

IAUA



NEWS

QUARTERLY NEWSLETTER OF INDIAN AGRICULTURAL UNIVERSITIES ASSOCIATION

VOLUME 11 No. 3

JULY - SEPT 2011

CONTENTS

Spot News

MoU with NULES, Ukraine

New VC

Dr M.P. Pandey, VC, BAU, Ranchi

ACHIEVEMENTS/ EVENTS

Focus on universities:

Deemed-to-be-universities

CIFE, Mumbai,

IVRI, Izatnagar

Universities Brief profile

- SDAU, Sardarkrushinagar

New University

- BAU, Sabour

AAU, Anand, CSKHPKV, Palampur
Dr PDKV, Akola, GBPUAT, Pantnagar
GADVASU, Ludhiana, IGKV Raipur
JAU, Junagarh, MKV, Parbhani
OUAT, Bhubaneswar, PAU, Ludhiana
SDAU, Sardarkrushinagar

Awards

DBSKKV, Dapoli, GBPUAT, Pantnagar
JAU, Junagarh. UHS, Bagalkot

Dr Ramendra Singh joins

Editorial Board of IAUA Newsletter

ADVISORY BOARD

Dr Tej Partap

President

Dr N.N. Singh

Vice-President

Prof. C.S. Chakrabarti

Secretary Treasurer

Dr Vijay B. Mehta

Member

Dr R.C. Maheshwari

Member

EDITORIAL BOARD

Dr R. P. Singh

Secretary-General, IAUA

Dr Kirti Singh

Ex-Chairman, ASRB

Prof (Dr) M.P.Yadav

Ex-VC, SPVUAT, Meerut

Dr Ramendra Singh

Ex-Chief Agronomist, FAI

Mr R. S. Gupta

Ex-Editor (English), ICAR

SPOT NEWS

IAUA signed MOU with NULES, Ukraine

The MoU was signed between National University of Life and Environmental Sciences (NULES), Ukraine and Indian Agricultural Universities Association, New Delhi on 2 September 2011 at the office of the former. It was signed by Prof. Dmytro Melnychuk, Rector (Academic)/President on behalf of the former and by Dr R.P.Singh, Secretary General on behalf of the latter.

Major focus of the MoU was on the following:

Article 2. The present agreement is aimed at providing a possibility for professors, post-graduates and students of both the parties to participate in the programs of exchange and co-operation in the fields of agronomy, agro-chemistry, agro-biology, biotechnology, soil science, horticulture, plant protection, quality and safety of agricultural products, agricultural economy and management.

Article 3. Each agreement concerning exchange programmes of the staff members and students should be made by mutual consent and must include (i) the duration of the exchange; (ii) the exact aim of the exchange and the tasks of the person going for exchange; (iii) the amount of time for research to be spent at the host department and; (iv) the scholarship, at least a part, for the student or a staff member to be paid from the funds mutually agreed upon by both the parties.

Article 11: As Indian Agricultural Universities Association is the apex body of agricultural universities in India, it will facilitate or act as the platform to develop joint partnership between the appropriate agricultural universities in India with the NULES, Ukraine.

This programme was in continuation and follow up of the earlier interaction with the NULES representatives at the new GCHERA's first Board of Management Meeting at FAO, Rome during 10-11 January 2011 and also at 7th GCHERA Conference during 25 June to 2 July 2011; and also at two board of management meetings on 26 and 29 June, 2011 of the newly formed Global Confederation of Agricultural Universities Association, at LaSalle Beauvais (Paris), France.

Prof.(Dr) Dmytro Melnychuk, had invited Dr R.P. Singh as guest of honour at the Annual "Knowledge day" celebration at NULES, Ukraine and to discuss future collaboration with the agricultural universities in India through the IAUA. The visit was supported partly by both the parties.

On 1st September 2011, the "Annual Day Procession" started at 10.00AM from the main university and held at the main ground across the road. The main guests, the Minister and other high official of Ukraine and foreign guests collaborators participating in the function, including Secretary General, IAUA, were specially introduced to the big audience. The function was a big treat as a dream, planned and executed meticulously showcasing all the main and promotional activities of the university and its progress after the independence.

On 2 September 2011, Dr R.P.Singh gave a presentation on "Gains of green revolution in India: problems and opportunities", highlighting the role of agricultural universities in achieving "Green Revolution".

The teaching medium in the NULES is English for some specializations. Contact may be established for collaboration with:

Prof. Dmytro Melnychuk, Rector/ President, National University of Life and Environmental Sciences, 15 Geroiv Oborony street, 03041 Kiev, Ukraine, Tel. +380 44 5278242, Fax: +380 44 2577155, E-mail: rectorat@nauu.kiev.ua. The study programme and other information may be viewed on the website: www.nubip.edu.ua



MOU Signing Ceremony



Dr. R.P. Singh, Guest of Honour

NEW VCs

BIRSA AGRICULTURAL UNIVERSITY, RANCHI

Dr M.P. Pandey joined BAU, Ranchi as its new VC on 2 September 2011 after completing the tenure as VC, IGKV, Raipur (27 Feb. 2009 to 1 Sep. 2011). Born on September 8, 1946. Dr Pandey did B.Sc.(Agric.) (1965); M.Sc.(Agric.Bot) (1967) and Ph.D.(1971) in Plant Breeding with specialization in Crop Production and Statistics. As an accomplished plant breeder, he developed 20 crop varieties of rice and 7 of grain legumes. He published 83 research papers in the international and national reputed journals, and chapters in several books or bulletins (total 252 publications). Dr Pandey was Managing Director, N.S.I. Pvt. Ltd, Gurgaon (2008-09); Director, C.R.R.I, Cuttack (2006-08); National Co-ordinator, H.R.S.P. in the

ICAR as FAO Consultant (2001-02) and Visiting Scientist to international organizations like the IRRI and PR China. He is Fellow of VAAS, Hanoi; NAAS, New Delhi and ISGP, New Delhi; and Member, Research Board of the AABI, the USA. He guided 19 Ph.D. and 13 M.Sc. students. He received many awards, such as Dr M.S. Swaminathan Agricultural Scientist Award (2009), Krishi Vigyan Jyoti Samman (2009), Dr R.H. Richharia Award (204) the FAO, ICAR and UNDP Awards (1996).



Dr M.P. Pandey

Focus on Universities : Achievements and Events

DEEMED-TO-BE-UNIVERSITIES

CENTRAL INSTITUTE OF FISHERIES EDUCATION, MUMBAI

Planning Commission Meeting



Planning Commission meeting

The second meeting of the Planning Commission's Subgroup on 'Improving production and productivity and value addition in fisheries' of the Planning Commission's working group on Agricultural Research and Education (DARE) for the XII Five Year Plan was held at the CIFE, Mumbai on September 24, 2011. It was chaired by Dr W.S. Lakra, Director/VC, CIFE, Mumbai and was

attended by Dr M.V. Gupta, World Food Prize Laureate, Dr K.K. Vass, former Director CIFRI, Barrackpore; Dr N. Sarangi, former Director, CIFA, Bhubaneswar; and several other experts in the field of aquaculture and fisheries. The meeting consolidated and laid priority on the research activities and strategies to improve the production and productivity, with greater focus on aquaculture diversification, diseases surveillance and diagnostics, climate change and HRD in the emerging areas of genomics and biotechnology.

National Fish Farmers' day

The National Fish Farmers' day was celebrated on 10 July, 2011. It is celebrated throughout the country in recognition of the outstanding research contribution of Dr Hiralal Chaudhuri and Prof. K. H. Alikunhi, who achieved induced breeding of carps

under controlled conditions on July 10, 1957. A Farmers' meet under the NAIP subproject "A value chain on fish production in fragile agricultural lands and unutilized aquatic resources in Maharashtra" was organized to create awareness among the farmers of western Maharashtra about the utilization of salt-affected sugarcane fields for aquaculture. A booklet in Marathi language (Matsya Sanvardhan ek Drishtikshep) Fish culture-at a glance was distributed during the meet. About 260 farmers from different parts of Maharashtra participated in this event, in which five progressive fish farmers were felicitated.



National Fish Farmers' Day Celebration

INDIAN VETERINARY RESEARCH INSTITUTE, IZATNAGAR

MoA with CSKHPKV, Palampur

A memorandum of agreement (MoA) was signed by Prof. M.C. Sharma, Director, IVRI, and Dr S.K. Sharma, VC, CSKHPKV, Palampur on July 11, 2011 at IVRI, Izatnagar for collaboration in research and academic activities. Prof. Sharma highlighted the achievements of IVRI in development of vaccines, diagnosis, commercialization and transfer of technologies and patent submission and publication of research papers in national and international journals. He said that this agreement will provide a platform to the research scholars, motivating them to bring out high quality of research papers.

Universities Profile

SARDARKRUSHINAGAR DANTIWADA AGRICULTURAL UNIVERSITY, SARDARKRUSHINAGAR



University Building

The Gujarat Agricultural University came into existence with its headquarter at Sardarkrushinagar under Government Resolution No. GAU/1527 E dated June 1, 1972. The university adopted the zonal research concept with four zonal headquarters at Sardarkrushinagar, Anand, Navasari and Junagadh. All the four zones have distinct agro-climatic conditions; as a result the Gujarat Agricultural

University Act was repealed on May 1, 2004 and replaced by New Act, No. 5 of 2004, with jurisdiction of each zone elevated as individual university for precise consideration of the need-based and location-specific agricultural research. As a result the mandate of the SDAU, Sardarkrushinagar is confined to north Gujarat,

UNIVERSITIES

covering six districts having predominantly arid and semi-arid climate. The motto of the university "Be devoted to agriculture and agriculture alone" speaks of the vision and idealism to which its constitution is committed. As such all the activities are spurred by this commitment for rural prosperity through "Excellence in learning, discovering and outreach programme".

The university's vision: Prosperity of farmer.

Its mission is: To promote well-being, improve food and nutritional security, and protect the environment of the arid region of Gujarat.

Its mandate is: To impart education, conduct research and disseminate latest technologies in the field of agriculture and allied sciences, to generate new knowledge, skills and technologies, and constantly enhance them to improve the productivity of crops and farming systems.

Its Jurisdiction covers six districts of north Gujarat, viz., Mehsana, Sabarkantha, Banaskantha, Kachchh, Gandhinagar and Patan. It is wedded to three main functions of agricultural sciences namely education, research and extension education.

Colleges at Sardarkrushinagar

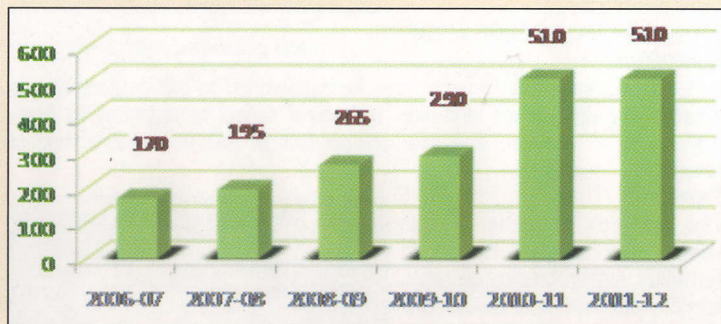
There are eight colleges at Sardarkrushinagar, viz., C.P. College of Agriculture, College of Veterinary Science and Animal Husbandry, College of Home Science and Nutrition, College of Dairy Science and Food Technology, College of Horticulture,

College of Renewable Energy and Environmental Engineering, College of Agribusiness Management and College of Basic Science and Humanities.

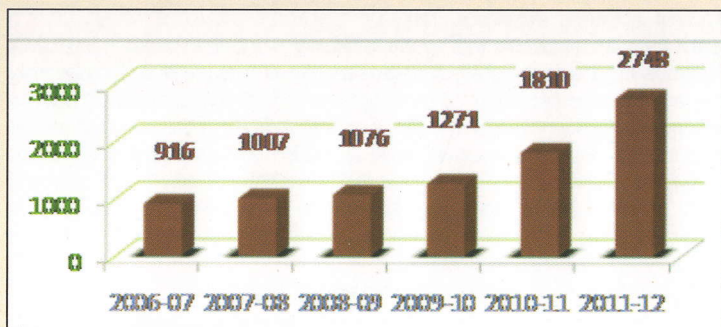
Polytechnics

There are three polytechnic in Agriculture i.e., at Deesa, Amirgadh and Khedbrahma; one polytechnic in Horticulture at Jagudan and one polytechnic in Home Science at Sardarkrushinagar.

The Intake capacity of the polytechnics is given in fig. 1 No. of students



The growth of students in the polytechnic is given in Fig 2. No. of students



Courses

There are dual degree-diploma courses in Seed production, Co-op action and management, Livestock entrepreneurship development and management, District Agricultural planning and development, Tissue culture, Agricultural information and Communication technology.

New certificate courses are planned in Nursery-industry and cut-flower management, Soil testing, Post-harvest technology, Apiculture and sericulture, Mushroom cultivation, Value addition to crop or horticultural products, agricultural journalism, Micro-irrigation and repair and maintenance of tractors in the agriculture faculty.

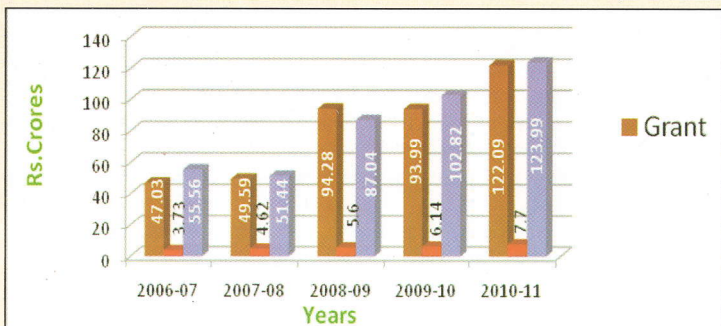
The artifact courses planned Veterinary Faculty are in Livestock and poultry feed formulation, Hatchery management, Veterinary clinics management, Poultry farming, Goat farming, Vector control, Herbal or indigenous systems of health management, Meat hygiene, Vaccine administration.

In Home Science Faculty the artifact courses are planned in Functional foods and nutraceuticals, Food testing or Quality assurance, Tie and dye design technique for fabric, Hand printing design technique for fabrics, fruit and vegetable preservation, Value added products from fruits and vegetables and Value added products from cereals and vegetables.

Outsourcing

In College of Dairy Science and Food Technology and in College of RE&EE, adjunct Professors are engaged for teaching of various subjects.

Financial analysis for the last 5 years



Seed production

Breeder or Truthful Seed Production

S.No.	Stage of seed	2005-06	2006-07	2007-08	2008-09	2009-10
1	Breeder Seed	1,235.02	1,491.04	2,504.40	2,330.88	2,978.59
2	Certified or Truthful Seed	1,939.55	2,060.23	2,295.45	2,417.00	3,280.08
Total		3,174.57	3,551.63	4,799.85	4,747.88	6,258.67

Goals

On the occasion of Swarnim Gujarat (2008-10), the following Golden goals were decided and achieved by the university. Three new faculties of Dairy Science and Food Technology, Horticulture and Agri-business Management in 2008-09; two new faculties for Basic Science and Humanities, and Renewable Energy and Environmental Engineering (2009-10); two polytechnic colleges in agriculture and horticulture for tribal people at Amirgadh and Khedbrahma (2008-09); upgradation of three existing agricultural schools to agricultural polytechnic (2008-09); Laboratory-cum-office building at Jagudan, Vijapur, Ladol, Radhanpur, Khedbrahma, Talod, Bhachau, Adiya, Kholwad and Bhiloda, student hostel at Jagudan and Khedbrahma (2008-09); Five 1 year dual diploma programme (2008-08). B.Sc. and M.Sc. in Basic Science (2009-10); 25 short term (3 months) certificate courses (2008-09); Agricultural Research Complex at Kothara, Dr V.M. Jhaja Veterinary Clinic Complex at Deesa (accreditation by the ICAR, in March, 2009; Student strength from 800 to 2400 (2008-11); Doubling the receipts under revolving fund scheme. Mega seed, sorghum and pulses research building; Cryogenic grinding of organic seed spices; Very high quality adherents, lubricants and cosmetic derivatives from castor oil in PPP mode with industry under ICAR-NAIP Project-II; Olive plantation from Israel on 400 acre of land. Eco tourism at three locations on 3,000 ha, farm, and linking the campus with Deesa town.

Salient Contributions

The university helped Gujarat state become the first in the productivity of mustard, castor, cotton, potato and cumin; second in the productivity of pearl millet (Bajra); and third in the productivity of guar and gram. The Kankrej bull and cows selectively bred here were given a brand name of "BANAS" and its alumni are now occupying the highest positions in the Government of Gujarat.

NAIP projects

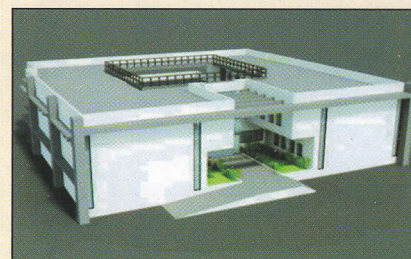
The university has three NAIP projects, viz., Value chain in major seed spices for domestic and export promotion (NAIP-II); A value chain in castor and its products (NAIP-II); and Integrated project for research on developmental process and sustainability of livelihood in selected disadvantaged districts of Gujarat state (NAIP-III).

Achievements

The university become the pioneer in development of first commercial hybrid in cotton (tetraploid and diploid), castor and pigeonpea utilizing the conventional as well as all the systems of sterility. For the first time it identified Jatropa variety SKNJ1 for bio-diesel production. Varieties of wheat, cumin, castor, isabgol, fennel and potato have attracted national and international traders equally. The wheat varieties developed by it are known for their thermo- tolerance and water-use efficiency, and have performed well under extremely dry condition too. Its distinctive research on underutilized crops, provided three varieties in grain amaranth and one variety in wild watermelon. Good export-quality datepalm, and low-maintenance Banni buffalo, Kutchi goat and Kutchi camel are the highlights of its endeavors.

Education

The university offers a comprehensive educational package for nurturing excellence in professional education to train



Agriculture Research Complex at Kothara



Chimanbhai Patel College of Agriculture

human resources in agriculture and allied fields for nation building through agriculture and rural development. Under this package eight faculties are operational, wherein 15 percent undergraduate and 25 percent postgraduate seats are reserved for candidates of other states. The course curricula of various degree programmes are as per the guidelines and norms fixed by the ICAR and Veterinary Council of India.

Chimanbhai Patel College of Agriculture

The Chimanbhai Patel College of Agriculture was established as a constituent college of the Sardarkrushinagar Dantiwada Agricultural University (erstwhile Gujarat Agricultural University) in June 1982 in the primary school building at the university campus. Subsequently it was shifted to the present two-storey building on 24 December, 1991.

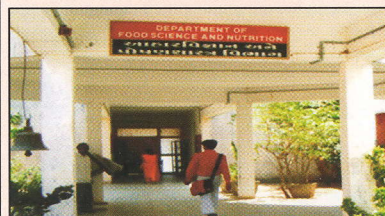
College of Veterinary Science and Animal Husbandry



College of Veterinary Science and Animal Husbandry

The College of Veterinary Science and Animal Husbandry was established on 17 January, 1981 in the press building of the erstwhile Gujarat Agricultural University. By 1992 the main building of the college was constructed with a two-floor building spread over 1 ha. The ground floor consists of departments viz., Veterinary anatomy, Animal genetics and breeding, Livestock production management, Veterinary surgery and radiology, Veterinary gynaecology and obstetrics, Veterinary medicine, Veterinary and animal husbandry extension, Avian production management, and Teaching Veterinary clinical complex, beside the administrative wing. The other departments are: Veterinary pharmacology and toxicology, Animal nutrition, Livestock products technology, Veterinary pathology, Veterinary parasitology, Veterinary microbiology, Animal biotechnology, Veterinary public health, Veterinary physiology and biochemistry and Regional animal disease Investigation centre with well equipped laboratories. The Livestock research station having Banas Kankrej cow, Mehsani buffalo, Mehsana goat and Patanwadi sheep is another additional facility to the college.

ASPEE College of Home Science and Food Nutrition



ASPEE College of Home Science and Food Nutrition

The ASPEE College of Home Science and Food Nutrition was established on 17 November, 1981. Its mission is: (i) Empowerment of rural women and their families through integrated activities of teaching, research, extension and transfer of improved technologies in different areas to impart education and training directed towards fulfilling the needs of rural families. (ii) To carry out research related to changing needs of rural families and problems confronted by them, and (iii) To develop human resources in Home Science for government jobs and for self employment. This college offers B.Sc. (Hons.) course of 4 years in Home science and nutrition Degree programme, which has been framed to meet the rural needs as per the recommendations of the ICAR. The students are exposed to field experience through practical classes and field work and are given professional orientation through elective courses.

Shri Galabhai Nanjibhai Patel Dairy Science and Food Technology College



Shri Galabhai Nanjibhai Patel Dairy Science and Food Technology College

To impart education and human resources development in dairy and food industry, the College of Dairy Science and Food Technology was established at the university in May 2008. Currently the college offers a B.Tech. degree in Dairy and Food technology and B.Sc. in Food Quality Assurance, and has an intake capacity of 40 and 30 students, respectively per year. The college was established under Public-Private Partnership (PPP) mode, with the signing of a tri-partite memorandum of understanding between the SDAU, Government of Gujarat and Gujarat Co-operative Milk marketing Federation Ltd. GCMF will partly sponsor the construction of college building.

College of Agri-business Management

The Government of Gujarat gave approval for establishing a college of Agri-business

Management during academic year 2008-09. MBA (AB) is a full time 2 year career oriented professional post-graduate management, agro-industrial projects as well as agriculture entrepreneurship. The college has well-qualified and experienced faculties.

Polytechnic in Agriculture and Horticulture

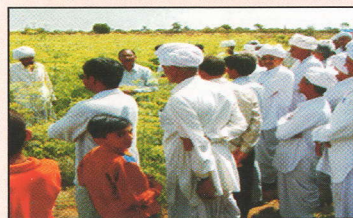
Two existing agricultural schools have been upgraded to agri-polytechnics at Khedbrahma and Deesa, and one agricultural school is upgraded to hortipolytechnic at Jagudan. One new agri-polytechnic has been established at Amirgadh.

Research:

The research activities of the university are headed by Director of Research, mainly focusing on niche specific, strategic and anticipatory research on mandatory crops, livestock and mixed farming systems of agriculture and animal husbandry. It is location specific and directed towards achieving excellence. The

aim is to generate valuable data, evolve technologies or tools to improve productivity for preserving the sustainability and value addition of farm produce. The university has an integrated network of 10 on-campus and 17 off-campus research stations with multi-disciplinary approach focusing on crop or livestock improvement, natural resource and input management, seed or sapling production and post harvest technology. Moreover, 19 ICAR projects (AICRP or Network) on relevant crops and subjects are functioning here. Large-scale adoption of the varieties developed by the university along with pragmatic recommendations have helped the State in consolidation of agricultural production.

Extension Education: (Helping Farmers to Help Themselves)



New University BIHAR AGRICULTURAL UNIVERSITY, SABOUR

The second agricultural university in Bihar, Bihar Agricultural University, Sabour, is created as per Bihar University Act, 2010. Dr M.L. Chaudhary, is VC of the university for a period of 5 years.

History

Bihar Agricultural College, Sabour is one of the oldest Agriculture colleges in India, established on 17 August, 1908. The committee for the reorganization of the department in its report submitted in 1921. It also recommended the closing of Agricultural College, which was closed in 1923. Later, it was reopened and, establishment as RAU with headquarters at Pusa (Samastipur) in 1971, B.A. College and Research Institute at Sabour started functioning as a campus of this university. The BAU, Sabour, was established to improve and advance the human welfare through improving the quality of life for the people of Bihar, especially the farmers, and ultimately the society at large. The college has rare opportunities of achieving the following six first in the realm of agricultural science in the country:

1. Organized research on rice crop was started here for the first time in India (1935-36).
2. Pioneer work in horticulture started here, resulted in the release of first mango hybrids of the country, viz. Mahmood Bahar and Prabha Shanker, in 1950s.
3. The systematic soil survey work on a large scale was also initiated pretty early at Sabour.



College of Agribusiness Management



Research (Excellence and Location-Specific Relevance)



University Building

4. For the first time post-graduate teaching and research in Extension Education was introduced.
5. Special Extension Block was attached to the college to serve as live laboratory for the students of the college.
6. Regional Research Institute was completely integrated with the college quite before the establishment of the agricultural university.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

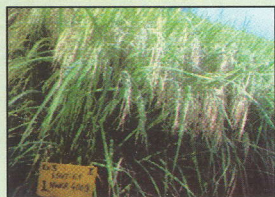
ANAND AGRICULTURAL UNIVERSITY, ANAND

New varieties

The following seven varieties of different crops developed by AAU and recommended by combined AGRESO meeting of SAUs of Gujarat during April 2011 were recently released by State Seed Subcommittee of Gujarat, for cultivation by farmers of Gujarat.

Rice : (GAR 2)

Gujarat Anand Rice 2 Developed from a cross Gurrari × IET-14714. Mid-early maturing, resistant to bacterial leaf blight (BLB), sheath rot, false smut and grain discolouration. Fertilizer responsive and non-lodging. Possesses awnless long, slender, fine grains with export quality. Yield 45-50 q/ha.



Okra : (AO-5)

Anand Okra-5 bears Fruits with attractive shape and size and of deep green colour. Fetches higher price compared with other released varieties. Suitable for YVMV prone belt of Gujarat during rainy (kharif) season. Less attack by fruit borer, jassids and whitefly. Yield is 141.11 q/ha.



Chilli : (GAVC 112)

Gujarat Anand Vegetable Chilli-112 bears elongated, straight, pungent, compact and light green fruits. Low incidence of anthracnose, thrips and fruit borer compared with the check varieties. Fruit picking easier, which reduces labour cost. Already approved for cultivation under AICRP programmes for Zone VIII. Green-fruit yield is 127.05 q/ha.



Chilli : (GAVCH-1)

Gujarat Anand Vegetable Chilli Hybrid 1 is the first CMS based hybrid of Gujarat. Parents: Female with CMS line (A line), CCA; Male with R line, ACR 1. Low incidence of anthracnose, thrips and fruit borer compared with the check varieties. Elongated, light green, pungent fruit with semi-wrinkled surface. Green-fruit yield is 237.33 q/ha.



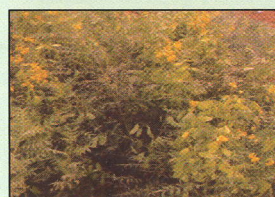
Forage crop : (GAAG-1)

Gujarat Anand Anjan Grass-1 is the Selection from natural population of Anjan grass from Kutchh district of Gujarat. Tall-growing perennial grass. High leaf: stem ratio with low oxalate and nitrate content. Better palatability. Green-fodder yield is 214.5 q/ha/year and dry-matter yield is 72 q/ha/year.



Medicinal crop : (GAS-1)

Gujarat Anand Senna 1 is the first genotype released in the State. Recorded 1,834 kg dry-flesh yield which was 71.4 and 53.6 per cent higher than that of the check varieties ASNTV and Sona, respectively. Sennoside content also higher than that of those to check varieties.



Maize : (HQPM-1)

High Quality Protein maize 1 is yellow-seeded, mid-maturity group, single-cross hybrid, with long, cylindrical cobs. Tolerant to Maydis leaf blight stem-borer and drought stress. Lysine and tryptophan contents nearly double than of normal maize. Endorsed for cultivation across the State in rainy (kharif) and winter (rabi) seasons. Yield 68.84 q/ha.



Aquaculture in Gujarat

Memorandum of understanding (MOU) was signed on August 2, 2011 between Central Institute of Freshwater Aquaculture, Bhubaneswar, (Odisha) and AAU, to establish Regional Research Centre in Gujarat. It was signed respectively by Dr P. Jayasankar, (Director) and Dr K.B. Kathiria, (Director of Research and Dean, Post-Graduate Studies). The RRC at Devataj has started functioning. It will serve the extension, teaching and research needs of freshwater aquaculture in Gujarat.



EDGE award

InformationWeek-India honours the organizations that use IT for maximizing the business impact. In this context, AAU received the Information Week EDGE Award-2011 for its noteworthy contribution for use of IT to develop agriculture through e-kirshi kiran project. The award was given at a function held at INTEROP (Bombay Exhibition Centre, Goregaon, Mumbai) on September 30, 2011.



CSK HIMACHAL PRADESH KRISHI VISHVAVIDYALAYA, PALAMPUR

Achievements of students

The students of Dr G.C. Negi College of Veterinary and Animal Sciences, CSKHPAU, Palampur bagged eight positions out of 18 in Remount Veterinary Corps. Those selected include Drs Nikhil Chopra, Aman Sood, Abhinav Sharma, Pankaj Sharma, Parul Pargal, Jaipaul Chauhan, Ashutosh Thakur and Raj Bharat Sharma who will join shortly the training at Meerut. Among the passed out graduates Dr Neeraj Chadha successfully qualified Indian Forest Services examination, securing 16th position, and Dr Chiranjee Lal secured the second position in H.P. Administrative Services for the year 2011-12.

During this year, the students of the college secured good positions in the ICAR JRF examinations. Dr S. K. Sharma, VC, appreciated the efforts and exhorted the students of constituent colleges to emulate them to excel in their careers.

Grant to the university from M.P.

Mr Shanta Kumar, Member, Rajya Sabha and former Chief Minister, H.P., sanctioned Rs 25 lac to the university from his M.P. Area Development Fund. He was the chief guest here at oath taking ceremony of passing-out veterinary graduates in Dr G.C.Negi COVAS on 6 July 2011. While addressing the 19 neo-graduates and scientists, emphasized the need to increase milk production, because milk worth Rs 50 crores was imported in Kangra district alone annually from the neighbouring states. Dr S.K.Sharma, VC, while expressing his gratitude to Mr Shanta Kumar, informed that this grant will be utilized for the construction of new lecture theatres in the university. Dr A.C.Varshney, Dean, COVAS highlighted the teaching, research and extension activities of his college.

DR PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA

Projects sanctioned

The Government of Maharashtra sanctioned three projects worth 16.87 crores to DPDVK, Akola under Rashtriya Krishi Vikas Yojana during 2011-12. These projects include Promotion and seed production of improved varieties developed by the vidyapeeth (Rs.7.13 crore), Transfer of integrated crop management and technologies developed by it (Rs.4.84 crores), and Establishment of farm machinery, testing and training centre (Rs.4.90 crores). These projects will help encourage seed production and promotion of varieties as well as the technologies developed by the university. The farm machinery training centre will act as a resource centre for getting technical know how about the implements.

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

Eradication of Parthenium weed

The Department of Agronomy of College of Agriculture spread awareness about the hazards of harmful Parthenium weed,



Inauguration of Parthenium awareness week

which has spread even up to 8,000 feet height in the Uttarakhand hills. A 'Parthenium awareness and management week' was organized during August 16 to 23, 2011. The programme was inaugurated by Dr B.S. Bisht, VC, who laid emphasis on the eradication of this noxious and highly adaptable weed. The scientists organized programs in schools and villages to educate people about this weed, so that it could be eradicated by their collective efforts.

Community radio station



Inauguration of Community radio station

Dr B.S. Bisht, VC, inaugurated Community radio station at Pantnagar on August 8 2011. The broadcast of programmes from this station started from August 15, 2011 in the name Pantnagar Janvani on 90.8 MHz frequency. This broadcast has an aerial range of 15-20 km radius. In the beginning, 1 hr programme is being broadcast during 8:00 to 9:00 a.m., which is repeated twice, during 1:00 to 2:00 p.m. and 7:00 to 8:00 p.m. Its duration will later be increased to 2

Aromatic rice for organic farming



Pant Sugandh Dhan 21

After a decade of research the university scientists evolved a new variety of rice, Pant Sugandh Dhan 21, whose cultivation through organic farming will be more beneficial. This is the first variety of aromatic rice in Uttarakhand, which is suitable for organic condition of cultivation. Its grains are awned to tip-awned. Plant height is 106 cm. This variety is resistant to bacterial blight and sheath blight and moderately resistant to stem borer and leaf-folder insects.

The productivity is 35 q/ha in organic conditions. The rice is scented and becomes almost double in length on cooking. Cooked rice is shining white and soft in eating. This variety was developed under the project 'Breeding for organic farming situation of basmati rice varieties and hybrids' sponsored by state government or the university. It was released for the plains of Uttarakhand and Uttar Pradesh.

Drip irrigation technology in rice

The university farm has started large-scale use of drip irrigation technology in rice from this season. The technology will be useful not only in saving the precious water resource but also in providing micro-nutrients to the crop with water and saving a good amount of fertilizer. The technology also solve the problem of uneven flow of water in undulated fields. The system will also irrigate the subsequent crops of wheat or pea or sugarcane. The rice field is working as a model to extend the technology to the farmers.

GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY, LUDHIANA

Goat farming

The Department of Veterinary and Animal Husbandry Extension Education, organized the first specialized training on goat farming during May 9 to 23, 2011. Twenty two farmers from different areas of Punjab and its neighboring states attended the training and showed keen interest in learning the techniques used in goat rearing. Knowledge was imparted to the trainees about housing, nutrition, feeding, management practices, handling of new-borne, calves, value addition and preparation of frozen products from goat meat and milk.

INDIRA GANDHI KRISHI VISHWA VIDYALAYA, RAIPUR

National award for KVK

The Vishwavidyalaya received two national awards of the ICAR, at a function held on July 16, 2011 at New Delhi, from Shri Sharad Pawar, Union Minister for Agriculture and Cooperation along with Shri Charan Das Mahant and Shri Harish Rawat, Ministers of State, Agriculture and Food Processing. The other dignitaries present were Dr S. Ayyappan, DG, ICAR; as well as DDGs, ADGs, VCs of many universities



Dr Charan Das Mahant, felicitating the KVK, Jagdalpur

and the secretaries of Government of India. The awards were received by Dr M.P. Pandey, VC, and Dr S.C. Mukherjee, Programme Coordinator, KVK, Bastar.

These awards include National Krishi Vigyan Kendra Award and Fakhruddin Ali Ahmad Award for Research and Extension, with significant contribution in the field, using new appropriate technologies with traditional farming to improve the livelihood and sustainability blending among tribal farmers. The KVK award was conferred to the team of scientists namely Dr S.C. Mukharjee, Smt R. Nashine and Dr U.S. Gautam. The KVK helped improve the well-being of more than 4,836 poor families in 34 villages of Bastar district. More than 22,026 ha land was reclaimed for agriculture of which 18,335 ha is being cultivated. The annual household income has increased by more than 50% and cropping intensity from 107% to 200%. Employment generation increased 5-fold and migration decreased by 64%. Women empowerment through SHGs has become a source of inspiration to many as they have been linked up with banks for micro-enterprises, which helped increase their income from Rs 1,000 to Rs. 2500 per month.

29th Group meeting on Potato

The 29th group meeting on All India Coordinated Research Project of ICAR on Potato was organized at Raipur, (Chhattisgarh) in collaboration with the ICAR, during September 10 to 12, 2011. Total Seventy two potato scientists from 27 co-ordinated

potato research centres attended the meeting. A seminar (Potato day farmers - scientists seminar) was organized. Dr Charan Das Mahant, Ministers of State, for Agriculture and Food Processing, Govt was the chief guest, who inaugurated it. Shri Chandrashekhar Sahu, Agriculture Minister of Chhattisgarh presided over the function. Dr Charan Das Mahant, suggested for the establishment of a Centre of Excellence in Potato, Tuber Crops and Vegetables at IGKV and stressed upon giving priority to horticultural crops. The dignitaries who graced the occasion were: Dr H.P. Singh, DDG (Horticulture), ICAR, New Delhi; Shri D.S. Mishra, Principal Secretary (Agriculture) and Agriculture Production Commissioner, Government of Chhattisgarh, VC, IGKV; Shri Raj Kamal Singhania, MLA (Kasdol); Shri Gurumukh Singh Hora, MLA (Dhamtari); and Dr B.P. Singh, Director, Central Potato Research Institute, Shimla.



Dr Charan Das Mahant, addressing the Potato Farmers - Scientist seminar

JUNAGARH AGRICULTURAL UNIVERSITY, JUNAGARH

Krushi mahotsava - 2011

Krushi Mahotsava 2011 was celebrated at Junagadh during 6 May-5 June, 2011. The government of Gujarat has been organizing it for the last 7 years to extend the expertise of the agricultural scientists to the farmers of the state. It has helped strengthen the peoples' participation and spread the modern technology, agricultural machineries, farm-operation methods, new varieties of crops, and ideas of water conservation, energy conservation, etc. to the farmers. On this occasion 300 agricultural scientists of the university go from village to village and provide guidance to the farmers. This year, in this Mahotsava, PG students of JAU were also sent to the villages so that they get acquainted with the conditions of the farmers and accordingly can carry on their research work. Moreover, the main occupation of the villagers, situated at coastal areas of Saurashtra region are doing fishing; therefore with a view to provide them guidance regarding modern techniques related to fishing. The students of Fisheries College also joined the Krushi Rath. Some VCDs regarding the main five crops of Saurashtra region (cotton, groundnut, millet, sesame and pigeonpea) were prepared by the university and distributed to more than 4,600 village sarpanchs.

Mega Krushi Mela

A Mega Krushi Mela was also organized for 2 days which was visited by 65,000



Shri Narendra Modi, CM inaugurating the Mega Krushi Exhibition at Una



Shri Narendra Modi, CM visiting stalls of Krushi exhibition



Agricultural Minister, Shri Deleep Sanghani and Kanubhai Bhalala and other dignitaries inaugurating the Mega Krushi Mela at Una



Hon'ble Shri Narendra Modi addressing the farmers at Krushi Mela, Una the concerned conveners at the seventh combined joint AGRESKO meeting of SAUs held at AAU, Anand during April 25-27, 2011. Six new varieties or hybrids, 32 recommendations for farmers, eight scientific findings and 94 new technical programmes were approved.

Best ATMA District Silver Award



Dr J. N. Nariya, receiving Best ATMA district award from Shree Ajaykumar, DDO Jamnagar

Dr J.N. Nariya, Programme Coordinator cum-Project Director (ATMA), KVK, Jamnagar has been accredited and ranked the best performing ATMA district for the years 2006-07 and 2007-08. He received a cash prize of Rs. 50,000, for each year on 27 June, 2011.

MARATHWADA KRISHI VIDYAPEETH, PARBHANI

Solar tunnel dryer and kagzi lime grader

The vidhyapeeth developed a solar tunnel dryer, designed to dry 50 kg red chilli (costing Rs.13,000) and power operated kagzi lime grader with maximum grading efficiency of 95%. These were approved during the 39th Joint meeting held at MPKV, Rahuri during May 29 to 31, 2011. Modification in the cross-section area of field bund from 1.1 m², graded bund to 1.5 m² with 1.13 m top width, 3.61m bottom width and 0.63 m height in response to climate variation was also approved.

Visit of Dr S.S.Ambekar to Philippines

Dr S.S. Ambekar, Sorghum Breeder and Country Coordinator, CPC-FAO-ICRISAT, attended Annual Review and Work Plan meeting at Philippines during 24-25 May 2011. The meeting deliberated on ethanol and syrup production from sweet sorghum and chalked out research plan.

Accolades to students

The students Counseling and Placement Cell, College of Agricultural Engineering, Parbhani received good success during 2011. Forty college students were recruited as Agricultural Engineers in six organizations including M/s Jain Irrigation, Jalgaon; Mahindra & Mahindra, Mumbai; Tractor & Farm Equipment, Chennai; and Netafim Irrigation Ltd., Pune; etc. Seventeen students were qualified for JRF, five students registered success in GATE, two students admitted for post-graduate course at AIT, Bangkok, and two students were selected in Indian Army.

Laurels to Shri B.G.Suryawanshi

Shri. B.G. Suryawanshi, student final year B.Sc.(Agric.) was selected as Lieutenant in Indian Army after success in Combined Defense Services examination conducted by UPSC in June 2011. On June 15, 2011, Dr K.P.Gore, VC lauded and felicitated the cadet on his marvelous achievement.

Jawaharlal Nehru Award to Dr V.S.Khandare

Dr V.S. Khandare, Associate Professor of Horticulture bagged Jawaharlal Nehru Award for outstanding PG Doctoral thesis in Agricultural and Allied Sciences for 2010. Shri Sharad chandrajji Pawar, Union Minister for Agriculture, Government of India, New Delhi presented him this award along with a gold medal, Rs. 50,000 in cash and the citation at a function organized by the ICAR, New Delhi on July 16, 2011. He studied antioxidants in black carrots, which improved and retained natural colour and enhanced the functional quality besides improving the therapeutic value in curing carcinogenic diseases and other diseases induced by life-style in

human being.

Good-Performing AICRP centres

The Directorate of Oilseeds Research, Rajendranagar, Hyderabad identified AICRP (Sunflower), Latur centre and AICRP (Safflower), Parbhani centre of the Vidyapeeth as very good performing AICRP centres, ranking third in India. The performance was reviewed at the meeting held on June 17 and 23, 2011 under the Chairmanship of Dr Ayyappa, DG, ICAR, New Delhi.

ORISSA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, BHUBANESHWAR

A state level Research Council Meeting was held during May 17 to 21, 2011 at the university headquarter, Bhubaneswar. It was attended by eminent scientists, teachers and extension specialists of OUAT along with extension operation of Directorate of Agriculture and Food Production, Government of Orissa. The research results of 2010-11 were presented session-wise and the transferable technologies were conveyed to the extension officers of Agriculture Department, of the state, Government of Orissa. The technical programmes for the year 2011-12 were also finalized.

The university is the first in the country in transmitting information weather SMS to the farmers, Government departments and district administration and hence India has accepted it as a model for the entire country.

The recommended kharif onion varieties or lines for western Orissa are N-2-4 1, NRCRO 2, Arka Niketan and NRCWO 1, with bulb yields of 241.4, 239.1, 238.5 and 229.7 q/ha, respectively. Groundnut planting was most economical with tractor-operated multi-crop planter, the cost of planting being 1,221/ha. Tractor-operated groundnut harvester took only 3.7 hr compared with 23.3 mandays to harvest 1 ha. Value-added products from mahua like mahua bar, candied flower, dried flower, ready-to-serve beverages, squash and jam preparation technologies were disseminated to the extension functionaries of the line department.

Applications were filed for registration of 23 crop varieties with the PPV and FR Authority, Out of these, 13 rice varieties were registered so far, viz, Pratikshya, Jogesh, Mahanadi, Indrabati, Prachi, Ramachandi, Jagabandhu, Kharavela, Sidhanta, Lalitagiri, Udayagiri, Gajapati and Uphar, along with 2 blackgram varieties Ujala and Prasad.



Dr Khandare receiving gold medal from Shri. Sharadchandji Pawar



Tractor operated Multi Crop Planter



Tractor Operated Groundnut Harvester



PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

Kisan mela

In the PAU Kisan mela on September 23, 2011, Dr Arvind Kumar, Deputy Director-General, ICAR, remarked that "With the scientific acumen of PAU scientists and untiring efforts of the Punjab farmers, the State today is leading in agriculture sector".



Lauding the key role of extension functionaries of the state departments, he congratulated the farmers for their contribution in achieving the record production of 241 million tonnes foodgrains. Dr Kumar, however, expressed his concern over the food security issue. In view of rising population, the nation requires 5.5 million tonnes more foodgrains every year. The need of the hour is to improve production through technological inputs and strengthen the farm research to attain sustainability. Disclosing that 40 per cent of the children in the country under 5 are under weight, Dr Kumar added that nutritional food security is also a matter of utmost concern. Acknowledging the role of PAU in the agricultural development, he said that varieties like of wheat crop PBW 343 and production technologies have also become popular with the farmers of other states. The farmers are earning good profits from bee-keeping and growing of mushrooms and high value crops. Dr Kumar visited various field demonstrations and interacted with the scientists and farmers.

Dr Baldev Singh Dhillon, VC, thanked Dr Arvind Kumar and highlighted various landmark achievements made by the university and pointed out future challenges in agriculture along with strategies to find solution to these problems.

Team laurels in sports meet

Ms Lovepreet Kaur, a student of B.Sc Agri. (Hons) of College of Agriculture, was a member of Indian (U-15) Girls' Team that participated in Prtille Cup held at Gothenburg (Sweden) during July 4 to 9, 2011. The team was ranked fifth in the tournament. About 1,100 teams from 96 countries participated in Partille Cup.



Ms Lovepreet Kaur

SARDARKRUSHINAGAR DANTIWADA AGRICULTURAL UNIVERSITY, SARDARKRUSHINAGAR

2nd Consultative meet of Deans of agricultural universities

The second Consultative meet of Deans of Agricultural Universities was held during August 12 to 14, 2011 at the university campus, Sardarkrushinagar. Dr S. Ayyappan, DG, ICAR and Secretary (DARE), Gol, New Delhi, inaugurated it. Dr R.C. Maheshwari, VC, SDAU welcomed Dr Ayyappan, as well as, Dr Arvind Kumar, DDG, ICAR, New Delhi; Dr A. M. Sheikh, VC, AAU, Anand, Dr A.R. Pathak, VC, NAU, Navasari; Dr H.N. Kher, Organizing Secretary, Consultative Meet, Deans of agricultural universities, University officers, scientists and press media. Dr Maheshwari highlighted the achievements of the university in the fields of education, research and extension. Dr Ayaappan address emphasis on the quality of education, pointing out that the standard of education, especially of agriculture, needs improvement. During the inauguration function, different publications were released viz. Vision 2030, Agricultural statistics: SDAU domain, Research accomplishments and Recommendations-2011 and On/off Campus research stations profile. More than 190 delegates from different agricultural universities participated in the meet. On the first day, agenda-wise discussions were carried out under the chairmanship of Dr S. Ayyappan. A kisan goshti was also organized under his chairmanship, where he interacted with the farmers of north Gujarat. On the second day break-out sessions were also arranged for faculty-wise discussion. Prof. R.B. Singh, President, NAAS, delivered the lecture regarding various activities of NAAS. A Plenary Session of the meet was carried out under the chairmanship of Dr S. A. Patil, Chairman, Karnataka Krishna Mission and Former Director, IARI.

★ ★ ★

Awards

DR BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH, DAPOLI

SDSH Fellow Award 2011 to Dr Bharat Salvi

Dr Bharat Salvi, Horticulturist, RFRS, Vengurla, received national level SDSH fellow Award, 2011 by Horticulture Society of India during the global conference on augmenting production and utilization of mango, organized jointly by International Society of Horticultural Sciences and Horticultural Society of India, held during 21-24 June, 2011 at Central Institute of Subtropical Horticulture, Lucknow.

Bharat Shiksha Ratna Award 2011 to Dr K.D. Patil

Dr K.D. Patil, Associate Professor of Agricultural Chemistry and Soil Science, felicitated by Bharat Shiksha Ratna Award 2011 by Global Society for Health and Education, New Delhi. Shri Bhishma Narayan Singh, former Central Minister as well as former Governor of Tamil Nadu, gave him the award in the presence of Dr Bhakare, Director, UNESCO, and Shri Durani, Secretary, Congress Committee, on 29 August, 2011.

Best Citizen of India Award 2011 to Dr D.D. Nagvekar

The International Publicity House, New Delhi felicitated, Dr Dilip Nagvekar, Agronomist, RCRS, Bhatye, by presenting by Best Citizen of India Award, 2011.

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

Awards to university and its VC awarded

The Knowledge Resource and Welfare Group awarded the university with 'Multi-disciplinary sciences of agriculture, basic sciences and technology award'. It also

awarded, Dr B.S. Bisht, VC, with Educational leadership-2011 award for his special contribution and services in educational field. Both the awards were given of the conference on 'Wholistic education in professional and technical Institutions', held at Indian Institute of Technology.

JUNAGARH AGRICULTURAL UNIVERSITY, JUNAGARH

Merit certificate to Shri Shankaramany

Shri Jadala Shankaraswamy, pursuing Ph.D. in Horticulture at College of Agriculture, JAU, Junagadh received the award a cash prize of Rs 10,000 and a merit certificate for presenting the best essay. He participated in an essay competition on "Horticulture, food and health care" organized by Lt. Amit Singh Memorial, Foundation, New Delhi during 28-31, May 2011 at Dehradun.



Dr B.S. Bisht



Shri Jadala Shankaraswamy

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT

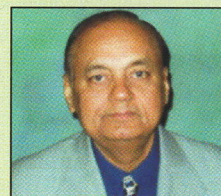
Dr G. Manjunath, Assistant Professor of Plant Pathology, College of Horticulture, Bagalkot, (Karnataka) received Jawaharlal Nehru Award for Post-graduate agricultural research in the field of Biotechnology for the year 2010 at New Delhi from Shri Sharad Pawar, Union Minister for Agriculture on July 16, 2011.

Dr Ramendra Singh joins Editorial Board of IAU Newsletter

Dr Ramendra Singh, joined as member, Editorial Board of IAU Newsletter. He was born on 4 July, 1942 in village Utravali, distt. Bulandshahr, had elementary and secondary education in Delhi. He did his graduation with honours in Agriculture and Animal Husbandry from U.P. Agricultural University, Pantnagar. He did M.Sc. in Soil Science & Agricultural Chemistry from Indian Agricultural Research Institute, New Delhi. For his outstanding research in micronutrients in plant nutrition, supported by Rockefeller Foundation research scholarship, he was recommended to do his doctoral degree at Mississippi State university, the U.S.A. For his academic and professional contributions, Dr Singh was elected to Gamma Sigma Delta and Phi Kappa Phi fraternities of U.S.A. and as the Fellow of the Indian Society of Agronomy and Indian Institute of Agricultural Technologists.



Dr G. Manjunath



Dr Ramendra Singh

Dr Singh was Scientific Advisor (April 2004-March 2011) to TATA Chemicals Ltd. He set up Centre for Agri-solutions and Technology, an R&D initiative, for developing value-added plant nutrition and crop-management services. The CAT has been appreciated for its advanced Crop Nutrition Laboratory, with unique facilities of analysis (including ICP-OES) of soil, plant and water samples. Dr Singh started his career as Assistant Professor (Soil Fertility) at Agriculture Complex, HPU, Palampur during 1973-74. He worked with FAI as first Regional Executive (North) and then as Chief Agronomist from 1974 to 1982. He worked as International Soil Scientist on the IICA/EMBRAPA/World Bank project at CPATU/EMBRAPA, Belem, Brazil, during 1982-1985. He joined as Consultant Soil Scientist in 1986-87 in soil productivity research project, of NORAGRI, Agriculture University (Norway) at Misamfu Regional Research Station, Zambia. He also worked as General Manager (Agricultural Services) in Indo-Gulf Corporation Ltd from 1987 to 2000. He was consultant with iKisan.com Pvt. Ltd (a group of Nagarjuna Fertilizers) from April to September 2000 as Advisor for content management of agri-portal. He also worked as Consultant (Agronomy) to Cargill India from December 2000 to March 2004.

Printed Matter
Book - Post

STAMP

To,

From:

Indian Agricultural Universities Association
1G-2, CGIAR Block, NASC Complex, D.P.S. Marg Pusa Campus, New Delhi- 110 012