्रत्येक वर्ष की भांति इस वर्ष भी इस निदेशालय में हिन्दी सप्ताह बड़े ही उत्साहपूर्वक मनाया गया। इस वर्ष चार प्रतियोगिताओं (वाद-विवाद, आशुभाषण, निबंध एवं सामान्य हिन्दी ज्ञान प्रतियोगिता) का आयोजन डॉ. मनेश चन्द्र डागला, हिन्दी अधिकारी द्वारा संचालित किया गया। सभी प्रतियोगिताओं को दो समूहों हिन्दी भाषी एवं अहिन्दी भाषी में विभाजित किया गया। तथा प्रत्येक समूह में प्रत्येक प्रतियोगिता के लिए प्रथम, द्वितीय एवं तृतीय स्थान पर आनेवाले प्रतिभागियों को पुरस्कार द्वारा सम्मानित किया गया। सभी अन्य प्रतिभागियों को सांत्वना पुरस्कार दिया गया।

दिनांक 28 सितम्बर 2011 को संसदीय राजभाषा समिति द्वारा हमारे निदेशालय का राजभाषा के संबंध में निरीक्षण भी किया गया। इस मौके पर भा.कृ.अनु.प. की तरफ से डॉ. बी. बी. सिंह, सहायक महानिदेशक (तिलहन एवं दलहन), डॉ. मदन मोहन, सहायक महानिदेशक (मत्स्य) एवं डॉ. हरीश चन्द्र जोशी, निदेशक (राजभाषा) उपस्थित थे। दिनांक 29 सितम्बर 2011 को हिन्दी सप्ताह का समापन समारोह एवं पुरस्कार वितरण किया गया। इस अवसर पर उपरोक्त अतिथिगण भी उपस्थित थे। कार्यक्रम का संचालन श्री एच. एम. हींगराजिया (तकनीकी अधिकारी) द्वारा किया गया। सर्वप्रथम माननीय निदेशक महोदय द्वारा आये हुए अतिथियों का शाल एवं गुलदस्ता देकर हार्दिक स्वागत किया गया।

पुरस्कार वितरण समारोह के पश्चात माननीय निदेशक महोदय ने आश्वासन दिया कि अगले छः महीने में कार्यलय में सभी कामकाज हिन्दी भाषा में होने लगेंगे। इसके बाद डॉ. मदन मोहन ने हम सबको आगे प्रगति करने की शुभकामनाएं दी। डॉ. बी. बी. सिंह ने निदेशालय को हर जरूरत के क्षेत्र में आगे प्रगति करने की प्रेरणा दी तथा स्पष्ट किया कि राजभाषा के किसी भी संवैधानिक नियम का उल्लंघन नहीं होना चाहिए। इसके बाद श्री हरीशचन्द्र जोशी ने अपने सुझाव राजभाषा के बारे में दिये।

उसी दिन निदेशालय पर हिन्दी कार्यशाला का आयोजन किया गया, जिसमें श्री हरीशचन्द्र जोशी ने एक पावरपॉइंट प्रस्तुति दी और राजभाषा के नियमों से हम सबको अवगत करवाया। तत्पश्चात प्रश्नोत्तर द्वारा सभी कर्मचारियों के राजभाषा संबंधित संदेह दूर किये गये। इसके बाद निदेशक महोदय ने आये हुए अतिथिगणों का अपनी तथा पूरे निदेशालय की तरफ से धन्यवाद ज्ञापित किया।

ऐसा इस निदेशालय के इतिहास में पहले कभी नहीं हुआ जिसमें हिन्दी दिवस/सप्ताह/मास में संसदीय समिति द्वारा निरीक्षण तथा समापन समारोह पर दो सहायक महानिदेशकों तथा निदेशक राजभाषा उपस्थित हों। अंत में हिन्दी अधिकारी द्वारा डी.जी.आर. के सभी सदस्यों का धन्यवाद किया गया। इस तरह यह पूरा कार्यक्रम एक सप्ताह के लिए बहुत ही उल्लास, उमंग, प्रेम, सहृदयता एवं जिम्मेदारी के साथ मनाया गया।



Institute Seminars

Name/Designation	Topic	Date
Dr. K. Chakraborty, Scientist, Plant Physiology	Climate Change and its Impact: a physiological perspective	23 rd September 2011
Dr. Thirumalaisamy P. P., Scientist, Plant Pathology	Current Status of Bud Necrosis Virus in groundnut	1 st October 2011
Dr. H. N. Meena, Scientist, Agronomy	Management of soil and water salinity for crop production	20 th October 2011

Transfers

Dr. G. Govindaraj, Scientist, was relieved from this Directorate on 8th November, 2011, upon his transfer to PDADMAS, Bangalore.

Resignation

Shri M. H. Kava, LDC, resigned from DGR, Junagadh w.e.f. 3rd September 2011.

Visitors

Name	Designation	Date of visit
Dr. B. B. Singh	ADG (O&P)	29 th September 2011
Dr. Madan Mohan	ADG (Fisheries)	29 th September 2011
Dr. Harish Chandra Joshi	Director (Hindi), ICAR	29 th September 2011

Sports

Mrs. Madhuben Vaghasia, Assistant, DGR participated in chess tournament from Junagadh district in the Khelmahakhumb 2011 held during 28th November to 23rd December 2011.

Obituary

Mr. R. V. Purohit, SSS left for his heavenly abode on 16.7.11 after serving this directorate for 25 years.

Honours/Awards

Dr. A. L. Singh received 'J. J. Chinoy Gold Medal 2011' in National seminar on 'Sustainable crop productivity through physiological intervention' at Ramnarain Ruia College, Mumbai, 24th to 26th November 2011 from Indian Society for Plant Physiology (ISPP), IARI, New Delhi.



Dr. K. Chakraborty, received 'Young Scientist Award' in National seminar on 'Sustainable crop productivity through physiological intervention' at Ramnarain Ruia College, Mumbai, 24th to 26th November 2011 from Indian Society for Plant Physiology (ISPP), IARI, New Delhi.



Training/ Symposia/Meeting attended

Name	Programme	Venue	Date
Dr. R. Dey and Dr. D. Bhaduri	National Consultation on 'Gender Perspective in Agriculture'	NASC complex, Delhi	8 th and 9 th August 2011
Dr. D. Bhaduri	Short course on 'Cropping system models-Applications in land resource management'	ICRISAT, Hyderabad	5 th to 9 th December 2011
Dr. K. Chakraborty	Training on 'Climate variability and its Impacts on crop production-physiological perspective towards mitigation strategies'	Assam Agricultural University, Jorhat	23 rd August to 12 th September 2011
Dr. K. Chakraborty and Dr. K. A. Kalariya	Brainstorming session on 'Plant physiology and biochemistry'	IARI, New Delhi	5 th and 6 th August 2011
Dr. K. Chakraborty	Meeting of ICAR Seed Platform	ANGRAU, Hyderabad	17 th December 2011
Mr. Harish G.	Short course on 'Introduction to Biosystematics of Insects, Mites, Spiders and their Biodiversity'	NBAII, Bangaluru	14 th to 23 rd November 2011
Mr. Harish G.	National Meeting on 'Agricultural Entomology for the 21 century: The way Forward'	NBAII, Bangaluru	25 th and 26 th August 2011
Mr. Harish G., Mr. Nataraja M.V., Dr. K.S. Jadon, Dr. K. Chakraborty and Dr. D. Bhaduri	Orientation cum training programme on 'Maintenance, evaluation of germplasm and pre-breeding in groundnut'	DGR, Junagadh	17 th to 19 th October 2011
Dr. K.A. Kalariya and Mr. S.K. Bishi	Winter School on 'Training on instrumental techniques in agriculture and food quality assessment'	JAU, Junagadh	1 st to 21 st October 2011
Dr. K. K. Pal	Seminar on 'Emerging Trends in Microbial Interactions & Challenges in Human Health'	Nirma University, Ahmedabad	11 th and 12 th October 2011
Dr. Narendra Kumar	Winter School on 'Breeding for Biotic and Abiotic Stresses in Crop Plants: Problems and Perspectives'	TNAU, Coimbatore	9 th to 29 th November 2011
Dr. K. S. Jadon	Training on 'Diagnostics, Genomics, Implications and Integrated Management of Plant Pathogens'	AAU, Anand	2 nd to 22 nd November 2011
Dr. A. L. Singh and Dr. Radhakrishnan T.	Training on 'Management Development Programme on Leadership Development' (a pre-RMP Programme)	NAARM, Hyderabad	1 st to 21 st November 2011
Dr. A. L. Singh and Dr. K. Chakraborty	National seminar on 'Sustainable crop productivity through physiological intervention'	Ramnarain Ruia College, Mumbai	24 th and 26 th November 2011
Dr. K. K. Pal and Dr. R. Dey	National Symposium on 'Resource Utilization through Integrated Farming System and Biodiversity Conservation in Drylands'	RRS, CAZRI, Kukma	20 th to 22 nd December 2011
Dr. Ajay B. C.	Training on 'Groundnut Breeding methodologies and seed systems'	ICRISAT, Hyderabad	19 th September to 18 th October 2011
Dr. Ajay B. C.	Training on 'Bioinformatics – DNA sequencing'	GKVK, UAS, Bengaluru	9 th to 22 nd November 2011
Dr. N. K. Jain, Dr. K. Chakraborty, Dr. D. Bhaduri, Dr. Narayanan G. and Dr. Narendra Kumar	Annual Rabi-Summer Groundnut Researchers Group Meeting	OUA&T, Bhubaneswar	2 nd and 3 rd November 2011
Dr. Chuni Lal	Annual review meeting of ICAR Seed Project	IARI, New Delhi	19 th and 20 th September 2011
Dr. Narendra Kumar	Visiting Fellow under Dr. S.N. Nigam on 'Groundnut Breeding Methodologies and Seed Systems'	ICRISAT, Hyderabad	19 th September to 18 th October 2011
Mr. Nataraja M. V. Dr. Narayanan G.	Sixth National Conference on Krishi Vigyan Kendra	JNKV, Jabalpur	3 rd to 5 th December 2011
Dr. K. S. Jadon	Winter school on 'Diagnostics, Genomics, Implications and Integrated Management of Plant Pathogens'	AAU, Anand	2 nd to 22 nd November 2011

Our New Colleagues



Shri Rajendra S. Garhwal
Technical Assistant, T-3
Joining : 6th July 2011



Shri Lokesh Kumar
Technical Assistant, T-3
Joining : 9th August 2011



Shri. Anil K. Maurya
Technical Assistant, T-3
Joining : 2nd August 2011



Mr. Nataraja M.V.
Scientist, Entomology after completing
93rd FOCARS at NAARM, Hyderabad
from April 27 to August 24, 2011
Joining : 2nd September 2011



Dr. Ajoy Saha
Scientist, Agricultural Chemistry after
completing 93rd FOCARS at NAARM,
Hyderabad from April 27 to August 24,
2011
Joining : 3rd September 2011



Dr. Narayanan G.
Scientist, Extension after completing 93rd
FOCARS at NAARM, Hyderabad from
April 27 to August 24, 2011
Joining : 5th October 2011



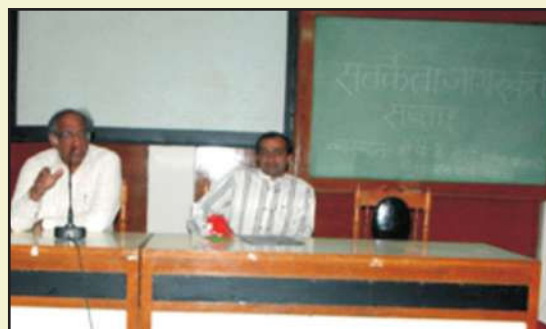
Sh. Murlidhar Meena
Scientist, Agril. Economics after
completing 94th
FOCARS at NAARM, Hyderabad from
September 15 to December 14, 2011
Joining : 24th December 2011

The DGR welcomes the new entrants and wishes them a successful career.

Photo Gallery



15th October 2011: Rajasthan groundnut growers visit to DGR



5th November 2011: Shri P. K. Joshi (Vigilance Officer, BSNL, Junagadh) with Dr. J. B. Misra (Director, DGR) on the occasion of vigilance awareness week at DGR



23rd December 2011: DGR's participation in Farmers' day at KVK Kodinar



29th December 2011: Farmers' from Saurashtra region learning polythene mulch technology at DGR

Editors : Rinku Dey, G. P. Mishra, K. K. Pal and J. B. Misra

Photo Credit : A. M. Vakhariya

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