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Proverb

It is better to light the candle than cursing the darkness

- Anonymous

From the Vice Chancellor's Desk



It has been rightly said by our father of nation Mahatma Gandhi that "Salvation of India lies in the cottage" means if we want to progress, the priority should be given to the villages. In this context many efforts were made after independence to make progress in terms of allround development of the villages. Now, in 21st century "knowledge is power". It is high time for knowledge dissemination for the livelihood of people. As it is being said that agriculture is the backbone of Indian economy. So the rural and agricultural development is quite essential for all the walks of life in India.

Let me remind that before the implementation of Krushi Mahotsav in the year 2005 the annual agricultural income was around ₹ 9000 crore which now has reached to around ₹ 49000 crore due to the execution of Krushi Mahotsav through the involvement of network of agricultural scientists in this event. Gujarat has become the vibrant state for the spectacular development and role model for other states and countries especially for agricultural development because of Krushi Mahotsav. The month-long celebration created awareness regarding implementing advanced technology in agriculture and its allied fields, increasing proximity between agricultural scientists and farmers, trying to converge the schemes for agricultural reforms in the state. Krushi Mahotsav has played a pivotal role for transforming the villages of Gujarat into knowledge hubs.

Now, the seventh Krushi Mahotsav is likely to begin from May 06, 2011 on the auspicious day of Akshaya Tithiya for month-long campaign of agricultural scientists with an objective to sustain the agricultural growth by their sincere and serious efforts. Again, I wish a grand success of Krushi Mahotsav - 2011.

(N C Patel)
(N C Patel)

Sixth Annual Convocation of Junagadh Agricultural University



*Her Excellency the Governor of Gujarat
Dr. Shrimati Kamla releasing the publication in convocation*

The Sixth Annual Convocation was organized by Junagadh Agricultural University on January 15, 2011. Dr. Shrimati Kamla, Hon'ble Chancellor of the University presided over the convocation. Shri Dileep Sanghani, Hon'ble Minister of Agriculture, Cooperation, Animal Husbandry, Fisheries & Cow Breeding, Government of Gujarat was the Guest of Honour and Dr. M. M. Pandey, DDG (Engg.), ICAR, New Delhi was the chief guest in the ceremony. At the

outset Dr. N. C. Patel, Hon'ble Vice Chancellor, Junagadh Agricultural University welcomed all the dignitaries, faculty members, recipients of degrees and gold medals. In his brief welcome address, he explained the progress of the university during the year. He congratulated the medal and degree recipients and wished a prosperous career and success in their future endeavours.

The graduates and post graduates of respective faculties were presented by the concerned Deans namely Dr. C. J. Dangaria, Director of Research & Dean, Post Graduate studies, Dr. A. V. Barad, Faculty of Agriculture, Prof. J. B. Savani, Faculty of Agricultural Engineering & Technology, and Dr. A. Y. Desai, Faculty of Fisheries Science. Dr. R. L. Shiyani, Registrar presented all the graduates to the Hon'ble Chancellor to confer the degrees.

Dr. Shrimati Kamla, Hon'ble Chancellor conferred the degrees and awarded the Gold Medals individually to the meritorious students of various faculties. In her convocation speech, she encouraged the students and reminded them of their responsibilities towards the society and the country. Dr. Kamla told the students that, "you have grown up and obtained the degrees but don't be contented at that point only because you have special responsibilities ahead. You must work to resolve the various issues that the society and country are facing today".

The Guest of Honour Shri Dileep Sanghani, Hon'ble Minister of Agriculture, congratulated the students for the brilliant performance in their studies. He advised that peace and happiness come from the core of our heart. If they improve their moral qualities along with the academic qualifications they will be ideal citizens of this country. Their responsibility is now increasing.

Dr. M. M. Pandey, DDG (Eng.), ICAR, New Delhi the Chief Guest, in his convocation address, said that convocation is an important occasion of the university and for the student community. The students are the brighter and precious jewels of the country. He said that India is now looked upon as an important global institutional hub for quality education. The state agricultural universities are the main source of developing competent human resources that are so critical for the development of agricultural sector. He advised and encouraged the students to be good citizens and the necessary qualities of a good citizen are sincerity, integrity and compassion. He stressed the need of hard work and sincerity in performing their duties for the development of society and country.

Gold Medalists of JAU



Her Excellency the Governor of Gujarat, Dr. Shrimati Kamla awarding the gold medals to the meritorious students

(A) Chancellor's Gold medal for the best PG student

Sr. No.	Name of the student	College	Faculty
1.	Sh. Pabala Satyawani Shankar	College of Agriculture	Agriculture
2.	Kum. Dezy Sahu	CAET	Agri. Engg. & Tech

(B) Vice Chancellor's Gold medal for the best UG student

Sr. No.	Name of the student	College	Faculty
1.	Sh. Dheeraj Singh Rathore	Agriculture	Agriculture
2.	Sh. Monpara Pratik Lalitbhai	CAET	Agri. Engg. & Tech
3.	Sh. Ishvar Singh Rathore	Fisheries Science	Fisheries Science

(C) Highest OGPA in different faculties

Sr. No.	Name of the student	College	Faculty
1.	Sh. Bhalia Chirag kumar Mansukhbhai	Agriculture	Agriculture
2.	Kum. Balani Poonam Chelaram	CAET	Agri. Engg. & Tech
3.	Sh. Ishvar Singh Rathore	Fisheries Science	Fisheries Science

(D) Individual Gold Medalists

- (i) Shri Dheeraj Singh Rathore, a student of College of Agriculture, Junagadh was awarded six gold plated silver medals for being adjudged the best all rounder UG student of B. Sc. (Agri) and for securing the highest GPA in the subjects of Agril. Botany, Plant Breeding & Genetics, Plant Physiology, Horticulture and Agricultural extension in UG examination.
- (ii) Shri Bhalia Chiragkumar Mansukhbhai was awarded the highest 11 Gold plated Silver Medals for securing the highest GPA in the subjects of Agricultural Entomology, Plant Pathology, Agronomy, Soil Science, Agricultural Economics and the highest OGPA in B. Sc. (Agri.) degree examination.
- (iii) Kumari Balani Poonam Chelaram, a student of College of Agricultural Engineering & Technology, was awarded eight Gold Plated Silver Medals for securing the highest OGPA in B. Tech. (Agril. Eng.) Degree Examination and for securing highest GPA in the subjects of Farm Machinery and Power, Agricultural Process and Food Engineering, Basic engineering, Soil and Water Engineering.
- (iv) Shri Ishvar Singh Rathore, a student of College of Fisheries Science, Veraval was awarded three Gold Plated Silver Medals for securing the highest OGPA in B.F.Sc. Degree Examination and for securing highest GPA in the subjects of Aquaculture.
- (v) Kumari Ranware Soniya Sunil, a student of College of Agriculture, Junagadh was awarded a Gold Plated Silver Medal for securing the highest GPA in the major subject of Agricultural Entomology in M.Sc.(Ag.) Degree Examination during the year 2009-10

Students Activities

Sports :

- ❖ The sixth Inter College / Inter Polytechnic Athletics Sports Meet-2011 was successfully organized on January 29-30, 2011 where the College of Agriculture, Junagadh and Polytechnic in Horticulture, JAU, Junagadh became champions. The inaugural function was chaired by Dr. N. C. Patel, Hon'ble Vice Chancellor and Mr. Banchhanidhi Pani, IAS, District Development Officer of Junagadh, remained present as the chief guest of the function.



Shri Banchhanidhi Pani, DDO, Junagadh inaugurating the sixth inter college/inter polytechnic meet, 2011.



Participants of 12th All India Agricultural University Youth Festival

- ❖ Inter collegiate competitions of 20-20 Cricket and Weight Lifting were successfully organized during March, 2011 and both the events were won by the College of Agriculture, JAU, Junagadh.
- ❖ The cricket team of JAU participated in the Gujarat State Inter Agricultural University 20-20 Cricket tournament held on March 22 - 23, 2011 at Anand Agricultural University, Anand.
- ❖ A group of forty students of JAU participated in the 12th All India Agricultural University Sports and Games Meet 2010-11 organized by Kerala Agricultural University, Thrissur during February 16 - 20, 2011.
- ❖ **Cultural and literary competition**
- ❖ Twenty two students participated in the Group song, Folk Dance, Debate, Extempore, Mono acting and six art items in the 12th All India Agricultural University Youth Festival "Agriunifest-2011" which was organized by Anand Agricultural University, Anand from February 17-20, 2011.

NSS :

Six special camps and seven one day camps were organized by the Director of Students' Welfare, JAU, Junagadh

Sr. No.	Name of the College	Period / Date
1.	College of Agriculture and College of Veterinary Science	March 21 - 27, 2011
2.	College of Agriculture Engineering & Technology and Polytechnic in Agro processing	February 25 to March 3, 2011
3.	College of Fisheries Science	February 29 to March 2, 2011
4.	Polytechnic Horticulture, Junagadh	February 25 to March 3, 2011
5.	Polytechnic in Home Science, Amreli	February 23 to March 1, 2011
6.	Polytechnic in Agriculture, Dhari	February 24 to March 2, 2011

Donors of Gold plated silver Medals:

- ❖ Three new gold plated silver medals for the subject of Agril. Chem. & Soil Science in M. Sc. degree are instituted by the following donors which will be awarded from the next year.

Sr. No.	Name of Donor	Name of Medal
1.	Dr. P. R. Godhani	Dr. M. V. Kanzaria well wishers Gold Plated Silver Medal
2.	Dr. M. S. Patel	Smt. Babuben Mulchandbhai Patel Gold Plated Silver Medal
3.	Dr. J. D. Gundalia	Dr. J. D. Gundalia Gold Plated Silver Medal

Training Programme on Leadership Development

International School for Public Leadership, Ahmedabad and JAU, Junagadh jointly organized two training programme from March 11 - 7, 2011 at Junagadh and from March 21-25, 2011 at College of Fisheries, Veraval. Dr. P. V. Patel, Director of Students Welfare, remained present as a chief guest for both the functions. He encouraged the participants and stated the importance of leadership qualities in student and public life.

Memorable Programme

Mr. Dev Patel, Hero of the Oscar Nominated Film (Year-2009), "Slum Dog Millionaire" has visited Junagadh Agricultural University, Junagadh. The students and staff of all the colleges of the university remained present in the programme which was chaired by Dr. N. C. Patel, Hon'ble Vice Chancellor Dr. D. P. Chikhaliya, the Vice President of Indian Medical Association, Junagadh, Shri Pravin Sinha, Hon'ble IGP, Junagadh Range and Smt. Bhavanaben Chikhaliya, Ex. Minister for Tourism (State level) Govt. of India also graced the occasion. The function was co-coordinated by Dr. P. V. Patel, Director of Students Welfare, JAU, Junagadh successfully.



Dr. D. P. Chikhaliya introducing Mr. Dev Patel to the house.



Felicitation of Mr. Dev Patel



Mr. Dev Patel speaking to the students



Dr. N. C. Patel, Hon'ble Vice Chancellor addressing the gathering

Joint meeting of AGRESKO, Junagadh Agricultural University

The seventh joint AGRESKO meeting was held in the seminar hall of College of Agricultural Engineering & Technology, Junagadh Agricultural University, Junagadh on March 17, 2011 under the Chairmanship of Dr. N. C. Patel, Hon'ble Vice Chancellor, Junagadh



Dr. C. J. Dangaria, Director of Research addressing the Joint Agresko meeting

Agricultural University, Junagadh. All the conveners of AGRESKO sub-committees of JAU, scientists of the University, Officers of the line departments of Gujarat state and the members were present in the meeting. In the joint AGRESKO meeting, seven new varieties viz., Groundnut (GJG-17 and GJG-22), Okra (GJOH-3), Ridge Gourd (GJRGH-1), Indian bean (GJIB-1), Soybean (G.Soy-3) and Pearl Millet (GHB-732) were proposed for release in the state. Besides, 35 new technologies / recommendations and seven recommendations were made for farmers and scientific community respectively. In addition as many as 99 new technical programmes were formulated to initiate the new research programme for the solution of the applied and basic problems of Agriculture and allied field.

Capacity building programme



Participants of ARM training programme organized by NAARM at JAU, Junagadh.

Junagadh Agricultural University, Junagadh and National Academy of Agricultural Research Management, Hyderabad jointly organized Capacity Building Programme on "AGRICULTURAL RESEARCH MANAGEMENT" during February 1-5, 2011 at conference hall, College of Agriculture, JAU Junagadh. Total 30 Agricultural Scientists of JAU participated in the programme. The programme remained fruitful to improve the research managerial ability of senior scientists of Junagadh Agricultural University

Pearl millet Scientists of JAU Honoured

The team of scientists working in All India Coordinated Pearl Millet Improvement Project, JAU, Jamnagar was awarded appreciation certificate for taking initiatives to promote adoption of pearl millet



Dr. K.S. Khokhar, Hon'ble VC, CCS, HAU Hisar awarding certificate to Dr. K.L. Raghvani

hybrids. The certificate was awarded at the inaugural function of 46th annual group meeting of All India Coordinated Pearl Millet Improvement Project held on March 12-14, 2011 at CCS, Haryana Agricultural University, Hisar by Dr. K.S. Khokhar, Hon'ble Vice Chancellor, CCS, Haryana Agricultural University in presence of Dr. R.D. Dua, ADG (FFC), Dr. J.S. Sandhu, ADG (seeds), Dr. O.P. Yadav, Project Coordinator (Pearl Millet) and Dr. H.P. Yadav, Organizing secretary.

Activities of AMIC at JAU

The project on "Establishing and Networking of Agricultural Market Intelligence Centers (AMIC) in India" was started from July, 2009 in Junagadh Agricultural University, Junagadh representing Gujarat. The crops selected for the state are groundnut, cotton,



Principal Investigator, NAIP Project, TNAU, Coimbatore visited JAU, Junagadh

sesame, castor, black gram, wheat, mustard, cumin, chickpea and pigeon pea.

The key objectives of the project are price forecast of major commodities, providing market intelligence such as product qualities, high price markets, dissemination of market intelligence through different mass media, training the farmers and officials of agricultural departments, studying the different market intelligence aspects and developing commodity market outlook

During the period from January to March, 2011, twenty two price forecasting of major crops of Gujarat at sowing and at harvest was issued and was published in local news papers. Nine farmers training and seven officials trainings were conducted at different locations like KVKs of the university and farmers fields.

Journey from poverty to prosperity

Dr. Babubhai Dholariya born in a poor farmer's family of village Vadia of Rajkot district became Director, Adult Education Department, Saurashtra University. Without having a formal education in school, he secured Ph. D. degree after struggling hard from his early life. His simplicity and adversity in life helped in achieving the success in his life. He became a



Dr. N. C. Patel, Hon'ble Vice Chancellor felicitating Dr. Babubhai Dholaria

motivational and inspirational role model for the students. He has written his autobiography in a book "Rondha vela". He was invited to deliver a speech on "Role of Agricultural University and Expectation of People" on March 24, 2011. There was good interaction between students and Dr. Dholaria about his experiences in his life. This programme was arranged under the guidance of Dr. N. C. Patel, Hon'ble Vice Chancellor and Dr. P. V. Patel, Director of Students' Welfare, JAU, Junagadh.

Distinguished visitors



Dr. B.C. Patil, Scientist, U A S, Dharwad, discussing with JAU Scientists

Dr. B.C. Patil, Scientist, University of Agricultural Science, Dharwad visited JAU for monitoring AICRP trials of Cotton Research Station, Junagadh on January 19, 2011. He appreciated the systematic conduct of the experiments by the scientists of Cotton Research Station. Dr. N.P. Singh, Project co-ordinator (chickpea), IIPR, Kanpur (UP) visited Pulse Research Station, JAU, for the monitoring of all India co-ordinated research programme of chickpea during February 16-17, 2011.

Visit of Dignitaries



Shri E.K. Majhi, Joint secretary Ministry of Agriculture Govt. of India visits RKVY Project Department of Pl. Pathology on January 14, 2011



Shri Dileep Sanghani, Hon'ble Minister of Agriculture & Co-operation visiting the Wheat Research Station, JAU, Junagadh

Inaugurations



Shri Kanubhai Bhalala, Hon'ble State Minister of Agriculture inaugurating the Govardhan Hostel



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the training programme of IFFCO & JAU



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the HRD workshop at JAU, Junagadh



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the Biochemistry workshop at JAU, Junagadh

Training Programmes



Hon'ble Vice Chancellor, Dr. N. C. Patel addressing the training workshop under T & V System during 4-5 January, 2011



Hon'ble Vice Chancellor, Dr. N. C. Patel addressing the trainees during the youth farmers training programme



Dr. A.M. Parakhia, Director of Extension Education addressing the Farmer training under seed village programme.



Farmers' shibir at Vandarval village on January 5, 2011



Shri Kapupara, Principal, Bakery School, JAU, Junagadh giving training for cake making at Chandravada village of Mendarada Taluka

KVK activities of Junagadh Agricultural University

Scientific Advisory Committee Meeting of all five KVKs of Junagadh Agricultural University were held under the chairmanship of Hon. Vice Chancellor Dr. N. C. Patel. During these meeting Hon. Vice Chancellor made constructive suggestions to strengthen the activities of KVKs and there by transferring the front line agricultural technology to the farming community. He reviewed the activities of KVK of the year 2010-11.

Shri Devalbhai Alabhai Ambalia, a progressive farmer of Viramdad village of Jamkhambhalia who has developed a motorcycle operated sprayer was honored by Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU for his credible innovation and new technology. He was also awarded by ICAR, New Delhi on February 2, 2010.



Hon'ble Vice Chancellor, Dr. N. C. Patel addressing the SAC meeting at KVK, Targhadia



Hon'ble Vice Chancellor, Dr. N. C. Patel inaugurating the function of Scientific Advisory Committee (SAC) meeting at KVK, Khapat, Porbandar



Hon'ble Vice Chancellor, Dr. N. C. Patel visiting the demonstration plots at KVK, Nana Khandhasar



Hon'ble Vice Chancellor, Dr. N. C. Patel visiting the demonstration plots at KVK, Jamnagar



Hon'ble Vice Chancellor, Dr. N. C. Patel addressing the SAC Meeting at KVK, Amreli

Under Central Government sponsored seed village scheme total six training programmes, four for farmers and two for farmer women were organized by Directorate of Extension Education during January 6-7, 2011 at JAU, Junagadh in which 291 participants including 146 farm women were trained.

The purpose of seed village scheme is to produce quality seed. Dr. A. M. Parakhia stated the importance of production of quality seeds of cumin, wheat and groundnut.

National workshop on AICRP vegetable crops

The 29th group meeting of All India Co-ordinated Project was held at Junagadh Agricultural University, Junagadh during January 26 – 30, 2011. The group meeting was inaugurated by Hon'ble Minister of State Agriculture and Water Resources Shri Kanubhai Bhalala. Dr. S. P. Singh, Deputy Director General (Hort.), ICAR and Dr. Umesh Shrivastav, Assistant Director General (Horti.) ICAR were present. Dr. N. C. Patel, Vice chancellor, JAU was the co-chairman in the meeting. Total 176 scientists from different states of the country and union territories and 36 members of private companies were present in the workshop. During this meeting nine new varieties of different vegetable crops were released. This group meeting was held for four days with 12 sessions on different groups. In this group meeting national level scientists like Dr. G. Kalloo, VC, JNAU, Jabalpur, Dr. D. P. Singh Ex. ADG, ICAR, New Delhi, Dr. K. V. Peter, Ex. Director of AICRP, Varansi, Dr. Mathura Rai, Dr. A. S. Sindhu from Bangalore, Dr. S. K. Sharma from Bikaner, Dr. D. P. Singh from Simlala, Dr. M. M. Anavar from Ajmer were present. Dr. L. K. Dhaduk, Res. Sci. (Garlic-Onion) was the organizing secretary of the group meeting.



Shri Kanubhai Bhalala, State Minister of Agriculture inaugurating the vegetable workshop by lighting the lamp.



Dignitaries visiting the exhibition of vegetables

Training Programme on spice crops :

A two-day training programme on "Export quality production and value addition of seed spices" was organized jointly by Vegetable Research Station and Directorate of Extension Education during March 24-25, 2011 at Sardar Smruti Kendra, JAU, Junagadh. Dr. N.C. Patel, Hon'ble Vice Chancellor, JAU, Junagadh inaugurated the function and explained that quality seed production and value addition are the need of the day. Dr. A.M. Parakhia, Director of Extension Education, Dr. I.U. Dhruj, ADR and Dr. L.K. Dhaduk, Research Scientist (Garlic and Onion) organizing secretary for the seminar were present in the training programme. Experts from post harvest technology department, College of Agricultural Engineering and Technology gave practical training about the spice crops. Forty four young farmers of Saurashtra region participated in the training.

To,

Book - Post

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