



# IAUA



# NEWS

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## SPOT NEWS

### IAUA Executive Committee, 2013

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Dr. V.K. Taneja

## NEW VICE - CHANCELLORS

### Prof. A. K. Srivastava gets second term at NDRI, Karnal

Prof. Anil Kumar Srivastava was granted second term of 5 years as Director, National Dairy Research Institute, Karnal from 25 April, 2013 to 24 April, 2018.

Prof Srivastava is President, National Academy of Dairy Science; Secretary-General, Indian Agricultural Universities Association, and was also Secretary, National Academy of Agricultural Sciences. He is President, Indian Society of Veterinary Pharmacology and Toxicology. He is also President, Probiotic Association of India; Chairman, Sub-group of Planning Commission Advisory Committee on Processing and value addition of milk and milk products; Chairman, FAD 19 Bureau of Indian Standards Committee; Member, DBT Task Force on Biotechnological approaches for food and nutritional security, and also of Animal Biotechnology.

Prof Srivastava is a Fellow of National Academy of Agricultural Sciences, National Academy of Veterinary Sciences, National Academy of Dairy Sciences, Indian Association for Advancement of Veterinary Research, Society of Toxicology, Society of Environmental Sciences, Society of Sciences, International Society for Ecological Communications. He is a Member of National Academy of Sciences and International Society for Noni Science. He received numerous awards and honours including as well as German Academic Exchange Fellowship; ICAR Jawaharlal Nehru Award; International NOCIL Award; "National Alarsin Award"; Rashtriya Vidya Saraswati Puraskar, Indira Gandhi Excellence Award; German Academic Exchange Fellowship and gold medals of Indian Science Congress Association, Indian Association of Science and Technology and Indian Society of Veterinary Pharmacology & Toxicology. He was founder chief Editor, Indian Journal of Veterinary Pharmacology and Toxicology; Member, Advisory Board, Toxicology International; Member, Editorial Board, Journal of Current Sciences; Councilor, Punjab Academy of Sciences; and Member, J&K Council of Science and Technology.

### Prof A.C. Varshney takes over as VC

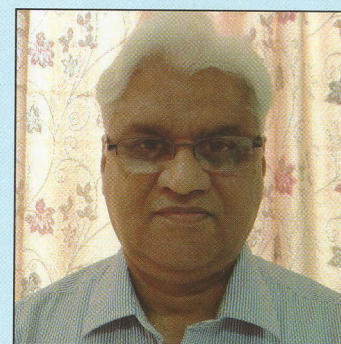
Prof. A. C. Varshney joined as VC, Pt Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidyalaya evam Go-Anusandhan Sansthan, Mathura (U.P.) on 20 February 2013. Prior to that he was VC, DUVASU, Mathura. Prof Varshney worked as Dean, College of Veterinary Sciences and Animal Husbandry, CAU, Aizawl, Mizoram (since 1 September 2012); and Dean, College of Veterinary and Animal Sciences, CSKHPKV, Palampur. He had a long record of distinguished service as teacher and research worker, first at G.B. Pant University of Agriculture and Technology, Pantnagar for more than 10 years, and then at Himachal Pradesh Agricultural University for about 22 years as Associate Professor, Professor and then Dean of the



Dr. A.K. Srivastava



college. As Professor and Head, raised the department of Surgery and Radiology, as one of the best developed department in terms of academic and research programmes and clinical services in the country with post graduate programmes and Ph.D. work. Dr Varshney has a brilliant academic record as a student as well as a teacher and scientist and published 13 postgraduate theses and 160 research articles. Soft tissue and fracture repair, treatment of osteomyelitis, traumatic arthritis and gastric ulcer, regional and general anaesthesia, and the application of surgical technology for improving meat quality are a few of his valuable contributions to veterinary science. He was Vice-President and Convener, XXI Annual Congress and National Symposium. He organized clinical camps in the entire state of Himachal Pradesh including the tribal areas like Pangi, Bharmour, Kinnaur, Lahaul and Spiti valley and Sirmour district. He visited a number of countries including Switzerland, Germany, China, Thailand and Pakistan. Presently, he is Fellow of Indian Society for Veterinary Surgery (ISVS), Indian Association for Advancement of Veterinary Research and National Academy of Veterinary Sciences. He is a member of International society for Noni Science.



Prof. A.C. Varshney

## Focus on Universities: Events and Achievements

### Deemed-to-be-Universities

#### INDIAN AGRICULTURAL RESEARCH INSTITUTE, NEW DELHI

##### Convocation 2013

The 51st convocation of Post graduate School of the IARI was held on 15 February 2013. H.E. Shri Tejendra Khanna, Lt. Governor, NCT of Delhi, was the chief guest; Dr S. Ayyappan, Secretary, DARE and DG, ICAR presided over the function. Dr H.S. Gupta, Director in his welcome address highlighted the salient achievements of the institute. Dr H.S. Gaur, Dean and Joint Director (Edn), presented the report on the education, training and HRD activities of the institute.

Shri Khanna in his convocation address covered the scientific, moral and spiritual aspects of life. He advised the students to use their knowledge for the upliftment of the people, particularly the farmers.

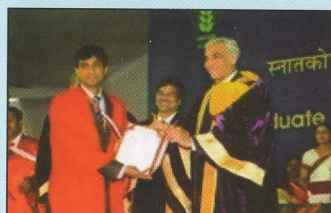
During this Convocation 208 students (100 M.Sc., 100 Ph.D. and 8 M.Tech.) were awarded degrees, which included 9 international students. One student each in M.Sc. (Shri Bappa Das of Agricultural Physics) and Ph.D. (Dr Sudipta Paul of Agricultural Extension) were awarded Best Student of the Year Award. Five students each in M.Sc. and Ph.D. received IARI Merit Medals.

Best Teacher Award for their outstanding efforts in teaching and guidance to four faculty members viz. Dr S.K. Jha (Post Harvest and Technology), Dr S.P. Datta (Soil Science and Agricultural Chemistry), Dr Anil Dahuja (Biochemistry) and Dr Sharad Mohan (Nematology). During the convocation, the chief guest presented the following prestigious institute awards:

- Hooker Award for the biennium 2010-11 to Dr Ashok Kumar Patra, Principal Scientist, Division of Soil Science and Agricultural Chemistry, IAI, New Delhi.
  - Dr B.P. Pal Memorial Award for the year 2012 to Dr D.K. Yadava, Principal Scientist, Division of Genetics, IARI, New Delhi.
  - Hari Krishna Shastri Memorial Award for the year 2012 to Prof. K. N. Tiwari, Professor, Department of Agricultural and Food Engineering, Indian Institute of Technology, Kharagpur.
  - Rao Bahadur Dr B. Viswa Nath Award for the Biennium 2010-11 to Dr (Mrs.) Shailaja Hittalmani, Professor, Genetics and Plant Breeding, Agriculture College, UAS, GKVK, Bangalore.
- On this occasion 21 IARI varieties of different crops and 2 publications of PG School, IARI were also released.

##### 43rd Lal Bahadur Shastri Memorial Lecture

This series of annual lectures was initiated by the IARI, in 1968 as a mark of respect to one of the most illustrious of son of India and its second Prime Minister of independent India, late Shri Lal Bahadur Shastri. The 42nd Lal Bahadur Shastri Memorial Lecture was delivered by Dr M.K. Bhan, former Secretary, Department of Biotechnology, Government of India, on 14 February 2013 on the emerging topic 'Science innovation and future food and nutrition security'. Dr C.R. Bhatia, former Secretary, Department of Biotechnology, Government of India, presided over the



function.

#### NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL

##### 'Swarn': a male cloned buffalo calf

A male cloned buffalo calf named 'SWARN' produced through the new and advanced 'Hand-guided Cloning Technique' on 18 March 2013. The calf was born by normal parturition, and its weight at the time of birth was around 55 kg. The new-born calf is in good health and has started sucking milk. The team of research scientists viz. Dr S.K. Singla, Dr M.S. Chauhan, Dr R.S. Manik, Dr P. Palta, Dr Shiv Prasad, Dr Naresh Selokar and Ms Monika Saini pointed out that this cloned buffalo calf is unique and is different from the earlier clones because in this case the donor somatic cell used was isolated from the seminal plasma of a bull that is currently being used for donating semen at Animal Breeding Research Centre of NDRI, Karnal.

Dr A.K. Srivastava, the Director emphasized that there is an acute shortage of outstanding bulls, and that this achievement may enable us to decrease the gap between the demand and supply of these bulls in the shortest possible time.

##### "Mahima" born from cloned buffalo "Garima"

The NDRI succeeded in producing a female calf from the cloned buffalo Garima. The new-born female calf was named 'Mahima'. It is the first calf in the world born from cloned buffalo, through hand-guided cloning technique. Mahima born on 25 January 2013 (at 1.51 pm) by normal parturition, it weights 32 kg. "Mahima" is in good health and has started suckling milk within 30 min. of birth. Garima produced on 22 August 2010 by NDRI attained early sexual maturity at 19 months of age compared with her contemporaries (around 28 months) and was inseminated with frozen-thawed semen of a progeny-tested bull of NDRI No. 1875 on 27 March 2012, which resulted in conception.

#### SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES, ALLAHABAD

##### Prof Rajendra B. Lal, VC, SHIATS, elected President of AIU

Prof Rajendra. B. Lal, VC, SHIATS (formerly Allahabad Agricultural Institute - a deemed university), Allahabad was unanimously elected National President of Association of Indian Universities on 5 May 2013 during the 87th annual meeting at DDU, Gorakhpur University, Gorakhpur. The AIU has 417 universities as members, including deemed universities, state universities and central universities.

Prof Lal is former President, Indian Agricultural Universities Association and President, All India Association of Christians Higher Education, New Delhi. He is also honorary Vice-President of All India Ecumenical Council for educational institutions. He has been on number of significant committees of the UGC and the ICAR.

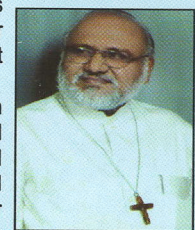
Prof Lal was born on 4 March 1956 in Sonhar village of district Etah in U.P. He did B.Sc. and M.Sc. from Allahabad University in 1976 and 1978 respectively. He began his professional career as Agricultural Officer in nationalized bank but later joined Allahabad Agricultural Institute as faculty member in 1980. He did Ph.D. from Kanpur University in 1983. He completed doctoral program with an honour as a Sigma Gamma Delta Scholar at Kansas State University (KSU), Manhattan, USA.



Buffalo calf Swarn



MAHIMA



Prof. (Dr.)  
Rajendra B. Lal



He was awarded post-doctoral fellowship at KSU, the USA. His areas of specialization are water quality, soil and environmental pollution, irrigation management, soil physics and environment management. He rejoined Allahabad Agricultural Institute on 11 June 1991. In 1992 he was appointed as the Director of AAI. He made dedicated efforts for all round development of the institute, and finally University Grants Commission, Ministry of Human Resource Development, Government of India declared AAI a Deemed University in the year 2000, and Dr Lal was appointed its first VC.

The prominent awards bestowed upon him are STEP Award by Soil Science Society of America, the USA, Olson Award, KSU, the USA (1988); Fellow, Bio-Ved Research Society (1995); Fellow, Indian Society of Agricultural Chemists (1997); Educational Pioneer Award (2000); Jai Jawan Jai Kisan Award (2001), Vidya Bhushan Award by Indian Press Council (2004); and Fellow Award at the 4th National Extension Education Congress (2007).

## Universities

### ASSAM AGRICULTURAL UNIVERSITY, JORHAT

#### Agri-Horti show 2013

The Department of Agriculture, Directorate of Horticulture and Fruit Protection and Assam Horticulture Society organized the I mega Agri-Horti show 2013 at Veterinary Science college playground, Khanapara during 20-25 Feb, 2013. Shri Tarun Gogoi, CM of Assam, visited the exhibition stall, wherein he was briefed about the technologies developed by the AAU.



#### Workshop on Sericulture

A workshop on "Strategy for Improvement of muga and eri silk production" was organized by Directorate of Extension Education, in collaboration with Department of Sericulture, Government of Assam and NABARD on 1 March 2013 at College of Veterinary Science, Khanapara campus. Dr K. M. Bujarbaruah, VC in his welcome address stressed the need for Sericultural College to foster sericulture development in Assam, since this sector has immense potentiality for poverty alleviation as well as employment generation. Shri Tarun Gogoi, gracing the inaugural session as chief guest, opined that the handloom and the textile and sericulture sector need to be modernized. He pointed out that Green economy can be a boon for the state.



#### Symposium on buffalo for food security

A national symposium on "Buffalo for sustainable food security", organized jointly by Indian Society for Buffalo Development and AAU, was held at College of Veterinary Science auditorium, Khanapara during 15-16 March 2013. Dr A.K. Srivastava, Director-cum-VC, NDRI, Karnal inaugurated it. Dr K. M. Bujarbaruah, VC, AAU, presided over the inaugural ceremony. More than 120 delegates from different parts of the country participated in the symposium.

#### Seminar on climate change

A national seminar on "Climate change and climate resilient agriculture" was held at BN College of Agriculture, Biswanath Chariali during 18-19 March 2013. It was organized by Agromet Advisory Service Unit, Sonitpur, in collaboration with AICRP for Dryland Agriculture and sponsored by Ministry of Earth Science, Government of India. Dr K.M. Bujarbaruah, VC, presided over the inaugural session. Dr Y.S. Ramakrishna, former Director, CRIDA, Hyderabad, was the chief guest.



#### Award to VC

Dr K. M. Bujarbaruah, VC, received Dr N. N. Dastur oration award of NDRI in his oration lecture. The award carries a certificate, citation and cash. The NDRI gives this award to the outstanding scientist who makes distinguished contribution to agricultural sciences.



#### Award in insect photography competition

The AINP on Whitegrubs and other soil Arthropods, AAU, Jorhat centre bagged the "Consolation first prize" in International Insect Photography contest-cum-Exhibition organized by Department of Entomology, UAS, Bangalore and Indian Society for Advancement of Insect Science, Ludhiana. The event was held at UAS, Bangalore during 14-17 February, 2013.



### Exhibition at Assam Sahitya Sabha

The KVK, Barpeta under the aegis of AAU participated in Art and Science Fare at the 72nd session of Assam Sahitya Sabha during 31 Jan to 5 Feb. 2013. The technologies developed by AAU in the field of agriculture, veterinary, fisheries and home science were exhibited through live models and samples at the exhibition.



#### Farmers' day

The AICRP on Tuber Crops (other than potato), AAU, Jorhat celebrated the Farmers' day on 27 Feb. 2013 at Horticultural orchard, AAU, Jorhat. Dr K. M. Bujarbaruah, VC inaugurated it in the presence of more than 400 farmers from Golaghat, Jorhat and Sonitpur districts. Dr James George, Programme Coordinator, AICRP, Tuber Crops, presented the keynote address.



CH. SARVAN KUMAR KRISHI VISHWAVIDYALAYA, PALAMPUR

#### Training on 'Communication management for media and public relations'

A training on 'Communication management for media and public relations' for the scientists was conducted at CSKHPAU during 7-8 February 2013. Around 36 scientists from farm science centres, research stations and departments took part in the training. Sponsored by the ICAR. The training was inaugurated by Dr K.K. Katoch, Director of Extension Education. Senior journalist Mr. Jitender Awasthi said that effective communication was as important as good science.

#### ATMA interface

An interface meeting under Agricultural Technology Management Agency was organized by Directorate of Extension Education, of the university and State Department of Agriculture, on 22 February 2013. Dr J. C. Rana, Director of Agriculture, H.P. advised that the details of all the crop demonstrations laid in winter (rabi) and rainy (kharif) seasons should be presented with proper data, to judge the impact of such demonstrations in the respective areas. Dr K. K. Katoch, Director of Extension Education, discussed the problems in transfer of technology and their remedial measures.



#### Alert for yellow rust in wheat

A team of Senior Plant Pathologist from Rice and Wheat Research Centre at Malan, and Agriculture Officers from ATMA, Palampur in a recent survey and surveillance tour noted the presence of yellow rust in the wheat crop. It has started appearing on susceptible wheat varieties viz. HS 240, HS 295, PBW 502, PBW 373, PBW 343, VL 616, RAJ 3765, WH 711 etc. in the farmers' fields in Dehra, Praggur and Nagrota Surian blocks in Kangra district.

DR BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH, DAPOLI

#### Konkan Kanyal goat

Konkan Kanyal, a goat breed developed by DBSKKV, Dapoli was registered with National Bureau of Animal Genetic Resources, Karnal (Haryana). Its registration number is India-Goat-1100-KonkanKanyal-06022. Konkan Kanyal has been developed specially for mutton purpose. Its mutton recovery at the age of 1-1½ years is 53.00 per cent. The newly borne male kid weighs 2.23 kg whereas female kid weighs 2.05 kg. The buck and at the age of 1 year doe weigh 25 and 21 kg respectively. The average weight of full-grown buck is 50 kg and that of doe is 32 kg. The doeling of this breed comes in heat at the age of 11 months and gives first calving at 17 months. The twinning percentage is 40. Average milk production per lactation is 60 liters and the lactation period is of 97 days. Average daily milk yield is 0.6 liters, and its dry period lasts for 84 days. The mortality rate is negligible.



#### National-level fruit-crop nurseries

The availability of quality planting material is a prerequisite to the success of horticulture initiatives. To ensure the genuineness of quality planting material, the Government of India has identified National Horticulture Board as the accrediting agency for recognition of horticulture nurseries. The committee appointed for this purpose inspected 6,000 such nurseries in the country. Out of 12 nurseries from Maharashtra state receiving ranking, 4 nurseries are owned by the Vidyapeeth. The nurseries at Regional Fruit Research Station, Vengurle, (dist. Sindhudurg); Central Experiment Station, Wakawali, (dist. Ratnagiri) and Department of Horticulture, College of Agriculture, Dapoli, (dist. Ratnagiri) received 4 Star ranking. The nursery at the Regional Coconut Research Station, Bhatye, (tal. and dist. Ratnagiri) received 3 star ranking.

The vidyapeeth has standardized different grafting techniques and improved cultivation practices for the crops of the region. Besides certified nurseries in the region, the vidyapeeth alone is supplying more than 22 lakh grafts and seedlings of different crops every year to the stakeholders.

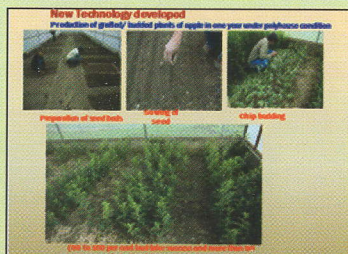
DR Y. S. PARMAR UNIVERSITY OF HORTICULTURE & FORESTRY, NAUNI

#### Budded apple nursery plants in 1 year

The university scientist has developed or standardized technique for raising apple plants in 1 year under polyhouse conditions. In this technique, the seeds are put for stratification in



alternate layers of moist sand and seed in a wooden box during mid-December. The box is put in refrigerator for 60 days at 3-4 °C. The stratified seeds are sown in well prepared seed-beds in mid-February in polyhouse. At 2-3 leaf stage the seedlings are transplanted from seed beds to nursery beds at a spacing of 10-15 cm from seedling to seedling and 15-20 cm in rows. All the nursery-management practices like weeding, irrigation and spray of pesticides and fungicides are performed at regular intervals. These seedlings attain budable size of 0.5-0.9 cm thickness in July, and then these seedling rootstocks are budded with chip method, which generally gives more than 98 per cent bud-take success. These budded plants attain saleable height of more than 4 feet in December, and more than 90 per cent plants become ready for sale in a year. The survival rate of these plants in the orchard is found very good. About 3,000 budded plants can be produced in a polyhouse of 100m<sup>2</sup> (square metres) and the farmers can earn Rs 1.5 lakhs from such a polyhouse by raising an apple-fruit nursery.



#### Integrated development of horticulture

The annual review meeting of Mini Mission-I research projects (Centrally sponsored scheme for Integrated development of horticulture in H.P.) was held at the main campus Nauni (Solan) during 9-10 January 2013. Dr K. R. Dhiman, VC was the chief guest at the inaugural session on 9 January, 2013. Dr R. C. Sharma, Director of Research, presented a brief profile and achievements of the university for the last 1 year (2011-12) and highlighted the research-thrust areas in horticulture. He also gave a brief outline of the on-going research projects in the university, especially of Mini Mission -I projects. The Principal Investigators of these projects (UHF, Solan; CSKHPKV, Palampur; IARI, Regional Station Amartara Cottage, Shimla and CPRI, Shimla) participated in the meeting and presented the progress reports of the respective projects. At the inaugural session a bulletin Status of Soft Rot of Ginger, written by Dr N. P. Dohroo, Dr Sandeep Kansal and Ms Neha Ahluwalia, was released. Dr B. P. Singh, Director (CPRI)-cum-Nodal Officer, Mini Mission-I (H.P.) expressed his views on the contribution of horticulture sector towards the national economy.



#### Workshop on Agro based Food Processing

The Director, Khadi and Village Industries Commission, Shimla sponsored a workshop on Agro based food processing for its technical staff as well as for the employees of assisted units on 7 March 2013. It was organized by Department of Food Science and Technology. Shri Desh Raj Gautam, Member (North Zone), KVIC, Shimla was the chief guest, whereas Dr K. R. Dhiman, VC. Dr R. C. Sharma, Director of Research, Dr R. C. Sharma, Dean, College of Horticulture, and Shri Om Parkash, Director of KVIC, were the special invitees. Shri Desh Raj Gautam emphasized the importance of food processing and the role played by KVIC in rural development of India. The guest of honour Dr K. R. Dhiman traced the history of food preservation, stating that fermentation is the most ancient technique of preservation employed by the man. Professor L R Verma, former Vice-Chancellor lauded the role of the Dr Y S Parmar university in improving the economy of the people of Himachal Pradesh.



Inaugural Session of Workshop

#### Workshop on Agro based Food Processing

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G.B. PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, PANTNAGAR

#### National training on genomics

A national training workshop on 'Application of genomics for crop improvement' was held during 27 December 2012 to 16 January 2013 at College of Basic Sciences and Humanities of Pantnagar university. It was organized by Department of Molecular Biology and Genetic Engineering of this college, sponsored by Department of Biotechnology of Government of India. Dr Rakesh Bhalnagar, VC, Kumaun University, Nanital was the chief guest at the inaugural session and, Dr N.K. Singh, National Professor, NRC on Plant Biotechnology, IARI, New Delhi, was the guest of honour. Dr J.P. Pandey officiating VC and Registrar presided. Dr Uma Malkania, Dean, CBSH, welcomed the guests, whereas Dr Anil Kumar, course Director explained the objectives of the training. Dr Suman Govil, Advisor, Department of Biotechnology, Government of India was the chief guest at valedictory session held on 16 January 2013. Dr B.D. Lakhchasa, National Fellow, ICAR and former Professor of College of Veterinary and Animal Sciences of Pantnagar, was also present as guest of honour. In this training workshop 22 scientists from 10 states of India participated in which 25 lectures, including from outside experts, and 45 practical training sessions were arranged.



Publication being released

#### Co Pant 05224 new sugarcane variety

The university scientists developed new high-yielding sugarcane, Co Pant 05224, a mid-late maturing variety. It produces medium thick erect cane, of blackish white (exposed) or greenish white (unexposed) colour. The canes are solid, juicy and sweet with soft rind. The leaf canopy is drooping, leaf sheath is light waxy and whitish green. Co Pant 05224 combines high yield for cane as well as commercial sugar and also moderately resistant to red rot, smut and wilt, as evident from disease-resistance rating under co-ordinated trials. It is an improved alternative of the variety Co Pant 84212, which is an old popular variety from Pantnagar. State Sugarcane Variety Release Committee has recommended Co Pant 05224 for cultivation in sugarcane-growing areas of Uttarakhand, and the variety was also identified for north-west zone in AICRP annual workshop 2012 at Coimbatore.



Sugarcane, Co Pant 05224

#### Farmers' fair

The 93rd farmers' fair-cum-agro-industrial exhibition of the university, Kisan Mela, was organized during 8-11 March 2013. It was inaugurated by a progressive farmer, Shri Dunga Singh Bisht, of Devidhura village of Uttarakhand. Shri Subhash Kumar IAS VC; Dr Y.P.S. Dabas, Director Extension Education, and other dignitaries were present. More than 10,000 farmers from Uttarakhand, U.P., Bihar, Punjab, Haryana, Delhi and other states as well as from Nepal attended the Kisan Mela. The students and other visitors gave massive response. Total 171 big firms and 307 medium and small firms put up their decorative and informative displays at the fair. The stall of Punjab National Bank, Pantnagar received Best Stall award at the concluding ceremony.



Inaugurating the farmers' fair, Shri D. S. Bisht, with VC, Shri S. Kumar, and others

'Conservation of resources' at Center of Advanced Faculty Training in Agronomy, College of Agriculture organized a 21-day training course on 'Resource conservation for shaping future agriculture' during 15 February to 7 March, 2013. Sponsored by the ICAR, New Delhi it was attended by 25 scientists of state agricultural universities (SAUs) and ICAR institutes from different states of India.

JUNAGARH AGRICULTURAL UNIVERSITY, JUNAGARH

#### 8<sup>th</sup> annual convocation

The 8th annual convocation of Junagadh Agricultural University was held on 17 January 2013, H.E. Dr Shrimati Kamla H.E. the Governor of Gujarat and Chancellor, presided and awarded the degrees. Dr KN Nag, former VC, Rajasthan Agricultural University, Bikaner, was the chief guest, who delivered convocation address. Shri Babubhai Bokhriya, Minister of Agriculture, Co-operation, Animal Husbandry, Fisheries, Cow Breeding, Water Supply and Water Resources, Government of Gujarat, was the guest of



Scientist being given certificates by Dr J. Kumar and Dr J.P. Singh



Welcome address by Dr NC Patel,



honour. Total 298 students received degrees, which included 157 graduate, 128 masters and 13 doctoral degrees. Six gold medals, 35 (gold-plated) silver medals and 2 cash prizes were awarded to the students for their outstanding performance at UG and PG level.

#### National scientists seminar (Hindi)

A national level scientific seminar in Hindi on "Krishi, Khadya va Swasthya Samvardhan main Nabhikeya Prodyogiki ki Bhumikeya" was organized jointly by JAU, Junagadh; Hindi Vigyan Sahitya Parisad; BARC, Mumbai and Directorate of Groundnut Research, Junagadh at Junagadh during 14-15 February 2013. Dr K.B. Saini, Director, Jaiv Chikitsa Varg, BARC, Mumbai inaugurated it. Dr NC Patel, Vice Chancellor, JAU, Junagadh had presided and Dr Devanand Sharma, Chairman, Hindi Vigyan Sahitya Parisad, BARC, was the special guest. Total 210 participants attended the seminar.

Dr N.K. Gontia, Principal and Dean, CAET, JAU, Junagadh, and Dr J.P. Tripathi, Secretary, Hindi Vigyan Sahitya Parisad, BARC, Mumbai were the organizers, guided by Dr N.C. Patel, VC.

#### Training on video production

Dr NC Patel, JAU inaugurated the training on "Video production technology" held at JAU during 5-7 February 2013 in collaboration with EEI, Anand. Video is a powerful tool in education and research activities. Since Krushi Mahotsav 2005, the JAU is producing video CDs on modern technologies in agriculture for farmers. In view of the importance and effectiveness of this medium a training on "Video production technology" was organized by Directorate of Extension Education, JAU, for teachers, scientists and other staff of the JAU. The participants of ATMA project of 7 districts of Saurashtra also participated. The Extension Education Institute (Government of India), Anand, provided the training on preparation of story, shooting, editing and final production of video documentaries. Dr N.C. Patel, VC, inaugurated the programme. He gave a stirring speech on the need and scope of video-production technology. Mr Pravin Patel, well-known Director, Writer and Producer of Gujarati films and documentaries, is an agricultural graduate who produces agriculture-related documentaries, has introduced various terminologies of the field and sketched out a path for production of documentaries. Mahesh Patel of EEI and his team inspired the participants to prepare video clips.

#### KARNATAKA VETERINARY ANIMAL AND FISHERIES SCIENCES UNIVERSITY, BIDAR

#### XIV Agri-Unisports-2013

The KVAFSU, Bidar organized the XIV All India Inter-Agricultural University Sports and Games Meet for the year 2012-13 from 6 to 10 March 2013. Dr Arvind Kumar, DDG (Education), ICAR, New Delhi inaugurated it and Dr C. Renukprasad presided. In the meet, 43 universities participated in various events. Individual champion from the men section was Mr. Sudhir Sopan Morde of Dr Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, and from the women section were Ms Susmi Raju of University of Agricultural Sciences, Dharwad and Miss. Nandhini M. of Tamil Nadu Agricultural University, Coimbatore, jointly. The Overall Championship in Men Athletics was held by Tamil Nadu Agricultural University, Coimbatore; followed by Dr Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli (runner). The Overall Championship in Women Athletics was held by University of Agricultural Sciences; Bangalore followed by Tamil Nadu Agricultural University, Coimbatore (runner). The Overall championship in sports and games 2012-13 was shared by Punjab Agricultural University, Ludhiana and University of Agricultural Sciences, Bangalore followed by Karnataka Veterinary Animal and Fisheries Sciences University, Bidar (runner). The Sports and Games meet ended formally with a valedictory function. Dr S. L. Goswami, Director NAARM, Hyderabad, was the chief guest of this event, presided by Dr C. Renukprasad, VC.

#### MARATHWADA KRISHI VIDYAPEETH, PARBHANI

#### Foundation stone for College of Agriculture, Golegaon

The Government of Maharashtra recently sanctioned a new constituent agricultural



Her Excellency, the Governor of Gujarat Dr Shrimati Kamla awarding Medals to students



Release of publication



Participants saluting



college in Marathwada region at Golegaon (taluka Aundha, dist. Hingoli) under MKV, Parbhani from the academic year 2012-13 with intake capacity of 60 students. Dr K.P. Gore, VC, took active interest in it for the rural youth of Marathwada region. Shri Radhakrishna Vikhe-Patil, Minister for Agriculture, Government of Maharashtra laid the foundation stone (bhoomi poojan). The other dignitaries present were: Prof (Smt) Varshatai Gaikwad, Minister of Women and Child Development, Government of Maharashtra, Shri Gulabrao Devkar, State Agriculture Minister, Government of Maharashtra, and Shri Rajivji Satav, MLA, Kalamnuri and President, Indian Youth Congress.

#### Custard apple conference

The university organized a state-level Custard apple conference on 7 December 2012. Dr S.K. Sharma, Director, Central Institute for Arid Horticulture, Bikaner was the chief guest. Dr K.P. Gore, VC, presided at the function. Shri Navnath Kaspatte, Chairman, Custard Apple Growers' Association, Pune was also present. The programmes included an exhibition on custard apple showcasing the activities of the university as well as of State Department of Agriculture, KVKs, NGOs, SHGs co-operative sectors and private companies besides; seminar on different topics. About a thousand farmers including farm women, youths, entrepreneurs and extension personnel attended the function.

Dr K.P. Gore, VC, presided at the function. Shri Navnath Kaspatte, Chairman, Custard Apple Growers' Association, Pune was also present. The programmes included an exhibition on custard apple showcasing the activities of the university as well as of State Department of Agriculture, KVKs, NGOs, SHGs co-operative sectors and private companies besides; seminar on different topics. About a thousand farmers including farm women, youths, entrepreneurs and extension personnel attended the function.

#### Food-safety management in food chain

A winter school on Food Safety Management System required in Food Chain was organized during 21 November to 11 December 2012 by College of Food Technology, Parbhani under the aegis of the ICAR, New Delhi. Dr K.P. Gore, VC, in his presidential address laid on stress on the importance of food-safety management in food chain in the present context of globalization. Shri Mahesh Zagade, Commissioner, Food and Drug Administration, Government of Maharashtra inaugurated the function, attended by Shri Sudhir Shambharkar, Commissioner, Parbhani Municipal Corporation; Parbhani. Dr P.S. Kadam, Associate Dean & Principal, College of Food Technology and Course Director of Winter school, was the main force in organizing this winter school successfully.

#### Irrigation development project

Smt Fauzia Khan, State Minister for General Administration, Public Health and Family Welfare, Government of Maharashtra, inaugurated the second phase of Irrigation facilities Development Project under RKVY at Parbhani on 21 November 2012. The project was sanctioned by Government of Maharashtra. Dr K.P. Gore VC, highlighted the importance of the project is increasing the seed production of various crops.

#### Visit of dignitaries at university

Shri Mahesh Zagade, Commissioner, Food and Drug Administration, Government of Maharashtra visited MKV research stations and campus on 21 November 2012. He visited Agriculture College Laboratory and class-rooms, international hostel, Agricultural Technology Information Centre, Food Technology, Engineering College, TMC unit, BSP Farm, Pingalgarh watershed project, as well as Agricultural Research Station, Sweet Orange Research Station and Agriculture College, Badnapur. Dr A.K. Mishra, VC, Maharashtra Animal and Fishery Sciences University, Nagpur, visited MKV on 5 December 2012. He paid visit to ATIC, Energy park, university library, international hostel, Engineering College, TMC Unit and Pingalgarh watershed project.



Foundation Stone ceremony by Shri Radhakrishna Vikhe-Patil



Dr S.K. Sharma, lightening lamp



Dr K.P. Gore, addressing conference



Shri Mahesh Zagade, inaugurating winter school



Smt. Fauzia Khan, inaugurating the project



Shri Mahesh Zagade visited ATIC



Dr H.S.Gupta, Director, IARI, New Delhi visited Fruit Research Station and Krishi Vigyan Kendra, Aurangabad. He also paid visit to Agricultural Research Station, Sweet Orange Research Station and College of Agriculture, Badnapur under MKV, Parbhani on 10 December 2012.

Dr R.G.Dani, VC, Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola, visited modernized laboratories and class room of agriculture College, international hostel, ATIC, College of Food Technology, Engineering College, College of Home Science, TMC unit, BSP Farm, Tissue Culture Laboratory and Pingalgarh watershed project on 25 December 2012.

#### 19<sup>th</sup> Convocation

The 19th Convocation of MKV, Parbhani was organized on 22 February 2013. Shri Radhakrishna Vikhe-Patil, Pro-Chancellor and Minister for Agriculture and Marketing, Government of Maharashtra, conferred degrees to 1,620 graduate, post graduate and doctorate degrees to the students in various faculties. Shri Sharad Chandra Pawar, Union Minister for Agriculture and Food Processing Industries, Government of India and President, ICAR, New Delhi was honoured with the honorary degree of Doctor of Science (honoris causa). He dedicated this degree to the farming community of the country. He laid emphasis on the importance of climate change in technology generation, and urged the students to become job providers rather than job-seekers. Dr Kirti Singh, former VC, NDUAT, Faizabad (U.P.); IGAU, Raipur (Chhattisgarh) and HPKV, Palampur (H.P.) and former Chairman, ASRB, New Delhi, emphasized that student should work hard for uplifting the farming community. He also said there is need to bridge the gap between laboratory work and land application, for delivering the agricultural technologies, best practices, success models etc. through right extension linkages at right time in a right way. The research priorities need to be clearly redefined to develop new varieties and technologies for improving the productivity and to withstand adverse agro-climatic conditions. Dr Kirti Singh was honoured with the title of Krishi Ratna (honoris causa). Dr K.P.Gore, VC, presented the report and achievements of the vidyapeeth.



Dr A.K.Mishra, visiting ATIC



Shri Sharadchandraji Pawar, addressing 19th Convocation



Shri Sharadchandraji Pawar, receiving DSC honour Doctor of Science Degree



Dr Kirti Singh, honoured with Krishi Ratna award



Shri Sharadchandra Pawar, inaugurating Seed Processing Unit

Randhakishan Shanti Malohatra Award for commendable research work in agriculture is presented to the research scientists, and best teacher awards to the academic staff for rendering commendable services in education. On this occasion Shri Gulabrao Deokar, State Agriculture Minister; Shri Vijayraoji Kolte, Vice-Chairman, MCAER, Pune; Shri Prakashdada Solanke, Guardian Minister, Parbhani; Prof (Smt)Fauzia Khan, State Minister for Health, Executive Council Members and other dignitaries graced the function.

Shri Sharad Chandra Pawar, also visited MKV research stations and campus on 22 February 2013. He inaugurated Seed Processing Plant Unit under RKVY, and Pulses and Oilseeds Processing Unit and Apparel Production Unit under ELP at MKV campus. He also paid visit to BSP farm, Pingalgarh Nala, Sugarcane demonstration Plot, energy park, Home Science College, ELP units and exhibition stall. He interacted with the scientists and felt impressed by the various developmental and research activities being conducted.

#### World Women's Day

The World Women's Day was organized on 8 March 2013 at the university campus in association with State Bank of Hyderabad, MKV Branch, Parbhani. Shri U.Rajendra, Assistant General Manager, SBH, Aurangabad the chief guest, emphasized need for

empowerment of women in development of nation, and the role played by State Bank of Hyderabad in this mission. Dr K.P.Gore, VC, MKV, Parbhani, presided over the function. On this occasion girl students achieving remarkable progress in education, sports, socio-cultural activities were also felicitated.

#### Donation to CM's Relief Fund

Maharashtra State is passing through severe drought situation and affecting specially the farmers. In view of it the employees of MKV, Parbhani offered salary of 1 day voluntarily. On their behalf, Dr K.P.Gore, VC, presented a cheque of Rs. 15 lakhs to Shri Prithviraj Chavan, CM, Maharashtra State, towards Chief Ministers' Relief Fund, Shri Radhakrishna Vikhe-Patil, Minister for Agriculture and Marketing, Government of Maharashtra was also present on this occasion.

#### 4<sup>th</sup> Convocation of LPP

The 4th convocation of Laboratory Pre-Preparatory (LPP) was organized on 28 March 2013. The dignitaries present were: Dr Anwar Alam, former VC, SKUAST, Srinagar and Secretary NAAS, New Delhi; Dr S.K.Tandon, former ADG (Agric.Engg), ICAR, New Delhi, Dr B.C.Mal, VC, SVTU, Bhilai; Dr V.M.Mayande, former VC, DPDKV, Akola; and Dr S. S. Magar, former VC, DBSKKV, Dapoli, Dr R.P.Singh, Executive Secretary, IAU, New Delhi and Er. V.B.Nath, Under-Secretary (Water Conservation), Government of Maharashtra. Dr K.P.Gore, VC, presided at the function. Certificates were distributed to 32 children who successfully completed pre-primary education. Dr Anwar Alam chief guest of the function said that such a type of the programme is good encouragement for these small kids. Dr K.P.Gore in his presidential remarks expressed that children are the property of the nation and we should take proper care of them for the future of the nation.

#### Personality development workshop

A workshop on Personality development and student counseling for agricultural research and business opportunities was organized by College of Agricultural Engineering and Technology at MKV, Parbhani campus during 28-29 March 2013. Eminent personalities in the field of Agricultural Engineering and Agronomy faculty from the country guided the students. on this occasion Dr Anwar Alam, former VC, SKUAST, Srinagar, and Secretary, NAAS, New Delhi; Dr S.K.Tandon, former ADG (Agric Engg), ICAR, New Delhi; Dr B.C.Mal, VC, SVTU, Bhilai; Dr V.M.Mayande, former VC, DPDKV, Akola; Dr S.S.Magar, former VC, DBSKKV, Dapoli; Dr R.P.Singh, Executive Secretary, IAU, New Delhi, and Er. V.B.Nath, Under Secretary (Water Conservation), Government of Maharashtra, delivered lectures on various important topics of personality development and guided the students for their future endeavours. Dr K.P.Gore, VC, presided at the function and highlighted the role of agricultural engineers in farming activities.

#### Special Lecture by Dr R.P.Singh

Dr R.P.Singh, Executive Secretary, Indian Agricultural Universities Association, New Delhi, also visited College of Agriculture, Badnapur, and delivered a special lecture on "Gains of green revolution in India: problems and opportunities" for the faculty members and students of the college. He visited Sweet Orange Research Station, Badnapur and took great interest in the research, teaching and extension activities being carried out there.



Smt. Rajanitai Satav, inaugurating women rally



Dr K.P.Gore, handing over cheque for CM relief fund to Shri Prithviraj Chavan



Distribution of LPP 4th Convocation Certificate by dignitaries



Dr R.P.Singh delivering lecture



## NAVSARI AGRICULTURAL UNIVERSITY, NAVSARI

### 8<sup>th</sup> Annual convocation

The eighth annual convocation of Navsari Agricultural University, Navsari was held on 22 February 2013. Dr A. R. Pathak, VC, presided and Padma Bhushan Dr R. B. Singh, President, NAAS, and former ADG, FAO, United Nations, graced the occasion as chief guest. Dr A. N. Sabalpara, Director of Research and Dean PGS, delivered the welcome address and informed the gathering about major activities and achievements of the university like opening of two new Colleges of Agriculture at Waghai (tribal area) and Bharuch, and Gujarat Agriculture Biotechnology Institute at Surat in the academic year 2012-13. During the ceremony, undergraduate degree was awarded to 114 students including 53 B.Sc. (Agriculture), 44 B.Sc. (Horticulture), and 17 B.Sc. (Forestry), Masters degree was awarded to 158 students including 56 M.Sc. (Agriculture), 39 M.Sc. (Horticulture), 17 M.Sc. (Forestry), 4 M.Sc., 11 M.V.Sc. and 31 M.B.A. students. The Doctorate degree was awarded to 24 students including 18 Ph.D. (Agriculture), 4 Ph.D. (Horticulture) and 2 Ph.D. (Forestry) students. For excelling in various academic fields, 26 medals were awarded to 10 boys and 7 girls. For the first time Best Teacher Award was given to Dr J. D. Thanki (Agriculture faculty) and Dr B.V. Padhiyar (Horticulture faculty).

Dr R. B. Singh, chief guest, delivered the keynote address, and praised Gujarat state for achieving and maintaining GDP growth in agriculture over 10 per cent. Further, he impressed upon 'Agriculture education: shaping India's future, six profound global developments and expressed concern over climate change, high population growth and zero hunger in India. Dr A. R. Pathak, VC, in his presidential address blessed and congratulated the out-going students for successful completion of degree programme. He thanked the scientists for contribution in developing new varieties of rice, sugarcane and little gourd as well as economical and user-friendly technologies for sustainable agriculture and mass production of bio-fertilizers.

### Convention on "India Cotton: for global leadership"

A national convention on "India cotton: gearing up for global leadership" was organized by NAU, Surat and Central Institute for Cotton Research, Nagpur, under the aegis of Indian Society for Cotton Improvement Mumbai, and Gujarat Association for Agricultural Sciences, Navsari chapter at MCRC, Surat during 6 to 8 January 2013. Dr C. D. Mayee, President, ISCI, Mumbai and former chairman ASRB, New Delhi inaugurated it and Dr A. R. Pathak, VC presided. Other eminent dignitaries present were: Dr K.R. Kranthi, Director, CICR, Nagpur; Dr D. K. Marothia, former Director, National Institute of Ecology, Raipur, and Dr H. C. Sharma, Principal Scientist (Entomology), ICRISAT, Hyderabad.

Nearly 200 delegates were registered for participation in the convention, out of which 130 were from public sector institutes, 38 post-graduate students (Gujarat), 29 representatives or scientists from private-sectors industries and 9 farmers. Five foreign delegates also participated. During the seminar presentations were made over various topics like Crop improvement, Crop production, Fibre technology, Physiology and bio-chemistry and Plant protection.

Eminent scientists were honoured at this convention for their contribution to the development of cotton in India viz., Dr A. J. Shaikh, Secretary, ISCI and former Director, CIRCOT, Mumbai; Shri. U.D.Singh, Managing Director, Gujarat State Seed Corporation, Gandhinagar; and Dr V. Kumar, Research Scientist (Cotton), NAU, Surat.

### Crop disease management: advances and challenges

The 34<sup>th</sup> annual conference and national symposium of ISMPP on "Crop disease management: advances and challenges" was organized by N.M. College of Agriculture at NAU, Navsari, during 21-23 January 2013. Shri Babubhai B Bokhria, Minister of Agriculture, Gujarat state, and VCs of four SAUs of Gujarat graced the occasion. Dr A R Pathak presided, and Dr O. P. Gill was the chief guest. Shri Bokhria, stressed the need to conserve natural resources and bio-diversity. About 300 scientists and 200 students from all parts of country participated in this conference.

## PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

### PAU bags maximum research projects



Among the farm varsities of the country, the PAU, Ludhiana, bagged the maximum 28 research projects approved by the UGC, followed by Tamil Nadu Agricultural University, Coimbatore (16); Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana (9); and Sher-e-Kashmir University of Agricultural Science and Technology, Jammu (3). Dr Baldev Singh Dhillon, congratulated the university scientists for this remarkable achievement and exhorted them to continue with their vigorous efforts of taking PAU to greater heights in future as well.



PAU fields

### Monsanto Beachell Borlaug fellowship

Ms Mitaly Bansal, a Ph.D. student of School of Agricultural Biotechnology, PAU, Ludhiana bagged the prestigious fellowship under Monsanto's Beachell Borlaug International Scholars Programme for the year 2013. Thus total 4 Ph.D students of the PAU including Amandeep K. Sandhu (Plant Breeding and Genetics), Amandeep Kaur (Plant Breeding and Genetics), Dharminder Bhatia (Plant Breeding and Genetics), and Mitaly Bansal (Biotechnology), bagged this Fellowships under Monsanto's Beachell Borlaug International Scholars Programme in the years 2010, 2011, 2012 and 2013 respectively. Under this award, a total budget of US \$ 1,00,000 is provided for Ph.D. study to the student. Dr Gurdev Singh Khush, a world renowned rice breeder, (popularly known as "Paddy Daddy") has eulogized the university students for the distinction of bagging this prestigious fellowship, for 4 consecutive years. In his message, he stated: "No other university in the world has bagged more than two awards." Dr Baldev Singh Dhillon expressed great happiness over this rare distinction of the university students and lauded the untiring efforts of the faculty for guiding the students in achieving such a phenomenal success.



Ms Mitaly Bansal

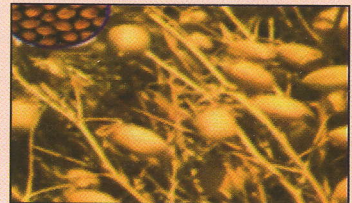
### AICRPs on wheat, rice and vegetables best on national level

Total 45 All India Coordinated Research Projects (AICRPs) on different crops are operating at the PAU. These are on wheat, rice, vegetables and rapeseed-mustard at Ludhiana were adjudged the best at the national level. The Wheat Centre of AICRP was considered Best AICW&BIP Centre (the ICAR's Chaudhary Devi Lal Outstanding AICRP Award 2011) on the basis of its contributions. Wheat-improvement programme at PAU is one of the most dynamic and productive, and commands a major share in varietal release and adoption at the national level. During 2006-07 to 2010-11, eight varieties including five of bread wheat (PBW 533, PBW 550, PBW 590, PBW 596, PBW 621) and one each of durum wheat (PDW 314), triticale (TL 2942) and barley (PL 751) were released for the wheat zones NHZ, NWPZ, CZ and PZ of India. The university has done outstanding research in developing wheat resistant to Karnal bunt and rusts. It has so far released 35 rice varieties including 12 basmati varieties. The seeds of rice varieties are in great demand among the neighbouring states of Haryana, Uttar Pradesh and Jammu & Kashmir. In vegetables, the PAU got the Lt. Amit Singh Memorial Award for Best AICRP Centre. The university centre was selected for this award among 29 centres of agricultural universities and ICAR institutes for distinction in research and dissemination of technologies to the farmers. So far, the university has evolved and released 146 improved varieties or hybrids of different vegetables, 31 of which have been identified under AICRP in different regions of the country. Recently two PAU hybrids of brinjal (PBH-3 and PBH-51) were identified for Zones IV and VI of the country. On the basis of the research, publications, conduct of trials, breeding material generated and the overall support to the AICRP (rapeseed mustard) programme, the PAU Centre was rated the best.

## RAJMATI VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA, GWALIOR

### New Chickpea RVG 203 variety notified

The chickpea variety RVG 203 (Rajvijay Gram 203) was notified vide Notification no. S.O.312(E) on 1 Feb 2013 by Department of Agriculture and Co-operation, Ministry of Agriculture, Government of India for cultivation in the states of Madhya Pradesh, Gujarat, Maharashtra, Uttar Pradesh and Rajasthan. This variety was developed through a three-way cross {(ICCV 91902 × ICCV 10) × ICCV 89230}. Its plants are dwarf and semi-spreading. The seeds are light





brown and angular, with smooth surface. It matures in 100 days, with average yield potential of 1,900-2,000 kg/ha. It is moderately resistant to Fusarium wilt and dry root-rot. It is recommended and found suitable for late-sown conditions.

#### Action plan under KVK-ATMA convergence

Directorate of Extension Services, RVSKVV, Gwalior, prepared a proposal document on Technological dissemination action plan under KVK- ATMA convergence, covering 25 districts. It was submitted to the Government of Madhya Pradesh. Five KVKs of RVSKVV, Gwalior participated in the exhibition Western Region Farmers' Fair at IISS, Bhopal during 28-31 January 2013. Exhibition stall of KVK, Ujjain was awarded second prize. On this occasion, the tomato ketchup (Raj Vijay ketchup) prepared by farma women under the technical guidance of KVK, Ujjain was inaugurated by Dr Ram Krishna Kushmariya, Agriculture Minister, Government of M.P.



#### UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE

##### JRF-ICAR award

The UAS, Bangalore secured the second position in All-India Junior Research Fellowship Examination - 2012 conducted by ICAR, New Delhi. The award was presented to the university on 19 February 2013 by Shri Sharad Pawar, Union Minister for Agriculture and Food Processing Industries, Government of India, during Annual Conference of VCs of agricultural universities held at New Delhi.

##### Visit of Shri Devegowda (former PM)

Shri H.D. Devegowda, former Prime Minister of India, and Member of Parliament along with Dr Narayanan Gowda, VC, visited Rural bio-resource complex project area and KVK, Bangalore rural district on 13 Feb. 2013.

He visited an Integrated farming system demonstration farm of Shri Sadananda at Tapasihalli. In this demonstration project scientific integration of different agricultural and allied activities is shown practically in 2 acre 14 guntas of land.

Later he visited Biofuel Processing Unit of Rural Biofuel Growers' Association at Hadonahalli, which was established under RBRC project. Dr Narayanan Gowda briefed him about the different activities being conducted here to create awareness among the farmers on importance of bio-fuel, and the need for starting such associations.

Shri Davegowda also visited Bhoomika bakery and Value addition centre managed by women SHGs of Tubagere hobli, and Marketing complex managed by Fruits and Vegetable Growers' Association at Hadonahalli, and different demonstration units and nursery at KVK, Bangalore Rural District.

Former PM expressed that awareness on technology and other information is the key factor in the success of farmers and effective transfer of technology. Information on different areas of agriculture from inputs to marketing is very important in upliftment of the farming community. Farm universities and different line departments should join hands to achieve it more effectively. The farmers should adopt integrated farming system approach for higher and regular income. Emphasis should be given to provide different services like inputs, quality planting material and market support by establishing input centres, nurseries and consultancy centres at strategic places. The initiatives taken by the UAS, Bangalore in this regard are appreciable.

The administrators and policy makers should visit the area before implementing any project or programme. He assured that he will raise the initiatives taken up by UAS, Bangalore in appropriate forum including Parliament for replication of this model with suitable



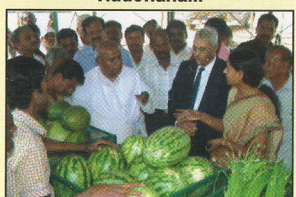
Dr K.Narayana Gowda, receiving JRF Performance Award



Shri Devegowda observing Rose garden of Sri Sadananda



Visit to Bhoomika bakery managed by Federation of women SHGs, Hadonahalli



Visit to fruits and vegetable marketing complex, Hadonahalli



Nursery unit of KVK, Bangalore rural district

modifications in other parts of the country.

## Awards

#### MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR Honour to scientists

Dr R.J. Zende, Professor, Department of Veterinary Public Health, Bombay Veterinary College received second Prize in Poster Session of Advances in Food Processing and Technology for the research article entitled "Quality evaluation of newly developed emu meat sausages" at XIth Annual Conference of IAVPHS held at Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana during 13-14 December, 2012.



Dr Vilas M. Vaidya, Assistant Professor, Department of Veterinary Public Health, Bombay Veterinary College has received "Shiksha Rattan Puraskar" for his meritorious services, outstanding performance and remarkable role. Dr G.V.G. Krishnamurthy, former Chief Election Commissioner, Government of India presented him the award at a seminar on 'Role of education in modern India' at New Delhi on 29 May 2012, organized by India International Friendship Society, New Delhi.



#### MARATHWADA KRISHI VIDYAPEETH, PARBHANI

##### JV Liebig Award to Dr V.D.Patil

To mark the 200th birth anniversary of Justus Von Liebig, Federal Republic of Germany released Justus Von Liebig coin and postal stamps. On this occasion, These were awarded to Prof. Dr Vilas D Patil, Head Department of Soil Science and Agricultural Chemistry, Marathwada Agricultural University, Parbhani, for his significant contribution for the last 25 years in the field of Soil fertility and Remote sensing applications in the soil sciences. The award was given at an international seminar organized by Alexander Humboldt Foundation and JNU, New Delhi during 8-9 February 2013.



Dr. V.D. Patil

#### RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA, GWALIOR

##### Award to Miss Neha Rajawat

Miss. Neha Rajawat, a student of B.Sc. (Agric.) II year, College of Agriculture, Indore, stood first in Inter-university National Elocution Competition during XI Agricultural Science Congress on "Agricultural Education: shaping India's Future", which was held on 8 February, 2013 at OUAT, Bhubaneswar.



##### Breed Saviour Award 2012 to farmer

Kadakhnath, a indigenous poultry breed of district Jhabua (M.P.) is facing eve of genetic erosion. The University therefore initiated the conservation and utilization of this poultry breed, which is famous for its black colour, meat, bone and blood, with several medicinal properties under NAIP. One farmer, Shri Humji S/o Shri Bhura was honoured with Breed Saviour Award 2012 and cash prize of Rs. 10,000 by National Bureau of Animal Genetic Resources, Karnal on 9 March 2013 for conservation and utilization of Kadakhnath poultry.



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Indian Agricultural Universities Association  
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