



Advisory Board

President

Dr. N. C. Patel

Vice-President

Dr. A. M. Parakhia

Members

Dr. C. J. Dangaria

Dr. A. V. Barad

Prof. J. B. Savani

Dr. A. Y. Desai

Dr. R. R. Shah

Dr. K. A. Khunt

Chief Editor

Dr. D. D. Sahu

Asst. Editors

Dr. D. K. Varu

Prof. Seema Mandavia

Editorial Co-ordinator

Dr. Narendra Bharad

Shri B. H. Tavethia

Photography

Suresh Parmar

Publisher

Director of Extension

Education

Junagadh Agricultural

University

Junagadh-362001.

Phone : 0285-2672080 to 90

EXT : 311, 341, 375

Fax & Ph. : 0285-2672653

Proverb

When you get angry,
you lose more energy.

When you love, you
gather more energy.

So do not lose love, use
love for happiness.

- Anonymous

From the Vice Chancellor's Desk



Geographical Indication is a good provision to protect the rich and diverse traditions of the country and state. It is also a sign used on goods that have been of specific geographical origin and possess qualities or a reputation that are attributable to the place of origin. Geographical Indication (GI) always consists of the name of the place of its origin of the goods, which could be agricultural, natural or manufactured. There could be many such items in the field of agriculture, animal husbandry, food processing, handicraft and handloom goods like *Gir Kesar mango*, *Gir lion*, *Gir cow*, *Jafrabadi buffalo*, *Patan na Patola*, *Jamnagar ni bandhani*, etc.

There is an urgent need to create awareness amongst producers, growers, artisans, etc. to identify such items, initiate steps for making legal protection through obtaining GI registration to those items having Geographical Indication and getting benefit of existing GI laws. India protects GIs through the Geographical Indication of Goods (Registration & Protection) Act, 1999 brought into implementation on September 15, 2003. Eligible goods require registration for getting protection under the law and such protection in India is a pre-requisite for protection abroad. A Geographical Indication Registry (GIR) has been set up at Chennai to receive application and grant registration under GI act. India, due to its rich and diverse traditions and culture, has a large number of products bear geographical indications and which can be marketed abroad more gainfully. Total 153 products of India have been registered, out of them 48 products are from agricultural field. Many products like Darjeeling tea, Rice, Horticultural produces, Textiles, Handicrafts, etc. have been registered under GI act in our country.

Gujarat state is well known for its traditions and rich culture. Total 7 products of Gujarat have got GI registration. Out of them, 2 products from agricultural sector are *Gir Kesar Mango* and *Bhalia Wheat* which are registered with registration No. 185 and 192, respectively. The farmers cultivating the *Gir Kesar Mango* will get benefit of GI law as demand and price of their mangoes will be increased, export potential will be more and variety will be protected legally. However, it also increases the responsibility of farmers to follow complete scientific approach in cultivation to maintain original characteristics of *Gir Kesar mango* at global level.

(N C Patel)

INTERNATIONAL TRAINING PROGRAMME ON COOPERATIVE MANAGEMENT



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the function by lighting the lamp



Trainees visited village level milk chilling centre at Majewadi of Junagadh district

Junagadh Agricultural University organized a five-day international training programme on co-operative management during September 12-16, 2011. Nine participants from South Africa attended the training on cooperative management. This training programme was a part of the implementation of the Memorandum of Understanding (MoU) between JAU and University of Venda (UNIVEN), South Africa signed in December, 2010. This is the first such international training programme organized by the University in Gujarat state. Participants from local municipality, university of Venda and officials of Agriculture Department from South Africa had participated in the training.



Hon'ble Vice Chancellor, Dr. N. C. Patel and University officers with South African trainees

The training programme was organized by the Post Graduate Institute of Agri-Business Management of the University. Dr. K. A. Khunt, Principal, Post Graduate Institute of Agri-Business Management was the course director of the training programme. The training programme covered philosophy and essentials of cooperative management as well as visit of successful cooperatives. The trainees visited the milk cooperatives of Majejadi village, APMC-Gondal, Rajkot Nagarik Sahakari Bank, Rajkot; AMUL dairy and Gujarat Cooperative Milk Marketing Federation at Anand. They were extremely impressed by the management and working of these organizations.

Mr. Makhavhu NT, the team leader, remarked that they have acquired adequate knowledge on cooperative management and the visits of cooperative organizations were very much fruitful. He added that they would like to start cooperatives in South Africa by following the AMUL pattern of Gujarat. Dr. Chauke PK, an Agril. Economist of UNIVEN said that he understood, what should be the qualities of a cooperative leader to run it successfully and also mentioned that this training will help to increase the survival rate of the cooperatives in South Africa. The team also suggested that JAU should arrange training programmes on drip irrigation, green house technology, renewable energy, tissue culture and water conservation in future.

Meeting of South African High Commissioner and the delegation with Agriculture Minister, Gujarat State

A delegation from South Africa and the High Commissioner of South Africa, H.E. Reverend Harris Majeke met Shri Dileep Sanghani, Hon'ble Agriculture Minister, Gujarat State on September 28, 2011 at Gandhinagar. Dr. N.C. Patel, Hon'ble Vice Chancellor of Junagadh Agricultural University welcomed all the dignitaries.



During the meeting the High Commissioner appreciated the Minister of Agriculture and thanked him for the hospitality. He admired India and particularly Gujarat state for taking leadership and growth excellence in the field of agriculture. He indicated that the South African Government would support all collaborative programmes with India and Gujarat. The Government would like to continue collaboration with people to people, universities, training institutions, civil organizations and all forms of public private partnership (PPP) for poverty alleviation and sustainable rural development. While addressing the meeting the Executive Mayor Mrs. Florence Dzhombere re-iterated her commitment to the development of the people in line with the national mandate of the ANC led Government in South Africa. She further expressed that for development of the people, job creation and sustainable livelihood of South African citizen, she would visit India again to support the project and explore further opportunities.



Shri Dileep Sanghani, Hon'ble Agriculture Minister welcomed the delegation and the High Commissioner of South Africa. He expressed his happiness that the Vhembe District municipality and the University of Venda have implemented the MoU signed with Junagadh Agricultural University by deputing 9

Officers for the training on “Co-operative management” at Junagadh Agricultural University, Junagadh. He complimented JAU for organizing such an International training programme successfully and effectively. He was extremely happy to inform the delegation about the concept of the “Krishi Mahotsav” launched by Hon`ble Chief Minister of Gujarat, Shri Narendra Modi and putting the agricultural development on fast track. The month-long mass agricultural awareness programme and transfer of technology campaign since last seven years

benefited the rural mass in general and farmers in particular. He was satisfied to know from the South African Delegation that the "Gujarat Model of Krishi Mahotsav” would be implemented in South Africa also. The Hon`ble Minister further expected that the visit of political leaders, university faculties and Government officers from South Africa would go a long way to benefit both the countries. He was also happy to learn that South Africa hopes to emulate Gujarat Co-operative.

Visit of ICAR High Power Review Team



A six member high power review team of ICAR visited Junagadh Agricultural University during July 18-19, 2011. Dr. S.L. Mehta, Ex. Vice Chancellor of Rajasthan Agricultural University and Ex. Deputy Director General (Education), ICAR, New Delhi was the chairman of the team. The other distinguished members were Dr. K.V. Peter, Ex. Vice Chancellor of Kerala Agricultural University; Dr. S.A. Patil, Ex. Vice Chancellor of Dharawad Agricultural University; Dr. Mrutyunjay, Ex. National Director of NAEP, ICAR, New Delhi; Dr. Nainawati, Ex. Assistant Director General, ICAR, New Delhi; Dr. Devakumar, Assistant Director General (Education), ICAR, New Delhi. The team had an interactive brain storming meeting with the scientists of Junagadh Agricultural University to discuss about the research, teaching and extension education strategies to be followed during 12th five year plan. A presentation on overview and achievements of the University was given by Dr. N.C. Patel, Hon`ble Vice Chancellor which

was applauded by the team. They have also reviewed the utilization of ICAR fund sanctioned during 10th and 11th five year plans.

The team visited all the five colleges, various agricultural research stations and research laboratories of various departments of the University. The team members were very much impressed by the progress and developmental activities of the University in a short span of time of its formulation. They have also praised the spectrum of infrastructural facilities developed at the University including the IT related issues addressed efficiently. The committee felt that the university has very good potentiality to set up a National Centre of Excellence in Agricultural Engineering.

They have also praised the Krushi Mahostav Programme of Government of Gujarat and noted that the production of different crops and income of farmers increased due to the impact of this programme. The team also appreciated the activities and achievements of this

university in the fields of teaching, research and extension taken up under the leadership of Dr. N.C. Patel as the Vice Chancellor.

Dr. S. L. Mehta, chairman of the team appealed the scientists and teachers of this university to work hard for further development of this university. He also emotionally stated that "Those who read sincerely can only improve their knowledge and those who are knowledgeable can be the best teachers". Further, he advised the students to be in touch with the research work carried out in different countries of the world and upgrade their own understanding in their respective fields.

Visit of Director General of ICAR

Dr. S. Ayyappan, Director General (ICAR) and Secretary (DARE), New Delhi visited the Fisheries Research Station, Okha and Pearl Millet Research Station, Junagadh Agricultural University, Jamnagar during August 7-8, 2011. During the visit Dr N C Patel, Hon'ble, Vice Chancellor; Dr C. J. Dangaria, Director of Research; Dr. A. Y. Desai, Dean, College of Fisheries Science, Veraval accompanied him. He had a meeting with the scientists and advised to take up innovative research programmes in fisheries at Okha.



Dr. S. Ayyappan, Director General, ICAR and Dr N C Patel, Hon'ble Vice Chancellor visiting Fisheries Research Station at Okha.

Also, he visited the pearl millet research laboratory and experimental fields and had discussion with the scientists. He suggested the scientists to formulate the research programmes keeping in mind the present changing global scenario of climate.



Dr. S. Ayyappan, Director General, ICAR and Dr N C Patel, Hon'ble Vice Chancellor visiting experimental plots and laboratory at Jamnagar

Sports Tournaments

Table Tennis and Badminton



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the tournament



Event of badminton tournament

Inter Collegiate Table Tennis and Badminton tournaments were organized on August 10, 2011 by College of Veterinary Science and Animal Husbandry which was inaugurated by Dr. N. C. Patel, Hon'ble Vice Chancellor. In his inaugural speech, he encouraged the students to take every task as a challenge and make sincere efforts to get success. He also motivated the participants to take part with sportsman spirit and maintain the dignity and standard of games. Both the events in the category of boys and girls were won by the College of Agricultural Engineering and Technology, JAU, Junagadh.

Basket ball

Inter Collegiate Basketball tournament was organized on September 3, 2011 at College of Fisheries, JAU, Veraval. The tournament was inaugurated by Dr. P. V. Patel, Director, Students' Welfare, JAU, Junagadh. The College of Agriculture, Junagadh secured the first place.

Volleyball and Weight lifting



Shri Jitubhai Hirpara inaugurating the tournaments

Inter Collegiate Volleyball and Weight Lifting tournaments were organized on September 17, 2011. The tournaments were inaugurated by Shri Jitubhai Hirpara, leading advocate and President, BJP, Junagadh City. The function was chaired by Dr. A. M. Parakhia, DEE. Dr. P. V. Patel, DSW of the university also graced the occasion. The College of Agriculture, JAU, Junagadh won both the events.

Debate

Inter collegiate debate competition and Basket ball tournament were organized at College of Fisheries, Veraval on September 3, 2011. Shri Shibli Shailendra S. and Charan Kanudan S. the students of college of Fisheries secured first in the 'Favour' and 'Extempore' rounds, respectively, while, Mirza Samir Ahmed of College of Agricultural Engineering and Technology secured the first place in 'Against' round of the given subject.

Training of Trainers

The National level training programme on "Training of Trainers in Civic Citizenship and Life Skills" was organized by Rajiv Gandhi National Institute of Youth Development (RGNIYD) Shri Perumbudur, Tamil Nadu in collaboration with NSS Regional Center, Ahmedabad and Junagadh Agricultural University, Junagadh during July 25-29, 2011. Thirty seven NSS programme officers from the state of Gujarat, Maharashtra, Madhya Pradesh, Rajasthan, Chhattisgarh, Goa and Diu participated in this programme.

The programme was inaugurated by Dr. A. M. Parakhia, Director of Extension Education, JAU, Junagadh. Dr. A. Radhakrishnan Nair, Faculty Head (ADHH), RGNIYD was the guest of honour; Dr. P. V. Patel, Director, Students' Welfare and Programme Coordinator (NSS), JAU, Junagadh; Prof. J. B. Savani, Principal & Dean, College of Agricultural Engineering and Technology; Dr. V. D. Khanapara, I/C Principal, College of Agriculture, JAU, Junagadh and Ms. Adhila Hassan, Training Coordinator, RGNIYD remained present on the occasion.



Hon'ble Minister of Agriculture, Shri Dileep Sanghani addressing the trainees during valedictory function of training programme.



Hon'ble Minister of Agriculture, Shri Dileep Sanghani giving certificate to the trainee.

Shri Dileep Sanghani, Hon'ble Minister of Agriculture was the chairman of valedictory function. Dr. N. C. Patel, Hon'ble Vice Chancellor was the chief guest. Both the dignitaries shared their thoughts among

the participants and JAU teachers with the importance of such training. Hon'ble Agricultural Minister advised the participants to utilize their skills in serving poor people of the society. Mr. Kamal Kumar Kar gave the details regarding the training programme. Dr. P. V. Patel, Programme Coordinator (NSS) organized the function successfully.



Hon'ble Agriculture Minister, Shri Dileep Sanghani felicitating Ms. Adhila Hassan



Mr. Kamal Kumar Kar presenting memento to Hon'ble Minister of Agri. Shri Dileep Sanghani (Left) & Hon'ble Vice-Chancellor, Dr. N. C. Patel (Right)

Thalasemia Camp

Thalasemia Camp was organized in collaboration with Indian Red Cross Society (IRCS), Ahmedabad. The function was chaired by Dr. N. C. Patel, Hon'ble Vice Chancellor and was inaugurated by Dr. G. K. Gajera a well known Pathologist of Junagadh. In this camp 432 students were examined by the laboratory technician of IRCS at Junagadh and Veraval on September 6, 2011 and at Dhari and Amreli on September 7, 2011. Mr. Nileshbhai Bhartiya, Thalasemia Project Officer, IRCS, Ahmedabad presented a trophy and certificate to Dr. N. C. Patel, Hon'ble Vice Chancellor for the contribution of JAU in Thalasemia Prevention Programme. Dr. P. V. Patel, Programme Coordinator (NSS), JAU, Junagadh; Dr. Dharmendrakumar Mavani, Well-known Physician of Junagadh; Dr. C. J. Dangaria, Director of Research, JAU, Junagadh also graced the occasion.



Mr. Nileshbhai Bhartiya presenting a trophy to Hon'ble Vice Chancellor, Dr. N. C. Patel

Blood donation camp



Dr. Naresh Patel, Pathologist inaugurating the blood donation camp



Students donating blood

A blood donation camp was organized by the NSS unit of College of Agriculture, JAU, Junagadh on September 11, 2011. This programme was arranged in collaboration with Sarvoday Blood Bank, Junagadh. Dr. Naresh Patel, eminent pathologist of Junagadh inaugurated this camp and Shri Nalinbhai Acharya of Sarvoday Blood Bank provided necessary help. Shri Mahendrabhai Mashru, Hon'ble MLA of Junagadh also visited the camp and arranged the facility of Blood Bank bus for transporting the blood samples.

Geographical Indication (GI) for Gir Kesar Mango



Junagadh Agricultural University, Junagadh and Gujarat Agro Industries Corporation had applied for Geographical Indication (GI) for Kesar mango to Office of GI Registration, Chennai, Government of India during the year 2009. The proposals was prepared by the Department of Horticultural, Junagadh Agricultural University. The proposal was critically evaluated by the members of GI Registration committee. Due to its pleasant and unique characteristics, interesting history, geographical and climatic effect on Gir Kesar mango, the proposal was accepted and GI registration number 185 is given to Gir Kesar mango. The advantage of the registration is that the legal protection will be provided to Gir Kesar mango, the demand and price will be increased, and the farmers of Kesar mango orchard surrounding Gir region will be given a logo for its identification, so that these farmers only can sell the magoes as the Gir Kesar.

Workshop on Art of writing articles for farmers in print media



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the workshop on "The art of writing articles for farmers in print media" on July 30, 2011 by lighting the lamp.



Shri Kaushik Mehta, Editor, Phulchhab addressing the workshop

"Technology Week" on Groundnut

The "Technology Week" on Groundnut was celebrated during September 19-24, 2011 at KVK, Khapat. During the week, seminars, field visit, exhibition and demonstration of improved farm implements were organized. The groundnut technologies like production, Integrated Pest Management (IPM), Integrated Disease Management (IDM), Post Harvest Technology (PHT) value addition, marketing, etc. were presented and discussed. The demonstration of new technologies was also made. A total number of 253 farmers participated in the seminar. Dr A M Parakhia, DEE, JAU, Junagadh visited the centre during the technology week and provided guidance to the farmers.



Farmers visiting crop cafeteria at KVK, Khapat.

Training programmes

1. Agro meteorological observations and data management

A one day training programme on "Agro meteorological observations and data management" was organized at the Agro meteorological Cell; Centre of Excellence in Agro met Services, Department of Agronomy, Junagadh Agricultural University, Junagadh on July 25, 2011. Twenty seven technical assistants from different Agricultural Research Stations of Junagadh Agricultural University participated in the training.

Dr. A. M. Parakhia, Director of Extension Education and Dr. V. D. Khanpara, Professor and Head, Department of Agronomy remained present in the inaugural ceremony. Dr. Parakhia in his inaugural address explained the importance of Agro meteorological observatory and said that "An Agricultural Research Station without an Agro meteorological observatory is like a school without a playground". Dr. Khanpara also addressed the participants. Dr. D.D. Sahu, Professor, Agro meteorology and M.C. Chopada, Technical Officer imparted training to the participants on the methods of observation and maintenance of instruments in the observatory.



Dr. A. M. Parakhia, Director of Extension Education, JAU, Junagadh addressing the participants



Participants of the "Agro meteorological observations and data management" Training.

2. Modern cultivation of vegetable crops

A one day training programme on "Modern cultivation of vegetable crops" was conducted on August 8, 2011 at "Centre of Excellence on Soil and Water Management". Thirty progressive farmers from different Talukas of Junagadh district participated in the training.



Dr. A. M. Parakhia, Director of Extension Education, JAU, Junagadh inaugurating the programme

The information on modern cultivation of vegetable crops was given to the farmers. Dr. A. M. Parakhia, DEE, JAU, Junagadh; Dr. R. Subbaiah, Research scientist (Agril. Engg), JAU, Junagadh; Dr. L. K. Dhaduk, Research Scientist, VRS, JAU, Junagadh remained present in the inaugural session.

3. New production techniques and water use efficiency in Agriculture

A training programme on "New production techniques and water use efficiency in Agriculture" was organized during July 12-14, 2011 at JAU. Dr. C. J. Dangaria, Director of Research was the chief guest of the inaugural function. The Director of Extension Education and Deans of various faculties were present in the function.



Dr. C. J. Dangaria, Director of Research inaugurating the training programme

4. Winter school on "Instrumental Techniques in Agriculture and Food Quality Assessment"

A winter school on "Instrumental Techniques in Agriculture and Food Quality Assessment" sponsored by Indian Council of Agricultural Research (ICAR) New Delhi was organized by the Department of Biotechnology, JAU, Junagadh during October 1-21, 2011. The Course Director, Dr. B. A. Golakiya, Professor and Head, Department of Biotechnology organized the training programme successfully. About 47 participants from 12 Agricultural Universities of country including 25 scientists from JAU participated in this winter school. The main topics of the training were food safety and standard, food adulteration and assessment, personality development, skill development including practical training carried out on instruments.



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the winter school



Dr. A. V. Barad, Principal College of Agri. presenting the memento to Dr. B. A. Golakiya

Saraswati Sanman



Mrs. Indiraben Patel, President, Krushi Parivar Mahila Mandal inaugurating the function "Saraswati Sanman" by lighting the lamp

Saraswati Sanman programme to felicitate the meritorious children of Krushi Parivar was organized on July 16, 2011 at Conference hall, College of Agriculture, JAU, Junagadh. Dr. N.C. Patel, Hon'ble Vice Chancellor, JAU chaired the function and Mrs. Indiraben Patel, President, Krushi Parivar Mahila Mandal inaugurated the function. She blessed the students and advised to maintain moral values as well as respect their teachers and elders. Dr. N.C. Patel, Hon'ble Vice Chancellor congratulated all the students who succeeded in board exam with good performance. He encouraged them to work for their bright future with dedication and sincerity. The mothers of the meritorious students who secured more than 90% in 10th and more than 85% in 12th standard were also felicitated by offering Shawl. Shri Natubhai Makadiya, Managing Director, Akshay Seed Tech Co. was the chief guest. Dr. C. J. Dangaria, Director of Research and Dean PG Studies and Dr. A.M. Parakhia, Director of Extension Education, JAU, Junagadh was the guests of honour at the function.

Dr. P.V. Patel, President, JAUTA organized the function successfully. In his introductory speech, he told that JAUTA has been organizing such programme since last 13 years. A total number of 55 students including 24 girls from 10th & 12th standard were felicitated by presenting mementoes and certificates.



Unveiling the tablet of foundation stone laying ceremony of examination hall



Joint secretary (Finance) & Sachivalaya Staff interacting with farmers at KVK, Khapat

Inauguration of New Polytechnic in Home Science building at Amreli



Hon'ble Agriculture Minister, Shri Dileep Sanghani, Ex. Agriculture Minister Shri Purushottam Rupala, Hon'ble Vice Chancellor, Dr. N. C. Patel and other dignitaries at Inaugural Ceremony of new building of the Polytechnic in Home Science at Amreli

Joint Secretary (Financial Advisor), Dept. of Agriculture and Co-operation, Govt. of Gujarat & Sachivalaya Staff visited KVK, Khapat and interacted with farmers. They discussed about the demonstration units established and seed production programmes being taken up at KVK and appreciated the work carried out by KVK, Khapat.

Visit of progressive women to JAU campus



A group of progressive women visiting high-tech green house, Department of Horticulture in presence of Hon'ble Vice Chancellor on July 2, 2011

Extension and Research council meetings



Extension council meeting held on August 9, 2011 at 16:30 hr.



Research council meeting on August 9, 2011 at 15:00 hr.

Book - Post

To, _____

From : Directorate of Extension Education
 J.A.U., Junagadh - 362 001.
 (Gujarat) E-mail : dee@jau.in