

# IAUA NEWS

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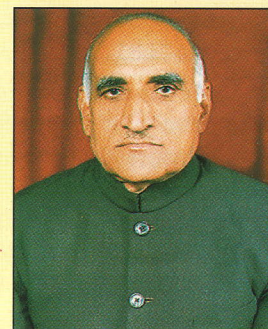
## SPOT NEWS

### Dr A.S. Faroda takes over as Chairman, ASRB (3 April, 2003)

Dr A.S. Faroda, born on 18 November, 1939 in Nagaur district (Rajasthan), graduated in Agriculture from Dayanand College, Ajmer; and did his M.Sc. (Agric.) Agronomy from Rajasthan College of Agriculture, Udaipur (1964) and Ph.D. from HAU, Hisar, (1973). He had brilliant academic career, receiving Gold Medal in M.Sc. (Agric.).

Dr Faroda started his career in November 1964 from Government Farm Kota, and joined teaching faculty at the College of Agriculture, Jobner (1965 to 1967). In 1967 he joined as Scientist at the Central Sheep and Wool Research Institute, Avikanagar (Rajasthan). He spent 21 years of his research career at HAU, Hisar in different capacities; headed the Agronomy Division and worked as Director-Extension Education (May 1992 - May 1995). Then he joined as Director of the Central Arid Zone Research Institute, Jodhpur, on 28 September 1995 and worked there till 30 November 1999. He is founder Vice-Chancellor of Maharana Pratap University of Agriculture and Technology, Udaipur, (December 1999) and on merit got a second term.

He is a Fellow of Indian Society of Agronomy, and has been its President (1991 to 1994 and 1992 to 2000). He visited several countries and has published 200 research papers including bulletins and books.



Dr A.S. Faroda

### Dr Anwar Alam takes over as Vice-Chancellor of SKUAST, Shalimar Campus (5 April, 2003)

Dr A. Alam did his B.Sc. (Agric. Engng) from Allahabad Agricultural Institute in 1963 in first division with distinction; M. Tech. (Farm Machines and Power) in 1965 from IIT, Kharagpur; and Ph.D. (Agricultural Engineering) in 1972 from University of Illinois, Urbana-Champaign, USA.

Dr Alam started his career as Assistant Engineer at AAI, Allahabad, and rose to the position of Deputy Director-General (Agric. Engng), ICAR (1 January 1998 to April 2003). He has held many responsible positions such as Research Engineer, Project Coordinator, AICRP (Agric. Structures and Process Engng, 1978 to 1981), Assistant Director-General (1981 to 1995) and Vice-Chancellor IGAU, Raipur (September 1995 to January 1998).

He was elected Fellow of National Academy of Agricultural Sciences (2000), President and Fellow of Indian Society of Agricultural Engineers, and Vice-President (Tech.) for 2 years. He got ISAE Commendation Medal for Research in Agricultural Processing (1981), Distinguished Service Award, and Outstanding Scientist in Agricultural Engineering Award (1998). He is Member of Institute of Engineers (India), Member, Asian Association of Agricultural Engineering, and Member, Alpha Epsilon, Gamma Sigma Delta, and Sigma-XI of the USA. He was also decorated with D.Sc. (*Honoris Causa*) in 1999 from CSAUAT, Kanpur.

Dr Alam developed many agricultural engineering machineries such as manual groundnut decorticator, solar-cum-wind aspirator, solar cabinet dryer and solar batch-in-bin dryer. He also worked as a high-level Chief Technical Advisor (January 1992 to December 1994) to FAO - IJO Regional Network on Improved retting and Extraction of jute, involving Bangladesh, China, India, Indonesia, Nepal and Thailand.

He has also been Chairman/ Member of Academic Councils (4); Member/ Chairman, Board of Management of SAUs (5), ICAR institutes (4); Board of Advisor, IDBI; and Board of Director, Agro-Industries, U.P.

He has 298 papers to his credit, including 58 papers, 21 technical articles, 15 books and book chapters, 18 bulletins and 58 technical reports, and also 128 presentations and keynote addresses.



Dr Anwar Alam



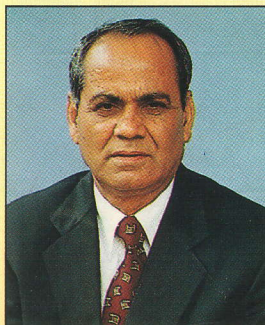
## **Dr Panjab Singh joins Scientific Advisory Committee of PM and as founder Director, School of Agriculture, IGNOU**

Dr Panjab Singh joined as Member, Scientific Advisory Committee to Prime Minister and also as founder Director, Centre for Extension and Education, School of Agriculture, Indira Gandhi National Open University, New Delhi in February 2003.

He was Vice-President of IAUA while serving as Director, IARI (Pusa), New Delhi and then Secretary DARE and D.G. ICAR, from 4 October 2001 till 31 December 2002.

Dr Singh has been elected third time President of Indian Society of Agronomy for 2 years from April 2003. He was the architect of the International Agronomy Congress and organized the first International Agronomy Symposium in November 1998 and second in November 2002 in Delhi. He is also the President, Indian Society of Agricultural Sciences and has been the President of the Range Management Society of India.

He has served in various capacities earlier as Vice-Chancellor of JNKVV, Jabalpur (1997-2000); Joint Director (Research), IARI



Dr Panjab Singh

(1994-1997); Director, ISFRI, Jhansi (1986-1994); and Assistant Director-General, ICAR (1979-1985). He had also worked as the FAOs Regional Plant Production and Plant Protection Officer at Bang-kok and as the FAO's Regional Co-ordinator, Temperate Asia Pasture and Fodder Network. He has authored 300 publications, including books.

### **Vice- Chancellor's Annual Conference, 2003**

Annual Vice-Chancellor's Conference of SAUs, CAU was organized on 1-2 April 2003 at New Delhi. Salient issues discussed during the conference were on Need for a national policy on agricultural education, Commercialization of agricultural education, Statutory powers to ICAR to regulate agricultural education, ICAR common entrance test, Restructuring of agricultural education and Concept note on World Bank funded agricultural higher education reforms project. In order to work out a uniform admission policy, restructuring of degree programmes and course curricula as per the changing national and global scenario and to draw minimum standards of academic regulation, IAUA will co-ordinate with Education Division of the ICAR for preparing a draft report for in-depth deliberations and for developing consensus for its uniform implementation in SAUs.

## **NEW VCs**

### **Dr Parmatma Singh**

Dr Parmatma Singh took over as Vice-Chancellor, Rajasthan Agricultural University, Bikaner, on 10 February 2003. He obtained M.Sc. (Agric.) degree in Agricultural Economics in 1961 from Agra University with second position, and joined Ph. D. at IARI, New Delhi in 1965. He joined CCS HAU, Hisar as a Research Officer in 1971, and in 1975 moved to Central Soil Salinity Research Institute, Karnal, as a Production Economist. In August 1980 he joined Indian Veterinary Research Institute, Izatnagar, as the Principal Scientist and Head of the Division of Livestock Economics and Statistics till early 1991. In May 1991 he joined IARI, New Delhi, and became Professor and Head of the Economics Division, and then Dean and Joint Director (Edn) on 21 August 2000. He has 125 publications to his credit. He was awarded Kheti Puraskar. His pioneering contributions are in Dairy economics, Sodic soil reclamation economics and Livestock health economics.



Dr Parmatma Singh



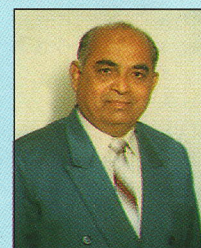
Dr Satya Saran Ghosh

### **Dr Satya Saran Ghosh**

Dr Satya Saran Ghosh joined WBUAFS University as Vice-Chancellor on 8 January 2003. He obtained his B.V.Sc. & A.H. degree in 1964 from Calcutta University, M.V.Sc. in Veterinary Bacteriology and Virology, and Ph.D. in Veterinary Bacteriology in 1971 from Agra University. He had Post-Doctoral training at the Institute of Tropical Medicines, Calcutta Medical College.

### **Dr S.S. Magar gets second term and Elected Member, IAUA, E.C.**

Dr S.S. Magar, joined as Vice-Chancellor of DBSKKV, Dapoli (Maharashtra) for the second term on 26 February 2003. He Started his career as Agricultural Supervisor and Demonstrator in Agricultural Engineering at College of Agriculture, Kolhapur. He worked as Professor and Head, Inter-Faculty Department of Irrigation and Water Management; Associate Dean, College of Agriculture, Kolhapur; and Director of Instruction and Dean, Faculty of Agriculture, MPKV, Rahuri before appointment as its Vice-Chancellor. He was Chairman / Member of 10 professional bodies, 11 academic and statutory bodies and 12 committees appointed by central or state governments. Dr Magar brought out 105 publications of research and technological innovations. He also authored 6 books and published 250 popular articles.



Dr S.S. Magar



# Focus on Universities - Achievements and Events

## DEEMEED UNIVERSITIES

### NATIONAL DAIRY RESEARCH INSTITUTE, KARNAL

#### Micro-Mineral Profile to Animals in Karnal District, Haryana

Samples (n) of green fodders and dry roughages were collected from NDRI farm and farmers' fields of Amargarh, Gorgarh, Shekhupur, Mahmaddpur and Nabipur villages located in Karnal district. These samples were analysed for iron, copper, zinc and manganese contents on atomic absorption spectrophotometer. Iodine content was analysed on ion-selective electrode. Average iron content (mg/kg dry matter) was wheat straw 250.35 (n=27), paddy straw 114.1 (n=25), berseem 45.07 (n=99), oats 422.75 (n=32), *jowar* 208.20 (n=30) and maize 169.45 (n=11). Average copper content (mg/kg dry matter) was, wheat straw 26.80 (n=27), paddy straw 2.22 (n=25), berseem 17.91 (n=97), oats 18.51 (n=32), *jowar* 13.0 (n=30) and maize 12.14 (n=11). Average zinc content (mg/kg dry matter) was wheat straw 17.08 (n=27), paddy straw 16.74 (n=25), berseem 36.56 (n=99), oats 32.61 (n=32), *jowar* 17.53 (n=30) and maize 18.18 (n=11). Average manganese content (mg/kg dry matter) was wheat straw 41.74 (n=27), paddy straw 128.21 (n=25), berseem 84.72 (n=99), oats 97.66 (n=32), *jowar* 73.67 (n=30) and maize 55.91 (n=11). Average iodine content (mg/kg dry matter) was, wheat straw 1.25 (n=27), paddy straw 1.11 (n=25), berseem 0.71 (n=90), oats 0.60 (n=24), *jowar* 0.78 (n=13) and maize 1.10 (n=7). These results indicate that zinc was invariably deficient in all roughages screened, and copper was highly deficient in paddy straw.

## UNIVERSITIES

### A Profile

#### JAWAHARLAL NEHRU KRISHI VISHWA VIDYALAYA, JABALPUR

##### Preamble

The biggest multi-campus university, Jawaharlal Nehru Krishi Vishwa Vidyalaya was inaugurated by the then Union Minister for Information and Broadcasting, Smt. Indira Gandhi on 2 October, 1964. At present, JNKVV encompasses seven colleges of Agriculture, two of Veterinary Science & Animal Husbandry and one of Agricultural Engineering; nine Zonal Research Stations; 16 Regional Research Stations and 18 KVK in 9 agro-climatic zones spread over 45 districts. The university occupies, 1966 ha, out of which, 1,250 ha is utilized for agricultural research and seed production. The climate varies from semi-arid to sub-humid with hot summer, cool and dry winter and 600-1,600 mm mean annual rainfall. The area contains seven types of soils, varying from heavy black to light alluvial. The soils are deficient in available nitrogen, phosphorus, zinc and sulphur but medium to high in potassium.

##### Mission

To conduct education, research and extension activities for enhancing productivity, profitability and sustainability of agricultural production systems and quality of rural livelihood in Madhya Pradesh.

##### Mandate

- \* To serve as the Centre of teaching and research in the field of agriculture and allied sciences.
- \* To disseminate technology to farmers, extension personnel and organizations engaged in agricultural development through various extension programmes.

##### Organizational Set-up

The university was established on the recommendations of University Education Commission in 1949 and two joint Indo-American Teams on Agricultural Research and Education in 1954-55 and 1959-60, on the pattern of Land Grant Colleges of the USA by transferring the existing six Government Colleges of Agriculture, and two Colleges of Veterinary Sciences and Animal Husbandry under an act of Madhya Pradesh legislature, 1963. Vice-Chancellor is its Chief Executive. He

is supported by Director of Instruction, Director of Research Services and Director of Extension Services. The Faculties of Agriculture, Veterinary Science and Animal Husbandry and Agricultural Engineering are headed by respective Faculty Deans, supported by Deans of constituent colleges and Heads of Departments. Registrar and Comptroller support the VC in administration and financial matters.

Board of Management, Academic Council, Administrative Council, Extension Education Council, Research Council and Council for Post-graduate Studies are the highest bodies for making necessary decisions.

### FACULTY-WISE DEPARTMENTS

**Agriculture:** Agricultural Economics and Farm Management, Soil Science and Agricultural Chemistry, Extension, Education and Rural Management, Vegetable Science and Floriculture, Fruit Science, Agronomy, Food Science and Technology, Plant Breeding and Genetics, Plant Pathology, Entomology, Forestry, Plant Physiology, English.

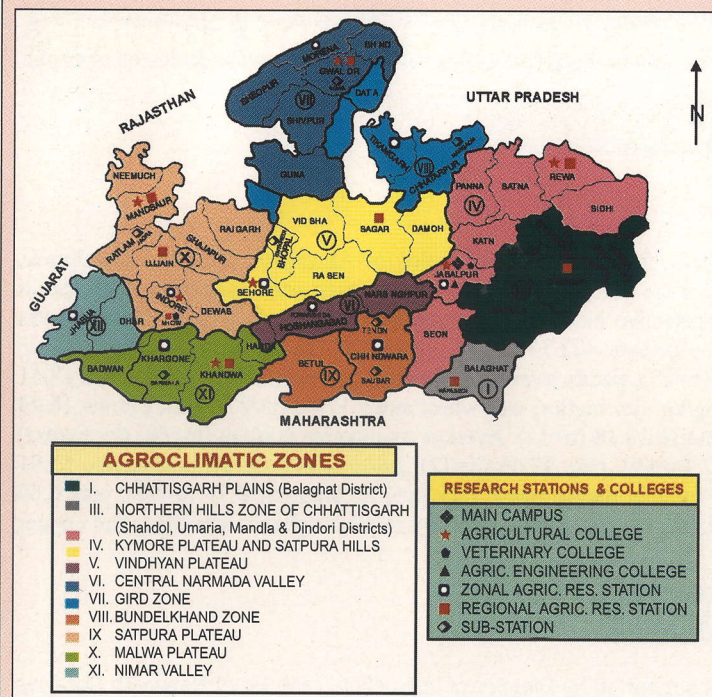
**Veterinary Science and Animal Husbandry:** Animal Anatomy, Animal Breeding and Genetics, Animal Nutrition, Animal Production and Management, Obstetrics and Gynaecology Biochemistry and Biotechnology, Medicine, Microbiology, Pharmacology, Pathology, Poultry Science, Physiology, Surgery, Parasitology, Wild life Health and Management.

**Agricultural Engineering:** Agricultural Structures and Environmental Engineering, Agricultural Technology and Process Engineering, Applied Physics and Agricultural Meteorology, Farm Machinery and Power, Soil and Water Engineering, Mathematics and Statistics.

### Historical Achievements

- \* Agricultural Research Station, Powarkheda (1903), Agriculture Farm, Gwalior (1919), Agriculture Farm, Chhindwara (1920), Institute of Plant Industry, Indore (1924), College of Veterinary Science and Animal Husbandry, Jabalpur (1948) and College of Agriculture, Gwalior (1950) are the historical landmarks.
- \* First aerobic technique of composting, popularly known as Indore compost, was developed at Institute of Plant Industry (now College





of Agriculture), Indore by Sir Albert Howarth and Yashwant Wad (1931).

\* Systematic studies on cultivation and breeding of soybean during late 1960s triggered the oilseed revolution. Its impact on socio-economic status of farmers and edible oil sector in India is a landmark.

\* Madhya Pradesh ranks first in pulses, second in oilseeds, third in cereal and tops in breeders' seed production due to research programme of JNKVV which developed 156 varieties of 37 crops.

### Teaching

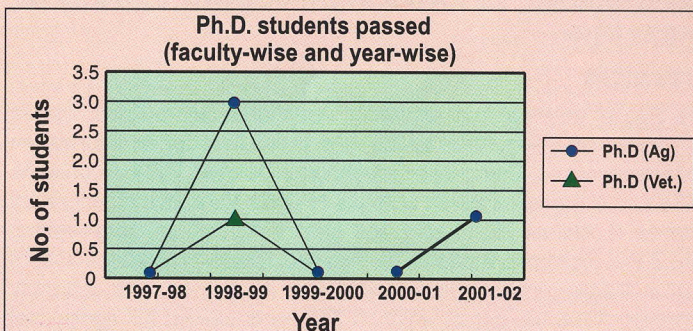
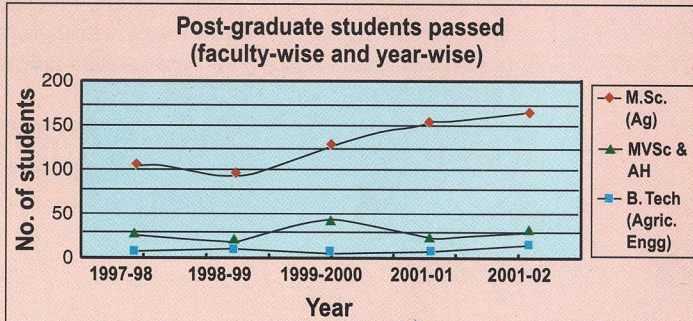
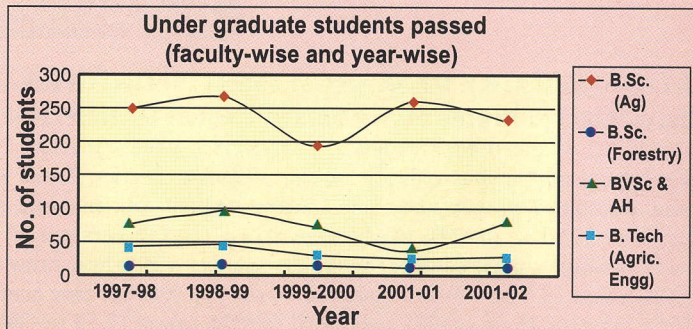
The university offers Bachelors, Masters and Doctorate degree programmes in Agriculture, Veterinary, Sciences and Animal Husbandry and Agricultural Engineering. The education is offered through semester system with 10 point scale for evaluation.

Faculty	Bachelors	Masters	Doctorate
Agriculture	B.Sc. (Ag.) B.Sc. (Forestry)	12 disciplines M.A.B.M.	7 disciplines
Veterinary Sciences and Animal Husbandry	B.V. Sc.	13 disciplines	10 disciplines
Agricultural Engineering	B. Tech.	2 disciplines	1 discipline

For Bachelor degree programmes the admission is made through Pre-Agriculture Test for Faculty of Agriculture and Agricultural Engineering and through pre-medical test for Faculty of Veterinary Sciences and Animal Husbandry organized by M.P. Board of Professional Examination, Bhopal. Admission in Post-graduate studies is given on the basis of merit. Besides, 10% extra seats are created above the prescribed intake capacity for Indians living abroad and foreign nationals, in addition to payment seats.

Each college has well-equipped laboratories, library, instructional farm, ARIS cell linked with global information system, class-room facilities and qualified faculty. Central Library at Jabalpur houses exhaustive literature besides international abstracting services with CD-ROM and Internet facilities. Well-equipped Gymnasium, NCC, NSS, educational tours and agro-industrial information enable students to develop their personality, and placement cell guides them to choose the right profession. Rural Agricultural Work Experience is

imparted to students to understand the real world situation. Since its inception, about 12,547 students have obtained Bachelors, 4,826 Masters and 280 Doctorate degrees in all the three faculties.



### Research

Multi-disciplinary research of applied nature is conducted in Natural Resource Management, Crop Improvement, Crop Protection, Post-Harvest Technology, Farm Machinery, and Livestock Production and Management. These are complemented by the units of Statistics, Agricultural Economics, Computer Applications and Instrumentation. Activities of the university are fulfilled by well-equipped farms, laboratories, clinics, workshops, glass-houses, library, ARIS and informatics. At present 67 All-India Co-ordinated Research/Network projects, 62 ad-hoc projects, 52 State Plan and Non-plan projects and 49 NATP sponsored by various agencies are under operation.

### Extension Education

JNKVV is playing a leading role in technology assessment and dissemination through its research stations and KVKs. A variety of programmes are in offering: On-campus and off-campus training, Demonstrations and On-farm trials, Organization of farmers' fairs and field days, Mass communication through newspapers, radio and TV, Periodical publication and distribution of literature, Institutional Village Linkage Programme, Krishi Vigyan Kendras (18), Services through plant and animal-clinics, Agricultural Technology Information Centre, etc.

### Consultancy Processing Cell

To serve small and medium agro-based industries and entrepreneurs

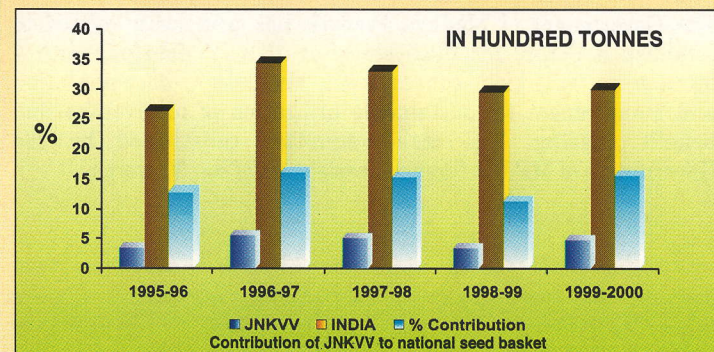


and to create their own occupational niches, the university has established a Consultancy Processing Cell. It organizes training programmes in selected key areas for different levels of functionaries. The university offers training courses for entrepreneurs, subject-matter specialists and extension workers through Directorate of Extension at different locations. Centre for Advanced Studies in Soil Science and Agricultural Chemistry, and Centre for Excellence in Trainings at Agriculture College, Sehore, offer trainings regularly at the national level.

The CPC provides services and advises on seed and bio-fertilizer production, cultivation of medicinal plants, agro-forestry, fruit, floriculture, vegetable and mushroom, food and fruit processing and preservation, input testing, livestock farming and watershed development. Contractual services on adaptive trials of newer products, use of industrial and agricultural waste, wasteland development and on other need-based aspects are provided.

### Seed Production

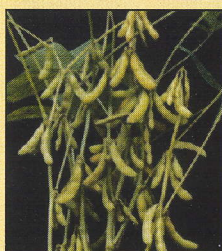
Considering the importance of seed, the university had initiated the seed production programme even before the National Seed Project was launched by the Government of India in 1976-77. It fulfils the indents of Central and State Governments by producing highest quantity of Breeder seed in the country from its well-equipped farms located in different agro-climatic zones. It Maintains the nucleus seed of 156 varieties of 37 crops under single-window system.



### Salient Achievements

The major research achievements of the university are given below.

- \* Development of 19 varieties of rice, 7 of wheat, 5 of maize, 6 of sorghum, 12 of chickpea, 5 of pigeonpea, 4 of greengram and blackgram each and 2 of lentil.
- \* Development of high-yielding and oil-rich varieties of mustard (1 variety), sesame (5), safflower (3), niger (1 variety), ground nut (3) and soybean (9).
- \* Developed world-famous JS (Jawahar Soybean) series of soybean varieties with better oil (18-20%) and protein (40-42%) content and resistant to major diseases, which laid strong foundation for expansion of its area and production.
- \* Developed the first white rust-resistant variety of mustard 'Jawahar Mustard 1' in 1999.
- \* Developed the first coloured cotton variety, 'JCC 1'.
- \* Developed coarse millet varieties of kodo (9 varieties), *ragi* and *kutki* (3 each) for tribal areas.
- \* Developed varieties of chilli (2 varieties), table pea (5) and sweet potato (2), brinjal (2),



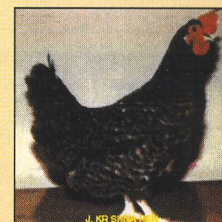
'J Soybean 335'



'J C Cotton 1'

tomato (1) and Indian bean (4).

- \* Developed high-yielding varieties of aromatic and medicinal plants such as *opium* (2 varieties), *asgandh* and *Isabgol* (each).
- \* Developed crop varieties resistant to diseases such as white rust ('Jawahar Mustard 1'), downy mildew ('Jawahar Bajra Hy 1'), wilt ('Jawahar Gram 218'), powdery mildew ('Jawahar Mung 721'), wilt and sterility mosaic ('Pigeonpea JKM 7'), *Phytophthora* blight ('Jawahar Til 22'), powdery mildew and wilt ('Jawahar Pea 885'), fruit rot ('Jawahar Mirch 218') and scurf ('Jawahar Sweet Potato 145').
- \* Developed economically viable technology for management of salt-affected soils with nutrient package and tree-crop sequences.
- \* Developed management practices for black soils such as: (a) ridge furrow system for planting *kharif* crops, and (b) raised and sunken bed technologies and rainwater recycling technology for efficient use of land and water resources.
- \* Identified potential cropping systems for different agro-climatic zones for irrigated and unirrigated situations.
- \* Developed packages for economic and efficient use of fertilizers, manures and bio-fertilizers.
- \* Developed integrated package for the management of major insect-pests, diseases and weeds.
- \* Developed package for cultivation of betelvine with efficient and economical management of diseases.
- \* Developed low cost technology for cultivation of oyster mushroom.
- \* Developed a replica of indigenous coloured hen 'Krishna J' and dual-purpose dwarf for furtherance of rural and tribal poultry keeping.
- \* Developed a superior pig breed 'Jabalpur Black' for tribal and marginal farmers.
- \* Developed Protocol for mass-scale multiplication of *Oroxylum indicum*, *Raulfia serpentina*, and *Pterocarpus marsupium* medicinal plants using tissue culture technique.
- \* Strengthened health care monitoring for wild-life.
- \* Developed low cost machineries such as thresher for sunflower, safflower-handling devices, waternut decorticator, pea-peeling machine, chickpea stripping cum-shelling machine, tillage equipment, energy-saving dryers and onion-storage structure.
- \* Developed electronic instruments such as multi-channel electronic choke indicator for tractor-driven seed drills, digital grain moisture-meter, fertilizer recommendation package, micro controller based rice polish-measurement system, soil nutrient- estimation system, micro controller based sulphur estimation system and personal computer-based monitoring system for safe grain storage.



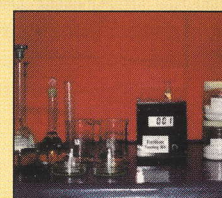
'J Krishna' hen



Raised and Sunken bed



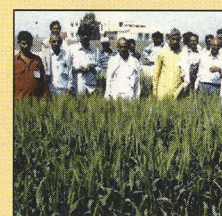
Watershed management



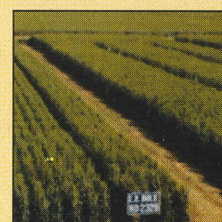
Fertiliser-testing kit



Wild-life care



Demonstration of wheat



Wheat-seed production plot



## Future Thrusts

- \* Sustainable utilization of natural resources with environmental protection.
- \* Safeguarding the diversity of plant genetic resources.
- \* Increasing and stabilizing yield through exploitation of genetic potential.
- \* Biotechnological advancements.
- \* Rationalization of cropping through crop substitute and crop diversification.
- \* Modernizing of commercial horticulture.
- \* Harnessing indigenous technological knowledge for developing Low Input Sustainable Agriculture (LISA).
- \* Integrated mechanization and post harvest technology.
- \* Livestock and fodder improvement and management.
- \* Rehabilitation of wastelands.
- \* Information Technology: Reaching the unreachable.

## New Initiatives (2002-2003)

### JNKVV towards villages

JNKVV, Jabalpur has launched a special extension programme, named "JNKVV towards Villages", during 2002-03, to intensify efforts for field-scale validation and dissemination of improved practices in different agro-climatic zones of the state. The programme incorporates crop production and crop improvement, crop protection through integrated pest management approach, diversification in agriculture including organic farming, wasteland development, natural resource management, soil and water conservation (rainfed areas), use of improved farm implements, management of cattle/poultry/fish,

seed production programme, entrepreneurship development for the rural youths and effective use of human resource (including excess labour) available in the villages.

## Salient Programmes AHRD Phase II

JNKVV, Jabalpur also entered into AHRD programme of the ICAR. The programme includes strengthening/focusing UG/PG-level agricultural education, accreditation, linkages, training of teachers, skill and entrepreneurship development, improved governance, information networking, engendering curricula for women empowerment, HRD planning and placement cell, assist developing countries to build HRD and need-based vocational training/education.

## Global Warming Network Programme

It has become a partner in ICAR Network on Climate Change programme to study the "Impact studies of climate change on adaptation and vulnerability of plant biodiversity"

## Establishment of Biotechnology Centre

Today, biotechnology has become a promising field for research, being a multi-disciplinary subject. A Biotechnology Research Centre has started functioning under JNKVV, Jabalpur. Postgraduate degree programme in Biotechnology has also been initiated.

## Establishment of Biodiversity Centre

The Government of Madhya Pradesh has principally agreed to establish a Centre for Biodiversity at JNKVV, Jabalpur with a mission on collection, conservation, evaluation, documentation and management for sustainable utilization of biodiversity and benefit sharing. The core committee constituted by the Government of MP has financial assistance of Rs. 30 crores.



## CCS HARYANA AGRICULTURAL UNIVERSITY, HISAR

### CCS HAU Bagged the Rolling Trophy

At the fourth All-India Inter-State Agricultural University Youth Festival, AGRIUNIFEST 2002, held at Hisar from 19 to 22 February, the host bagged the Rolling Trophy for the overall championship. Total 600 young artists hailing from 23 farm universities and ICAR institutes participated in the mega event, which was sponsored by the ICAR. Competitions were held in 16 events, viz. Light music (vocal), On-the-spot painting, Elocution, Extempore speech, Poster making, Group song, Cartooning, One-act play, Monoacting, Debate, Clay modelling, Collage, Skit, Mime, Folk dance and Patriotic songs. Acharya N.G. Ranga Agricultural University also bagged trophy for maintaining best discipline during the festival, whereas a team of two scientists, Dr Praveen Sardana and Dr Ashok Chhabra, of the host university were felicitated for designing the logo of the festival.

The C.M. of Haryana, Shri Om Prakash Chautala, the chief guest gave away the prizes to the winners, whereas Finance Minister, Prof. Sampat Singh, presided over the function. The Vice-Chancellor, Shri Vinay Kumar, presented the report of the festival and welcomed the guests and participants.

## DR BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH, DAPOLI

### Male-sterility Technique for Coconut Red Palm Weevil

Irradiated male red palm weevils were released in coconut orchards in village Asond, dist. Ratnagiri by Hon. Dr S.S. Magar, V.C., on 14 January 2003 to make the farmers aware of this new technique of pest control.

## MAHARASHTRA ANIMAL AND FISHERY SCIENCES UNIVERSITY, NAGPUR

### Workshop on 'Wild-life'

A workshop on 'Wild-life health and disease diagnosis' was organized on 13-14 March 2003 at Nagpur. It was organized by the Department of Medicine, Nagpur Veterinary College, Nagpur under an ICAR project 'Disease surveillance and diagnostic centre for wildlife in central India' and in collaboration with the Forest Department (Wildlife) Maharashtra State, under the auspices of MAFSU. It was attended by 100 participants. The workshop highlighted the achievements in updating the requirements of forest staff in Maharashtra state in conservation and management of the wildlife.



Workshop on wild-life

## MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI

### Water Management as Peoples' Movement

'Maharashtra should establish an efficient mechanism of generation, storage and distribution of water through farmers' participation, said Union Heavy Industries Minister, Shri Balasaheb Vikhe Patil. He was speaking to the gathering after inaugurating Maharashtra Sinchan Parishad organized jointly by the Mahatma Phule Krishi Vidyapeeth and National Agricultural and Rural Development Bank, Mumbai, with



others. 'Privatization of generation and distribution of water resources would be a suicidal attempt and farmers must dissuade the government through co-ordinated efforts not to initiate action in the direction', Mr Vikhe Patil added.



Shri Balasaheb Vikhe Patil, Minister of Heavy Industries, GOI, addressing the Sinchan Parishad

Shri Vijay Ganesh Jogalekar of Shriram Tile Work was honoured with Sinchan Mitra award. An agricultural exhibition was also organized. About 500 delegates including irrigation experts, progressive farmers, engineers from the field of watershed development and the office bearers of the institutions involved in irrigation management participated in the 2-day conference.

## PUNJAB AGRICULTURAL UNIVERSITY, LUDHIANA

### Chief Minister Inaugurates PAU Kisan Mela

Lakhs of farmers converged on the campus of PAU on the first day of Kisan Mela held during 22 to 23 March, 2003 to seek guidance from the farm scientists to come out of the current crisis in agriculture. While



Kisan Mela inaugurated by Capt. Amrinder Singh, C.M. (Punjab)

addressing the massive gathering of farmers after inaugurating the Mela, the Chief Minister of Punjab, Capt. Amrinder Singh, announced the institution of Chief Minister Prizes with a corpus fund of Rs 20 lakhs, which will be allotted to the PAU for this purpose. One prize each will be given to outstanding dairy farmer, fruit grower and a farmer following the diversified pattern of farming. The prizes will be given from the interest generated from the corpus fund.

The C.M. honoured two progressive farmers, S. Avtar Singh Rataul of dist. Sangrur and Kuldip Singh of dist. Kapurthala with Dalip Singh Dhaliwal Memorial Award for their innovative techniques in farming. He also released the seeds of new varieties 'PR 118' paddy, 'Super Basmati' and 'SML 818' greengram. He also released a set of the new books printed by the Centre for the Communication Languages and Culture of the university for educating the farmers in the improved package of practices of kharif crops, vegetables and fruits.

Dr Kirpal Singh Aulakh, Vice-Chancellor, PAU, suggested that instead of importing pulses and oilseeds from other countries, our farmers should be ensured minimum support price and procurement of these crops.

## CONVOCATION NEWS

### BIDHAN CHANDRA KRISHI VISWAVIDYALAYA, MOHANPUR

#### The XII Convocation

The XII Convocation of BCKV, was held on 19 February 2003. The Chancellor and Governor of West Bengal, Shri Viren J. Shah, presided over the function. Prof. Amiya Kumar Bagchi, noted Economist of international repute, was the Chief Guest, who delivered Convocation Address. Prof. Debabrata Dasgupta, Vice-Chancellor, briefed the activities and achievements of the Viswavidyalaya. Altogether 270 students were awarded B.Sc. (Agric.) Hons. degree, 43 students B.Sc. (Hort.) Hons. degree, 40 students B.Tech (Agric. Engineering Hons.

degree, 418 students M.Sc. (Agriculture) and 92 students M.Sc. (Horticulture). Altogether 47 students completed their Doctoral degree in Agriculture and 19 students in Horticulture.

Honoris Causa was conferred to Prof. Amartya Sen and Dr M.S. Swaminathan.



The XII Convocation

## CCS HARYANA AGRICULTURAL UNIVERSITY, HISAR

### 22nd Annual Convocation

The Twenty second convocation of CCS HAU held on 19 April was addressed by the President of India, Dr A.P.J. Abdul Kalam. In his address, Dr Kalam called upon the agricultural universities and research institutions to play an important role by contributing to the Second Green Revolution, which would enable India to become a developed nation in the agricultural sector. There was a need to increase crop production by using minimum land and water and by adopting advanced technology. He said that according to Mr Subramaniam, the Second Green Revolution that he envisaged was 'soil to seed to grain to food to marketing'. He said that there was a need for value addition in agricultural production, and laid stress on opening more food-processing units for utilizing the agricultural products and ensuring their marketing in view of the tough competition.

Dr Kalam praised National Agro Foundation by developing hybrid seed backed by scientific research for increased agricultural production and value addition. The Foundation aims at bringing a million farmers under the scheme. For this Mr Subramaniam had enlisted top agricultural consultants as well as managers and technologists for promoting this foundation. The concepts of his Second Green Revolution included soil characterization, right type of seed selection, suitable fertilizers, water management, farmers training, crop management, food processing and marketing.

He applauded the contributions of CCS HAU in making Haryana a food-surplus state and for the vital role being played by it towards the overall development of the state. Dr Kalam said that it was greatly encouraging that farmers were becoming partners with researchers and students in development and production.

Earlier, Haryana Governor and Chancellor of the university, Shri Babu Parmanand, gave away degrees and gold medals to the meritorious students of Doctor of Philosophy and Masters degrees. The Chief Minister, Shri Om Prakash Chautala, conferred gold medals to the graduates. As many as 669 degrees were awarded, which included 133 Ph.Ds, 392 Masters and 144 B.Sc. degrees.

Describing Dr Kalam as a great visionary and a man with innate spirituality, the Vice-Chancellor, Shri Vinay Kumar, said that the university is laying stress on agricultural diversification, enhancing water-use efficiency, development of water-harvesting technology, integrated pest and nutrient management, and utilization of indigenous resources. He said that in the field of agricultural education, rejuvenation of teaching interventions had been initiated and technology-transfer approaches were being redefined to meet future challenges in agriculture sector.

## GUJARAT AGRICULTURAL UNIVERSITY, SARDAR KRUSHINAGAR

### 28th Annual Convocation

The Twenty Eighth Annual Convocation of Gujarat Agricultural



University was held on 28 January 2003 at its Junagadh Campus. Dr R. Chidambaram, Principal Scientific Advisor to the Government of India, New Delhi was the Chief Guest, who delivered the Convocation Address. The Vice-Chancellor, Dr M.H. Mehta, presented the gold medals and certificates to the students. The State Agriculture Minister, Shri Bhupendra Singh Chudasma, attended the function as a special guest.



The 28th Annual Convocation of GAU

## AWARDS AND RECOGNITION

### CCS HARYANA AGRICULTURAL UNIVERSITY, HISAR

#### *Dr A.P.J. Abdul Kalam Conferred Best Teacher Awards on Seven Faculty Members*

In the Twenty second convocation of CCS HAU held on 19 April, the President, Dr A.P.J. Abdul Kalam conferred Best Teacher Awards on seven faculty members, viz. Dr S.S. Pahuja, Dr Prem Singh, Dr (Mrs) Santosh Dhillon, Dr Ved Pal Singh, Dr S.K. Gupta, Dr (Mrs) Nishi Sethi and Dr B.P.S. Lather.



Dr A.P.J. Abdul Kalam conferring Best Teacher Awards to seven faculty members

Besides, 21 gold medals were also awarded to graduates for their excellent performance in academic and research pursuits. For Ph.D., Nalini Kataria and Surender Singh received Dr V.D. Kashyap and Ms Manju Utreja Memorial Gold Medals. Ravi Anitha and Sangeeta Chahal were awarded Silver Jubilee Gold Medal for women.

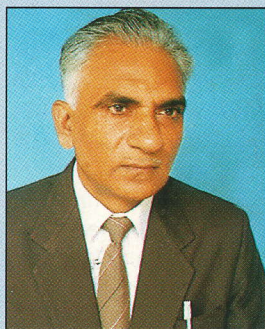
At masters degree level, Vijay Kumar Munjal, Basavaraj Bagewadi and Deepika Lather were conferred Rajinder Pal Singh Gold Medal, Awanindra Nath and Debtanu received Dr Ram Dhan Singh Gold Medal and Dr S.D. Nijhawan Gold Medal respectively, whereas Suganthi A. and M. Tamilvanan were awarded Hexamar Foundation Gold Medal.

Graduate-level gold medals were conferred on Rajni Rani Roy, Mayank S. Malik, Urvashi Nandal and Ajay Kumar.

### INDIAN VETERINARY RESEARCH INSTITUTE, IZATNAGAR

#### *Dr M.P. Yadav, Director, IVRI Felicitated*

Vocational Education Day was celebrated on 13 March 2003, under the aegis of the World Institution Building Programme, New Delhi. Dr M.P. Yadav, Director, IVRI, Izatnagar, was conferred the prestigious Vocational Education and Development (Veterinary) Award at India International Centre, New Delhi. The Award is jointly instituted by the International Association of Educators for World Peace, an affiliate of ECOSOC, UNESCO and the WIBP, India.



Dr M.P. Yadav

## Project Sponsorship : Organization to be approached

Principal Investigators desiring sponsorship for their Projects may contact the following funding agencies:

- \* Office-in-charge, Bhabha Atomic Research Centre, Mumbai 400 085.
- \* Director, APEDA, Illrd floor, Ansal Chambers, 6 Bhikaji Cama Place, New Delhi 110016.
- \* Secretary, Department of Science and Technology, Government of India, Technology Bhawan, New Mehrauli Road, New Delhi 110 016.
- \* Director (R&D), Department of Biotechnology, Block 2, Villth floor, CGO Complex, Lodhi Road, New Delhi 110 003.
- \* Member Secretary, Technology Development Council, Department of Electronics, 'A' Block, CGO Complex, Lodhi Road, New Delhi 110 003.
- \* Director, NRDMs, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi 110 016.
- \* Chairman, Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002.
- \* Managing Director, All India Rice Exporters' Association (Regd), PHD House (IVth floor) August Kranti Marg, (opp. Asian Games Village), New Delhi 110 016.
- \* Director, Agricultural Produce Cess Fund, ICAR, Krishi Bhawan, New Delhi 110 012.
- \* Director, Directorate of Extension, Department of Agriculture and Cooperation, ASRI, Krishi Vistar Bhawan, Pusa, New Delhi 110 012.
- \* Deputy Director (Projects), National Oilseeds and Vegetable Oils Development Board, Ministry of Agriculture, Government of India, Sector 86, 18 Industrial Area, Gurgaon 122 015.
- \* Chairman, National Dairy Development Board, Akash Ganga, Ground floor, Race Course Circle (East), Vadodara 390 007.
- \* Chairman, NABARD, Sterling Centre, Shiv Sagar Estate, Dr Annie Besant Road, PB No. 6552, Worli, Mumbai 400 018.
- \* Managing Director, Cargill India Pvt. Ltd, XIth floor, DLF Gateway Towers, DLF City, Phase III, Gurgaon 122 002.
- \* Liaison Officer, International Rice Research Institute, IRRI Office for India, CG Block, NASC Complex, DPS Marg, New Delhi 110 012.
- \* Facilitator, Rice Wheat Consortium, CIMMYT Office for India, CG Block, NASC Complex, DPS Marg, New Delhi 110 012.
- \* Secretary, ICAR, Krishi Bhawan, New Delhi 110 001.

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From:

**Executive Secretary**

Indian Agricultural Universities Association

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