

Vice Chancellor's Desk

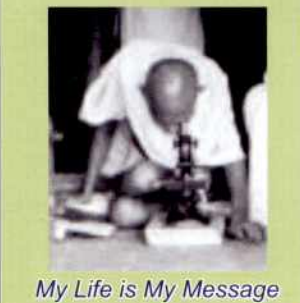


The climate change is a planet wide phenomena concerns hydrological cycle and agriculture. The Intergovernmental Panel on Climate Change (IPCC) has predicted that the global temperature would rise by 1.4 to 5.8° C by the year 2100. The warming trend during past decades occurred mainly due to the increase in the minimum temperatures rather than the maximum temperatures. The rainfall, runoff and evapotranspiration and groundwater recharge are the important phases of hydrological cycle. These components of the hydrological cycle are directly affecting the agriculture. The warming trend will endanger our food and water securities.

The study is undertaken to assess the climate change impacts on groundwater recharge and to develop the suitable water harvesting cum groundwater recharge structures to enhance the water availability as well as its multiple water uses for enhancing water productivity. Following points are very important to be addressed to cope up with climate change.

- ◆ Reassessment of water resources in the present scenario and strategies to utilize rainfall effectively and enhance water productivity through multiple uses.
- ◆ Artificial recharge to groundwater is essential to restore supplies from aquifers depleted due to excessive groundwater development. It will enhance sustainable yield in areas where over development has depleted the aquifer, conserve and store excess surface water and will improve the quality of groundwater.
- ◆ Location specific groundwater recharge structures with filters should be increased and the techno-economic stature of the structures with respect to climatic variability may be evaluated.
- ◆ The deep wells in the State, used for abstractions can be converted into recharge wells too, which will ensure sustainable groundwater table throughout State. Subsidy or grants may be provided to convert deep wells into recharge wells and testing its recharge capacity.
- ◆ Effect of climate change may be evaluated through the change in crop water requirements.
- ◆ Strategies for conjunctive use of surface and groundwater is to be developed for different locations to enhance water productivity and be modeled to mitigate climate change in the area.
- ◆ Studies to be conducted to mitigate climate change effect on crop production through water management strategies.
- ◆ Multiple use of water through integrated water resource management strategy with improved water productivity and increased water use efficiency is recommended for obtaining economic and sustained crop and livestock production and preserving the resource bases with high environmental quality.
- ◆ Prioritization of available technologies to adopt and mitigate the climatic extremes.
- ◆ Legislation and regulations needed to address issues of ownership, water quality, management and pollution.
- ◆ Capacity building of the stakeholders with respect to groundwater recharge and multiple Use of water..

Joint efforts of scientists, farmers, policy makers and Government/ private agencies are needed to overcome the adverse effects of climate change and sustain the food supply to people..



My Life is My Message

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7th Annual Convocation of JAU presided by Her Excellency Dr. Shrimati Kamala the Governor of Gujarat and Chancellor, Mr. Dileep Sanghani, Agriculture Minister, GoG; Padmashri Dr. M. H. Mehta, Chief Guest; Dr. N. C. Patel, Vice Chancellor and Dr. R. L. Shiyani, Registrar were on dais

Annual Convocation

The seventh Annual Convocation of Junagadh Agricultural University was organized on February 4, 2012. Dr. Shrimati Kamala, H. E. the Governor of Gujarat and Hon'ble Chancellor of the University presided over the convocation. In convocation address, Chief Guest Padmashri Dr. M. H. Mehta, Former Vice Chancellor of GAU advised the graduates to



Excellent students were awarded with medals by Her Excellency Dr. Shrimati Kamala at 7th Annual Convocation of JAU

go ahead with innovative spirit. He recalled his Junagadh declaration for value added agricultural revolution made by him almost one decade back in an international conference.

The guest of honour Shri Dileep Sanghani, Minister of Agriculture, Cooperation, Animal Husbandry, Fisheries and Cow breeding appraised various achievements of JAU and assured the commitment of Gujarat state for development in agriculture sector. Six publications were released on the occasion.

Two Chancellor Gold Medal, 6 Vice Chancellor Gold Medal, 36 Gold Plated Silver Medal and 2 Cash Prizes were awarded to students in the convocation.



Eighth joint AGRESO meeting presided by Dr.N.C. Patel, Hon'ble Vice Chancellor, JAU, Junagadh

The Eighth Joint AGRESO of JAU held on March 22, 2012 under the Chairmanship of Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU, Junagadh.

During the 8th Joint AGRESO Meeting, three new varieties viz., Brinjal (GJB-3), Indian bean (papadi) (GJIB-2) and Sesame (G. Til-3 endorsed for summer) released in the state. Besides, 47 technological recommendations were made for farmers and 19 recommendations were made for Scientific Community and eighty five new technical programmes were formulated to initiate the new research programmes for the solutions of the applied and basic problems of agriculture and allied fields.



Shri Dileep Sanghani, Hon'ble Min. of Agriculture addressing the farmers at Bhumi Pujan ceremony, ATC, Amreli

Bhumi Pujan ceremony of Advance Training Center for farmers was held in presence of Shri Dileep Sanghani, Hon'ble Minister of Agriculture & Cooperation, Government of Gujarat at JAU, Amreli on March 17, 2012. The centre will impart advanced training on various aspects of agriculture to the farmers.

Stakeholders' Consultation on Climate Change Platform was jointly organized by the Project on "National Initiative on Climate Resilient Agriculture",

Felicitatation of Padmashree Dr. M. H. Mehta, Former Vice Chancellor of GAU by Shri Dileep Sanghani, Minister of Agriculture at JAU, Junagadh on February 4, 2012.



Inaugural ceremony of International Hostel & Educational Museum by H.E. the Governor of Gujarat, Dr. Shrimati Kamala on February 4, 2012.



running under AICRP on Groundwater Utilization, JAU, Junagadh & Directorate of Water Management (ICAR), Bhubaneswar (February 9-10, 2012) at JAU, Junagadh. Dr. Ashwani Kumar briefed about climate change research in agriculture sector in India and invited all the stakeholders for an effective consultations to identify the thrust areas for XIIth plan. Dr. N.C. Patel, Hon'ble Vice Chancellor, in his presidential address, shared his views on the climatic variability of the region and advised to frame out the future plan of research work to make the agriculture climate resilient. Dr. N. K. Gontia, Professor & Head, SWE Deptt. Gave outline of the NICRA project. eighty scientists/experts from central/state governments organizations, NGOs and progressive farmers participated.



Dr. Ashwini Kumar, Director, Water Management (ICAR), Bhubaneswar inaugurated the meet of Stakeholders' consultation on Climate Change Platform



Dr. N.C. Patel, Hon'ble Vice Chancellor inaugurating Khedut shibir at FRS, JAU, Mangrol

A Khedut Shibir on “Export Oriented Agricultural Practices of Horticultural Crops and its Value Addition” was organized at Fruit Research Station, JAU, Mangrol by “Centre of Excellence on Soil & Water Management” on January 13, 2012. Total 50 farmers participated in the programme.

Dr.N.C.Patel, Hon’ble Vice Chancellor, JAU, Junagadh was the chief guest for the function, Dr. A.M. Parakhia, Director of Extension Education, JAU, Junagadh and Dr. R.Subbaiah, Research Scientist (RTTC), JAU, Junagadh on this occasion. Seedlings of coconut (TxD) were allotted to the progressive farmers on this occasion.



Dr. N.C. Patel, Hon'ble Vice Chancellor addressing the participants of National level Training program on “Writing for print media’

National level training program on “Writing for print media’ was jointly organized by MANAGE, Hyderabad and JAU during February 27-29, 2012 in which 25 participants got training for effective and authentic writing skills for print media.

SEMINAR

A seminar on “Agricultural Biotechnology” was jointly organized by Department of Genetics and Plant Breeding and Mahyco-Monsanto Biotech India Private Limited on March 20, 2012. The seminar was inaugurated by Dr. C.J. Dangaria, Director of Research, JAU, Junagadh. Dr. Chetnaben Mandaviya, Professor & Head, Deptt. of Genetics & Plant Breeding welcomed all the guests and participants and gave the introductory remarks about the seminar theme. The experts of Mahyco-Monsanto Biotech delivered lectures on sustenance of Bt. Cotton Technology, latest advances in seed development to maximise crop production and also gave information to participating students on Monsanto's Beachell- Borlong International Scholars Program. 260 participants attended the seminar including scientists, teachers, agriculture officers and P.G. students of JAU.



One day training programme on “Characterization, Registration and Seed Production Technology of Castor” was organized on behalf of PPV & FRA by Seed Technology Research Unit, Pearl Millet Research Station, JAU, Jamnagar on March 27, 2012.



Dr. N. C. Patel, Hon'ble Vice Chancellor inaugurating the workshop of RTI act organized on March 27, 2012

Felicitation

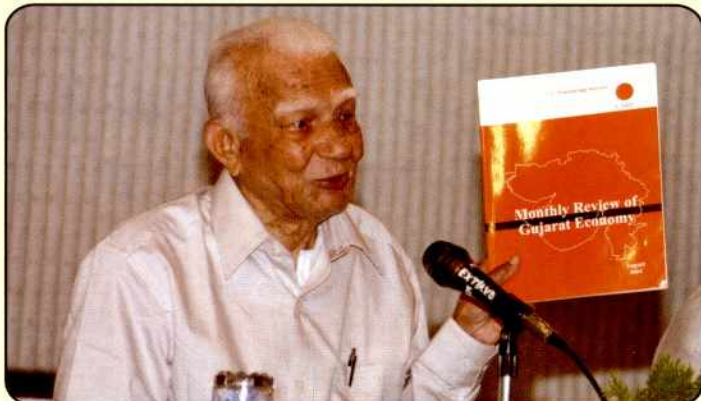


The honour of felicitation was extended to Shri Harshadbhai Shah, Vice Chancellor of the Children University, Gandhinagar by Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU, Junagadh on February 15, 2012.



CAET Alumni Association felicitated Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU for receiving the award of Fello-2011 from the Indian Society of Agricultural Engineers. Prof. A.C. Pandya, Ex. Director, CIAE, Bhopal felicitated Dr.N.C. Patel on behalf of the association.

Special Lectures



Prof. A. C. Pandya, Ex. Director, CIAE, Bhopal giving lecture on "Career opportunities and challenges in the field of agriculture"

Special lecture was delivered by Prof. A. C. Pandya, Ex. Director, CIAE, Bhopal, Ex. Member of Board of Management (GAU) to PG students and teachers/ scientists on “Carrier, opportunities and challenge in the field of agriculture” on March 20, 2012.



A Special lecture was delivered by Prof. Harshadbhai Shah Hon'ble Vice Chancellor of the Children University, Gandhinagar

A special lecture was delivered on February 15, 2012 "Shikshan ni samagrata ane Samargata nu Shikshan" by Shri Harshadbhai Shah, Vice Chancellor of the Children University, Gandhinagar for faculties of JAU, Junagadh.

Visit of Scientist and Progressive farmer of USA



Dr. Noris Ledesma, Curator, Yair Aron, Sr. Executive, Tropical Botanical Garden Center, USA and Dr. Bhaskar Savani, progressive Farmer and Mango grower of USA visited JAU and appreciated research activities of the university during discussion with Dr. N.C. Patel, Hon'ble Vice Chancellor, JAU.



Indumatiben Katadare (Punaruthan Trust) delivering special lecture on "Var Vadhu Chayan" to PG students & JAU families. Smt. Indiraben Patel, President, Mahila Mandal presided over the function

The Center of Excellence on Soil Water Management, Junagadh and Mahuva Centre in collaboration with the Department of Horticulture, Govt. of Gujarat, Bhavnagar, jointly organized one day farmers training on "Modern cultivation methods and value addition to horticultural crops" at Talaja Farm of Junagadh Agricultural University on March 6, 2012.



Dr. N. C. Patel, Hon'ble Vice Chancellor distributing certificates to the participants of training programme at JAU, Talaja

The Seventh Scientific Advisory Committee (SAC) Meeting held at Krishi Vigyan Kendra, JAU, Amreli on March 17, 2012.



Shri Dileep Sanghani, Hon'ble Minister, Govt. of Gujarat addressing the Scientific Advisory Meeting at KVK, Amreli

The Meeting was chaired by Shri Dileep Sanghani, Hon'ble Minister of Agriculture & Cooperation, Govt. of Gujarat. He appreciated the activities of KVK and highlighted the importance of planning for over all development of the district.

He also made valuable suggestions on organizing more training for women and making a good quality FYM from cotton stalk. Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU gave valuable suggestions for training on women empowerment and micro irrigation system. Dr. A. M. Parakhia, DEE, JAU gave the introductory address and highlighted the objectives of the SAC meeting.

Seed Village Programme

On the occasion of Bhumi Pujan for the advance training center for farmers at Amreli, Hon'ble Agriculture Minister distributed storage bins to the beneficiaries farmers belonging to SC under the seed village programme of KVK, JAU, Amreli. Total 30 bins were handed over to the farmers for the safe storage of seeds to enhance agricultural production.



Shri Dileep Sanghani Hon'ble Minister and Shri Naranbhai Kachhadiya, M. P. distributing storage bins to SC farmers



Shri Kanubhai Bhalala, Hon'ble Agri. Minister (State) distributing storage bin to farmers under Seed Village Programme at Dhari Gundali on March 18, 2012

One day training programme on "Optimal use of water through Micro Irrigation systems"



Dr.K.N. Akbari (Res. Sci.) and Dr.G.R. Sharma (Asso. Res.Sci., Ag.Engg.) delivering lecture in one day program on "Optimal use of water through Micro Irrigation System" at DFRS, JAU, Targhadia

One day programme on optimal use of water through Micro Irrigation Systems organized by Center of Excellence on Soil and Water Management at Main Dry Farming Research Station, JAU, Targhadia (Rajkot) on March 9, 2012 wherein 28 farmers participated. Six lectures were delivered by different resource person in this training programme.

The Farmers awareness programme on Effect of Climate Change on crop production organized at JAU, Targhadia on March 20, 2012 wherein 107 farmers, 45 officers from various line department and NGOs participated.

Students' Activities



Mr. Mohanbhai L. Patel Ex. Minister and Ex. MP addressing the students at Inter Collegiate 20-20 Cricket Competition

Inter collegiate 20-20 Cricket competition (January 25-26, 2012) inaugurated by Mr. Mohanbhai L. Patel, Ex. Minister of Irrigation, Govt. of Gujarat and Ex. MP of Junagadh, under the chairmanship of Dr. N. C. Patel, Hon'ble Vice Chancellor, JAU. The team of College of Agriculture, JAU, Junagadh won the tournament.



Smt. Bhavnaben Chikhaliya inaugurating 8th Inter College/ Polytechnic Athletics Sports Meet 2012

Eighth Inter College/ Polytechnic Athletics Sports Meet-2012 (February 2-3, 2012) inaugurated by Dr. N.C. Patel, Hon'ble Vice Chancellor and Smt. Bhavnaben Chikhaliya, Ex. M.P. of Junagadh. College of Agriculture, Junagadh and the Polytechnic in Horticulture, JAU, Junagadh were the champions in respective sports. The trophy and certificates were awarded to winners by Padmashri Dr. M. H. Mehta, Ex. Vice Chancellor, GAU.

Gujarat State Inter Agricultural University Chess & Table Tennis Tournament (February 9-10, 2012) was organized at AAU, Anand. Table Tennis (Man) team of JAU won the tournament and the Women Table Tennis team was runners-up.

13th All India Agricultural University Sports and Games Meet 2011-12 (February 16-19, 2012) organized by Dr. Punjabrao Deshmukh Krishi Vidhyapith, Akola. Forty students of JAU participated and Mr. Paresh Chavada, a student of College of Agriculture secured the second place in the Disc Throw.

Gujarat State Inter Agricultural University Cricket and Badminton Tournament (March 2-3, 2012) organized at NAU, Navsari participated by the Cricket and Badminton teams of JAU. Badminton team of Man & Women of JAU secured the Second position



Dr. P. V. Patel, Director, Student Welfare JAU highlighting sports achievements of students at the 7th Gujarat State Inter Agricultural University Volleyball & Basketball Tournament (Match 9-10, 2012)

The Seventh Gujarat State Inter Agricultural University Volleyball & Basketball Tournaments (March 9-10, 2012) organized by JAU, Junagadh was inaugurated by Dr. N. C. Patel, Hon'ble Vice Chancellor. The JAU team secured First place in Volleyball and Second in Basketball.

Inter Collegiate Cultural Competition (January 12, 2012) was inaugurated by Mr. Ratibhai Sureja, Hon'ble Ex. Minister for Irrigation. Ninety five students from different colleges participated in various cultural events. College of Agriculture in Folk Dance, Drama and Mono Acting, College of Veterinary in Group Song and College of Fisheries, JAU, Veraval in Fancy Dress Secured First position in competitions.

YES!+ workshop

400 students of Junagadh Agricultural University participated in Youth Empowerment & Skills (YES!+) workshop of "Art of living Mission" (January 27–February 1, 2012) organized by the inspiration of Dr. N. C. Patel, Hon'ble Vice Chancellor

with the aim of cultivation of moral & human values, sense of nationalism and social responsibility in students. Discourses and practicals on life skills education, personality development, meditation and Sudarshan kriya arranged under leadership of Ms. Gauri Parashare, a teacher of Art of Living. Participants and Dr. N. C. Patel, Hon'ble Vice Chancellor interacted with Mr. Dinesh Godke, Director, WAYE on Live Video Conference during the workshop.



Dr. N. C. Patel, Hon'ble Vice Chancellor addressing the YES!+ workshop at Sports Complex, JAU, Junagadh



Students engaged in YES!+ workshop of Art of Living

A workshop on "NSIC (National Small Industries Corporation) activities" was jointly organized by the NSS Unit of College of Veterinary Science, Junagadh and NSIC Technical Service Centre, Rajkot at Junagadh on March 29, 2012. During this workshop information about the various self entrepreneurship skills, finance and making of project proposal was given to volunteers. The aim of the workshop was to create awareness about different self entrepreneurship ideas to rural unemployed youths through NSS volunteers. Total 85 volunteers participated in this programme.

Participation in National Level Camp:

Five NSS volunteer (2 boy and 3 girl) of College of Fisheries, JAU, Veraval accompanied by Prof. V. C. Bajaniya, team Manager, College of Fisheries participated in NSS Winter Adventure Camp, organized by National Adventure Foundation (NAF), Coimbatore, at Ooty, Tamilnadu (January 15-24, 2012). These volunteers carried out the activities like Physical training, Tracking, Rope pulling, Commando net climbing, Tunnel passing etc. during the course.

HIV awareness programme for Youth was jointly organized by the NSS Unit of Veterinary College, Junagadh and the Jeevan-deep Project of Gujarat AIDS control Society, Junagadh on March 20, 2012. During this programme, HIV positive person interacted with the NSS volunteers about the possible consequences in the social life due to prevailing misconception about the AIDS. It appealed youths to give equal rights to HIV positive people. Total 95 volunteers participated in this programme.

Students counseling and Placement: During this quarter, 5 campus interviews were arranged by various organization/ company viz; Sonalika Tractor, ICICI Bank, Bank of Baroda, GSFC & Netafim. Through these interviews 5 students of College of Agril. Engg. & Tech., Junagadh, selected by sonalika tractor, 8 students of College of Agriculture by Bank of Baroda, 16 students of College of Agril. Engg. & Tech. were absorbed in Netafim.

The NSS Special Camps

Every year special camps for Volunteers of National Service Scheme (NSS) is being organized by all colleges and polytechnics. The principal and NSS coordinators select the place and period of the camp. The director of Student Welfare keenly takes part in planning and functioning of the camp. Inauguration and valedictory ceremony are being shared by officers of JAU and local dignitaries. Students undertake varieties of activities and modes to serve the rural people through participatory social and educational activities. The NSS camp is a learning course for students to learn team spirit, discipline, social amicability, environmental awareness and social service to rural people.

Students participation in curriculum activities

Institute	Period	Place	No. of students	Special remarks
College of Agriculture, Junagadh	5-11, February, 2012	Village Chorvadi (Ta. & Dist. Junagadh)	75	- Interaction with Dr. H. N. Singh, Chief Conservator of forest regarding importance of wild life and its conservation, cleaning of forest nursery, net house, green house, culturing methods and battery unit etc. - Special lecture on "Art of living" and "Motivation" - Interaction with 425 village people on various issues of social awareness, environmental protection superstitions
College of Veterinary, JAU, Junagadh			25	
College of Agril. Engg. & Technology	19-25 January, 2012	Forest camp site, Village Khadiya, (Ta. & Dist. Junagadh)	109	- A lecture was delivered on personality development and carrier by Dr. Ashish Mankad, Charter Accountant - Interaction with 395 people on social evils like narcotic rugs, dowry system superstition, illiteracy, gender bias, sexual harassment etc. along with street plays.
Polytechnic in Agro Processing, Junagadh				
College of Fisheries, JAU, Veraval	27 February-4 March, 2012	Talala (Gir) Dist. Junagadh	50	- Nature education, environment awareness, wild life conservation etc. were carried out at Sasan for three days - 275 people were benefited by this camp
Polytechnic in Horticulture, Junagadh	23-29 February, 2012	Village Luvasar (Ta. Vanthali Dist. Junagadh)	25	- 285 rural people were benefited by this camp
Polytechnic in Home Science, Amreli	10-16 February, 2012	Village Khadsali (Ta. Savarkundla Dist. Amreli)	25	- The camp was inaugurated by Mr. Manubhai Mehta, Director, Lokshala - 336 rural people were benefited by this camp
Polytechnic in Agriculture, Dhari	5-11 February, 2012	Kotha Pipaliya, Ta. Dhari, Dist. Amreli	25	- Survey among the rural people for agricultural problems, package of practices, health education and social economic status - 95 cattle were examined in the health camp in collaboration with the team of Cattle Breeding Farm, JAU, Junagadh - 428 rural people were benefited by this camp

Book Post

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