



KRUSHI VISHWA

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It is requested to send news items regarding education, research and extension activities with priority of new recommendations for farming community.

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First Annual Convocation, Junagadh Agricultural University, December 12, 2005

Participation of JAU in Krushi Mahotsava and its impact

Organizing Krushi Mahotsava was a unique gesture of Government of Gujarat, which provided an excellent opportunity of one-to-one interaction among scientists, officers of the line departments and farmers. They have come closer in solving the problems of farming community.

Junagadh Agricultural University played a vital role in the Mahotsava. Not only 600 Scientists/ Personnels visited the villages along with the Krushi Rath, University prepared a monumental publication encompassing the literature on agricultural, horticultural and medicinal crop technologies including those on water management, agricultural engineering and animal husbandary. This will undoubtedly serve as a guide to all involved in agriculture.

Such information was also imparted to farmers-friendly manner through *Bhajans* and *Duhas*. Several V.C.D.s and Audio Cassettes were prepared by this university and made available to all the villages.

The scientists who accompanied the Rath, apprised farmers about the latest technologies developed

by university. *Khedut Shibirs* were organized by Agricultural Produce Marketing Committees, wherein the scientists provided expert advice. Hon. Vice Chancellor, Director of Research and Director of Extension Education also actively participated in such *Shibirs*.

The farmers were given first hand knowledge of the latest technologies like fertilizer and water management, methods of seed preservation, use of drip and sprinkler irrigation, judicious and proper use of insecticides, pesticides, integrated disease, pest and weed management etc. They were convinced that by adopting university's recommendations only, many of their problems could be solved.

Through the contact of university scientists, farmers could get the detailed information on research, education and extension education activities of university. The impact is very obvious. All the seats for undergraduate B.Sc. course were full within a short period by students aspiring for admission in the College of Agriculture, Junagadh.

Thus, Krushi Mahotsava has provided a definite direction to the farming community and Junagadh Agricultural University has been instrumental in imparting knowledge to farmers right at their doorstep through this mega event.

Dr. B. K. Kikani
Vice Chancellor

ESTABLISHMENT OF KISAN COUNCIL

Krishi Mahotsava has been a trend setter in the sense that it has provided ample opportunities for one-to-one interaction between agricultural scientists and farmers of the state. Junagadh Agricultural University has taken a step further in this direction and Vice Chancellor Dr. B. K. Kikani, has initiated to start Kisan Council to realize the dream of our Hon. Chief Minister Shri Narendra Modi for establishing live contact between Scientists and farmers at village level itself.

A Co-ordinator will be appointed in the village who will work with 11 to 55 progressive farmers and maintain contact between university, line departments and allied sectors. The council will look after its monetary affairs, university will only provide guidance and will impart information on new technologies through personal contact and through distribution of literature on agriculture, animal husbandry and fisheries.

The members of the council will discuss the problems faced by farmers on Akashwani, Doordarshan and in daily newspapers and will try to take care of the day to day problems of farmers.

The progressive farmers, who are interested to form such council in their village/taluka are informed to contact :

Dr. D. B. Kuchhadiya
Director of Extension Education,
JAU, Junagadh, Phone : (0285) 2672653.

Training / Workshop / Seminar



Shri Suryakantbhai Acharya, Member of Rajyasabha Addressing during workshop on A.P.Cess Fund

- The second annual workshop on A.P. Cess Fund projects of ICAR was organized at Junagadh Agricultural University, Junagadh. Hon. Member of Rajyasabha Shri Suryakantbhai Acharya inaugurated the workshop and Dr. B. K. Kikani, Vice Chancellor of JAU, presided over the function.



Dr. B. K. Kikani, Vice Chancellor inaugurating Co-ordination Committee Meeting of All India Coordinated Research Project on Application of Plastics in Agriculture

- National conference on " Sustainable Management of Water Resources " was held at College of Agricultural Engineering and Technology, JAU, Junagadh. About 150 participants from different departments and NGOs attended the workshop.



Seminar on "Green House Technology and Horticultural Development" was organized on February, 22, 2006. Shri Dilip Sanghani, Ex. M.P. inaugurated the function. Dr. B. K. Kikani Vice Chancellor of JAU, presided over the function.

- A special training programme for coastal population to prepare seaweed greeting cards and crag lobster stuffing was organized by Fisheries Research Station- Okha with a view to generate self employment among coastal population.



Inauguration of the Review Workshop on FLD for KVKs

- Review workshop on FLD for KVKs of western zone was organized at Junagadh Agricultural University, Junagadh. Dr. B. K. Kikani, Vice Chancellor of J.A.U. inaugurated the function.

New Project

A mega project on seed production is being launched. Seed is the vital input for increasing the productivity of any crop. Good quality high yielding varieties are the backbone of agriculture. To provide quality seeds of improved varieties and hybrids at large scale, Junagadh Agricultural University proposed an ambitious project to Indian Council of Agricultural Research, New Delhi with prime objective of providing quality seeds to the farmers at reasonable prices. The approval of the Indian Council of Agricultural Research has been received with the grant of Rs. 415 Lakhs. After the implementation of the project, farmers of Saurashtra will be the major beneficiaries as they can get seeds of latest varieties of different crops like groundnut, cotton, castor, wheat, cumin, garlic and vegetables at competitive prices. Besides seeds of crops, grafts and saplings of fruits, medicinal and ornamental plants will also be available to Orchaists and farmers at reasonable cost. Due to this project, several problems of the farmers will be taken care of and their economic condition will also improve through higher production and Gujarat will be in the fore front in the country in terms of productivity. Dr. B. K. Kikani, Vice Chancellor has persuaded hard for getting it sanctioned.

New Recommendations

The Variety Identification Committee has identified following varieties of groundnut developed at Main Oilseeds Research Station, Junagadh in its meeting held in October 2005.

(1) Gujarat Groundnut 8 (J53)

Spanish bunch variety with higher pod yield than the check varieties JL 24 and TAG 24 (14.9 % and 6.9 % higher respectively), has been recommended for cultivation in Northern Maharashtra and Madhya Pradesh (Zone-III). Kernels are rose coloured and round shaped with higher yield than the check varieties tested.

(2) Gujarat Groundnut 16 (JSP 39)

This is a Virginia runner variety having elongated, medium sized and rose coloured kernels. The variety is suitable for cultivation in Tamil Nadu, Andhra Pradesh, Karnataka, Kerala and Southern Maharashtra. The pod yield of this variety is 41.5 % and 27.4 % higher than the check varieties M 335 and ICGV 86325, respectively.

Students' Activities

First Inter Collegiate / Inter Agril. School's Annual Sports Meet - 2005 and The Inter collegiate sports meet for cricket, Kho-Kho and Kabbadi tournament were organized at J.A.U. sports complex.



Students playing Basketball

● Sports

The students of Junagadh Agril. University participated in Badminton, Volleyball and Basketball games organized at Vellayani (Trivandrum) from March 16-19, 2005.

● Debate

A student of Agril. Engineering and Technology College participated in the Zonal Elocation Competition organized at Maharana Pratap University of Agriculture and Technology, Udaipur.

of JAU delivered lectures and guided the farmers for Jetropha cultivation. Dr. B. K. Kikani, Vice Chancellor of JAU told that Jetropha is a beneficial crop for wasteland and it will solve the problem of fuel in coming days.

Special Training on Water Harvesting:

A special training programme on water harvesting and efficient use of water was organized by the Centre of Excellence on Soil and Water Management of JAU, Junagadh. Inaugurating the training programme, Dr. B. K. Kikani, Vice Chancellor, JAU, Junagadh advised the farmers to save water and use drip irrigation system. Prof. R. H. Ghaghada, Research Scientist and Head of the Centre welcomed the guest and farmers. About 37 progressive farmers participated in the training programme.

Medals awarded to the students during First Annual Convocation December 12, 2005

| Sr. No. | Name of Medal | Name of the Student | Year |
|---------|--|--------------------------|---------|
| 1 | Vice Chancellor Gold Medal for the best performance at under graduate level | | |
| | (1) Agriculture Faculty | Rana Paramraj B. | 2003-04 |
| | (2) Agricultural Engineering Faculty | Borad Devendrakumar J. | 2003-04 |
| | Fisheries Science Faculty | Bhensla Narendra L. | 2003-04 |
| 2 | Chancellor Gold Medal for the best performance at post graduate level | | |
| | (1) Agriculture Faculty | Patel Chirag A. | 2004-05 |
| | (2) Agricultural Engineering Faculty | Prajapati Girishkumar V. | 2004-05 |
| 3 | Late Devang B. Bhatt & Rajesh B. Kuchhadia Gold Plated Silver Medal for the best performance in Agril. Economics at under graduate level | Rana Paramraj B. | 2003-04 |
| 4 | Dr. J. S. Patel Memorial I.S.A.E. Gold Plated Silver Medal for the best performance in Agril. Engineering at under graduate level | Borad Devendrakumar J. | 2003-04 |
| 5 | Shri M.M. Patel (Morbi) Ex-Agri Engineer Gold Plated Silver Medal for the best performance in Agril. Engineering at under graduate level | Borad Devendrakumar J. | 2003-04 |
| 6 | Late Shri Dharamdas Choithram Gagvani Gold Plated Silver Medal for the best performance in Fisheries Science faculty at under graduate level | Sevara Jiten U. | 2003-04 |
| 7 | Late Dr. V. J. Vora Gold Plated Silver Medal for the best performance in Agril. Entomology at post graduate level | Mathukiya Chandulal P. | 2004-05 |



Hon'ble Minister for Agriculture Shri Bhupendrasinh Chudasma releasing a Report of Krushi Mahotasava - 2005 of Saurashtra region. Hon'ble Vice-Chancellor Dr. B. K. Kikani, Dr. B. S. Chundavat and Dr. Kirit Shelat, Secretary and Shri H. N. Chhibbar-Joint Secretary, Agriculture and Shri Kanubhai Bhalala, M.L.A. also were present at the occasion.

News in Brief

Rabi crop campaign

The Govt. of Gujarat has launched an useful programme "Rabi Crop Campaign." The Main objective of this programme was to provide latest scientific information on rabi crop to the farmers of Gujarat State. Junagadh Agricultural University played a key role in providing technical expertise to the farmers. The *Krushi Shibirs* were organized in cluster. Three villages in one taluka were selected for organizing *Krushi Shibir*. A team of three scientists of JAU has attend the *Shibir* and guided the farming community. A large number of farmers of Saurashtra region took the benefit of Rabi crop Campaign and planned their farming according to the advice of the scientists.

New concept for research experiments

Previously, Scientists of the erstwhile

of G.A.U. used to meet in ZREAC and AGRESO meetings for research planning and execution. But after the establishment of JAU the university has formulated new committee known as Advisory Committee. This committee will meet before the ZREAC meeting of each discipline, and will discuss new research areas of concerned discipline and achievement as well as impact of the research. The committee will have senior scientists, experts from different agricultural universities, experts from different agricultural universities / institutes and the retired scientists as its members.

Farmers' Shibir of Jetropha

Government of Gujarat has taken a mega programme for plantation of Jetropha in the state. In this connection, JAU has been given big task to popularize the package of practices of Jetropha. A Farmers *Goshti* was organized on 15 Jan, 2006 at Dhoraji in collaboration of Ravi Group Trust. Scientists

Training/Workshop/Seminar

(1) Dr. Chetana Mandavia

Professor (Pl. Physiology) and Dr. (Mrs.) K. Ravikala, Professor (Animal Science) has attended the Conference on "Ten years after Beijing: Gender Science & Technology" at New Delhi organized by NAAS.

(2) Dr. A. D. Dholakia, Asso. Prof. Shri D. V. Bhola, S. R. A. & Mr. P. R. Tank, S.R.A attended 21 days ICAR sponsored winter school on "Advances in culture and breeding of fresh water ornamental fish and aquarium management" organized by College of Fisheries, Udaipur.

To,

From :
The Editor
:Krushi Vishwa"
Directorate of Extension Education
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(3) Mr. M. P. Patel, S.R.A. and Mr. M. K. Bhalala, S.R.A. attended the workshop on *"Environmental health, impact of hazardous waste and their remedial measures"* organized by National Institute of Occupational Health, Ahmedabad.

(4) Dr. K. S. Murthy,

Research Scientist, C. B. F. attended the *"The international food legumes research conference, IFLRC-IV-2005"* at New Delhi organized by Indian Society of Genetics & Plant Breeding.

(5) Dr. V. P. Chovatia, Professor (Ag. Botany) and Dr. H. L. Dhaduk, Asstt. Professor (Ag. Botany) participated in the International Biofuels Conference organized by Winrock International.

(6) Dr. N. B. Babariya, Dr. J. V. Polara and Dr. K. B. Polara attended the workshop on *"Strategy for improved farming and ecological security of coastal region"* at CTCRI, Thiruvananthapuram, Kerala organized by ISCAR,

Recognition :

Dr. M. K. Mandavia, Asso. Professor (Biochemistry), received awards for "Best paper presentation" at the following symposium/conference.

(a) National Symposium on "Stress Management in Arid and Semi arid Ecosystems" held at SDAU, Sardar Krushinagar and

(b) Global Conference on "Plant health-Global health" held at MPUA&T, Udaipur.

Visitors

1. Dr. S. Ayyappan, Dy. Director General (Fisheries), I.C.A.R., New Delhi visited the college of Fisheries, Veraval. He encouraged the teachers to submit research projects to different sponsoring agencies including I.C.A.R.
2. Dr. M. K. Mandape, Zonal Co-Ordinator, Indian Council of Agricultural Research, CAZRI, Jodhpur visited the university during February 21-23, 2006.
3. Dr. Pritam Chandra, Additional Director General (Engg.), I.C.A.R., New Delhi visited JAU during 20-21, Feb. 2006.
4. Dr. Y. S. Ramakrishna, Director of CRIDA, Dr. H. P. Singh, Ex. Director of CRIDA, Dr. K. P. R. Vittal, project co-ordinator, AICRPDA and Dr. G. G. S. N. Rao, project co-ordinator, Agro. Meteorology visited this university during the A.P. cess fund project workshop.



A golden memory of Krushi Mahotsava - 2005

Hon'ble Chief Minister Shri Narendra Modi and other dignitaries releasing various books and cassettes during the inauguration of Krushi Mahotsava - 2005 at Kalavad (Dist. Jamnagar). Hon'ble Minister for Agriculture Shri Bhupendrasinh Chudasama and Vice-chancellor Dr. B. K. Kikani are also seen in the picture.