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Vice Chancellor's Desk

Poverty eradication and food security have moved to the centre stage of the global agenda. These are the greatest global challenges and their redress is an indispensable requirement for sustainable development in developing countries. India is one of the key communities in the world among developing countries have an experience of continuous population increases and strong economic growth. Though similarly challenged by the effects of climate change, had to develop effective infrastructure and expertise in technologies. It is predicted on the basis of General Circulation Models that the global mean air temperature is likely to increase by 1.4 – 5.8°C by the end of this century depending on changes in green house gas concentration. The expected increase of human population to 7.5 billions by 2020 and 9.2 billions by 2050 AD and the changing climatic patterns become a major constrain to feed the human population in the forthcoming years in India.

Conventional methods of crop improvement in the national research and developmental system had served the purpose of increasing the productivity in the past. The “Green Revolution” launched in India in the 1960s and 1970s is the classical example, used advances in science and technology to double the yields of cereals in the country. Recent advances in biological science and agricultural research have injected new energy in the efforts to improve crops and thus offer better solutions to many agricultural problems faced by the farmers. Biotechnology has the potential to provide new opportunities for achieving enhanced productivity in a way that it will alleviate poverty, improve food security and nutrition, and promote sustainable use of natural resources. Many developing countries across the world developed the scientific and technological capacity to ensure that innovative technologies, particularly biotechnology, become a key tool that can reverse the poor economic situation and contribute to sustainable development and improved the welfare of the farmers. Indeed, biotechnology is not a panacea to solve all the problems of food security and poverty, but it could provide a critical component to the solution if it is guided by appropriate policies.

Department of Biotechnology was established in 2008 at Junagadh Agricultural University, Junagadh, with the mission of defining and establishing a new discipline; fusing life sciences with agriculture. The aim of this discipline is to advance fundamental understanding of how biological systems operate and to develop effective biology-based technologies for applications across a wide spectrum of agricultural needs through research and education. To offer innovative educational programmes with emphasis on integrating life sciences with a quantitative, systems-oriented engineering analysis and multidisciplinary approach. Department is having all the basic infrastructural research facilities of national level for carrying out research on various aspects of productivity enhancement, management of biotic and abiotic stress, molecular plant breeding, genomics and bioinformatics, transgenic development, linkage maps, gene pyramiding etc., Now it's a time need to identify lessons and best practices relevant to agriculture and its allied field in the state and to suggest strategies for promoting biotechnology for the benefits of the farmers of the nation so that India poised to become one of the global leaders in biotech field.

(N.C. Patel)



Inauguration of "CHANAKYA HOSTEL" of PG Students

The new hostel building of PG Institute of Agri-Business Management named "CHANAKYA HOSTEL" was formally inaugurated by Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, Govt. of Gujarat, Gandhinagar on December 1, 2013 at



*Shri Babubhai Bokhiria,
Hon'ble Minister for Agriculture,
Govt. of Gujarat,
addressing the PG students*

JAU, Junagadh. Hon'ble Vice Chancellor, Dr NC Patel presided over the function. Shri Kanubhai Bhalala, Former State Agriculture Minister and Shri Jethabhai Solanki, Member of Legislative Assembly – Kodinar were remain present and graced the occasion. Dr CJ Dangaria, DR; Dr AM Parakhia, DEE; Dr KB Jadeja Registrar; Dr PV Patel, DSW; Principal & Dean of various colleges, professors and students also remained present. This hostel was constructed worth cost of Rs. 213.94 lakh, having intake capacity of 78 post graduate students in 39 rooms along with facilities of Indore Gym, Mess, Visitor's room and Recreation room.

JAU Witnesses

"National Conference of Plant Physiology – 2013 on Current Trends in Plant Biology Research"

"National Conference of Plant Physiology - 2013 (NCPP-2013) on "Current Trends in Plant Biology Research" was organised jointly by the Directorate of Groundnut Research, Junagadh and JAU, Junagadh during December 13-16, 2013 in association with Indian Society for Plant Physiology (ISPP), New Delhi at Junagadh. Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh chaired the inaugural session. Prof. SK Dutta, DDG (CS), ICAR, New Delhi as the chief guest and Dr KC Bansal, Director,



*National Conference of Plant Physiology – 2013 on Current Trends in Plant Biology Research" Inaugurated by
Dr NC Patel, Hon'ble VC, JAU, Junagadh*

NBPGR, New Delhi was the Guest of Honour at this occasion. While welcoming the participants and guests, Dr JB Misra, Director, DGR, Junagadh appraised them of important personalities and historical importance of Junagadh. Dr Madan Pal Singh, Honorary Secretary, ISPP presented an overview of the conference and society.

In his inaugural address, Prof SK Dutta, mentioned about the importance and role of plant physiology in the present scenario of agricultural and plant biology research and emphasized the importance of modern biotechnological research approaches to tackle the issues concerning agricultural research in the country. Dr KC Bansal stressed on the importance of research in the areas of plant physiology, biochemistry, molecular biology and biotechnology. The Chairman, Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh in his address highlighted significant achievements made by JAU.

About 450 delegates participated in the conference. The souvenir of NCPP-2013, a 978 pages proceeding book (in electronic form), Research accomplishment of Basic Sciences unit of DGR, Junagadh and a book on Recent Advances in Crop Physiology were released. During these four days event, 3 Memorial Award lectures and 25 invited lead lectures were delivered and 62 oral and 300 posters presentations were made by the eminent scientists on six thematic areas during the technical sessions.

Review Meeting of ICAR Network Project

A review meeting of ICAR Network Project on "National Initiative on Climate Resilient Agriculture" was organized on November 22-23, 2013 by Initiative on Climate Resilient Agriculture, AICRP on Ground Water Utilization, Junagadh Centre; Department of SWE, CAET, JAU, Junagadh & Directorate of Water Management, ICAR, Bhubaneswar. The meet was inaugurated by Dr Ashwani Kumar, Director, Water Management, ICAR, Bhubaneswar. Dr NC Patel, Hon'ble Vice-Chancellor, JAU presided over the function. Dr CJ Dangaria, DR; Dr AM Parakhia, DEE, and Dr NK Gontia, Principal & Dean, CEAT, JAU were present on the dais. The concerned scientists from various centres presented their status report of project in review meeting followed by scientific discussions.



Dr Aswani Kumar, Director, Water Management, ICAR, Bhubneswar inaugurating the review meeting in presence of Dr NC Patel, Hon'ble VC, JAU

Interface Meeting to Strengthen the Convergence

Interface meeting was organised by Directorate of Extension Education, JAU, Junagadh at Junagadh campus to strengthen the convergence of agricultural research and extension on November



Dr NC Patel, Hon'ble VC chaired the Interface Meeting

18, 2013, in which Programme Coordinator of KVKs, District Agricultural Officers, Project Directors of ATMA and scientists of JAU participated. Dr NC Patel, Hon'ble Vice Chancellor, JAU stated that the integration of agricultural research and extension is not a simple task. The strategies and mix of mechanisms employed depend on the policy of the institution and resources of particular region. Dr AM Parakhia, DEE gave the emphasis to broaden dialogues among all stakeholders and strengthening crucial linkages under a pluralistic approach. He also stressed on empowering farmers' groups for more demand and farmer driven research and extension services.

Sea Food Event - 2013

"Sea Food Event – 2013" was organized by final year Students of Department of Harvest & Post Harvest Technology, College of Fisheries, JAU, Veraval on December 9, 2013 under Experiential Learning Programme (ELP). Dr AY Desai, Principal & Dean and Dr SM Zofair, Head; DH&PHT inaugurated the event. On this occasion, an exhibition of fish products covering wide range of dried and cured products with different types of packaging like vacuum packaging, tray pack and traditional packaging were displayed. All the students & staff members of the college and technologists and entrepreneurs from different fish industries attended the event. At the end of the event, stalls were opened for selling of different products at different locations of Veraval and Prabhash-Patan to sell different fishery products.



Inauguration of Sea Food Event - 2013 and Stalls of Products of Fisheries at College of Fisheries, JAU, Veraval

19th ZREAC (Rabi-Summer - 2013-14) Meet of South Saurashtra Agro-Climatic Zone

The 19th ZREAC (Rabi-Summer - 2013-14) Meet of South Saurashtra Agro-Climatic Zone was held at CAET, JAU, Junagadh on October 10, 2013. The meet was inaugurated & chaired



Dr CJ Dangaria, DR, JAU addressing the ZREAC Meet

by Dr JB Misra, Director, DGR, Junagadh. The University officers, Deans of various faculties, Research Scientists, Professor and Heads and Scientists of JAU have actively participated for finalizing recommendations and new technical programmes to be implemented in ensuing rabi/summer season. At the outset, Dr CJ Dangaria, DR, JAU appreciated the efforts made by scientists of all faculties for preparing new research programmes, carrying its activities and creating technological output. Dr JB Misra, Director, DGR, Junagadh addressed the gathering and encouraged the scientists for strengthening the research and development activities of the university. In this meeting, two varieties, eight recommendations for farmers including one for fish farmer, five for scientific community and 26 new technical programmes were approved.

SEMINAR/WORKSHOP

10th Annual Workshop of AICRP on 'Applications of Plastic in Agriculture'

10th Annual Workshop of AICRP on 'Applications of Plastic in Agriculture' was jointly organized by JAU, Junagadh; APA Co-ordinating Cell, CIPHET, Ludhiana and CAET, JAU on October 7-9, 2013 at



Inauguration of Annual Workshop by Dr NC Patel, VC

CAET, JAU, Junagadh. Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh presided over the meeting, Dr Brahma Singh, President, ISPC, New Delhi was the chief guest of this workshop and Dr SN Jha, Director (Acting),

CIPHET, Ludhiana was the guest of honour. Dr PR Bhatnagar, PC (APA) presented the Coordinator's Report based on the research accomplished in the last two years. VPKAS, Almora Centre was recognized as best centre in ICAR and was awarded "Ch Devi Lal Outstanding AICRP Award 2012" along with a cash award of Rs 1.0 lakh. Dr Brahma Singh expressed that plastic is contributing enormously in agriculture through irrigation systems, mulching, soil solarisation, and greenhouses. He advised that the success stories from the project and from elsewhere should be loaded on the ISPC website for larger benefits. Dr NC Patel Hon'ble VC emphasized several other uses of plastics including rest houses for animals, bee-trays, mechanization of pond lining, etc.

Seminar on "Bio-safety and the Era of Changing Needs of the Nation"

A Seminar on "Bio-safety and the Era of Changing Needs of the Nation" was jointly organized by GSBTM, DST, Govt. of Gujarat and JAU, Junagadh and hosted by Department of Biotechnology, JAU, Junagadh on October 1, 2013. In his



Dr NC Patel, Hon'ble Vice Chancellor chaired the inaugural session of the seminar

inaugural address, Dr NC Patel, Hon'ble Vice Chancellor, JAU put emphasis on the role of plant biotechnology to develop genetic combinations by creating solution on biotic and abiotic stresses to increase crop production, nutritional value, food processing etc., for overcoming national food security problems. Mrs Ansuya Lahiry, Sector Specialist, GSBTM, Gandhinagar and Dr CJ Dangaria, DR, JAU, Junagadh graced the occasion. The invited renowned speakers, Dr OP Govila (Ex Professor of Plant Genetics, IARI, New Delhi), Dr N Seetharam (Executive Director, ABLE-AG), Dr SJ Rehman (Principal Scientist & Head, ANGRAU, Hyderabad), Dr Ajay Panch Bhai (Biotech Affairs Manager- India) and Dr Vijay Kumar (Research Scientist, NAU, Navasari), expressed their brilliant views on the role of biotechnology in crop production. A total of 100 delegates including 60 faculty members and 40 Ph.D. students and Research Fellows participated in seminar. The major recommendations of seminar were adaptation of new technology with bio-safety measures to detect transgenic microbes and documentation of bad effects of GM crops.

TRAINING

Training Programme on the Scheme for Recognition of Horticulture Nurseries

A state level awareness cum training programme on the scheme for recognition of horticulture nurseries was organized by the Department of Horticulture, JAU, Junagadh in collaboration with



Dr NC Patel, Hon'ble Vice Chancellor inaugurating the training

NHB, Ministry of Agriculture, Govt. of India on October 26, 2013. In his inaugural speech, Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh appealed to the farmers to understand the importance of quality planting materials. He congratulated Model nursery of Department of Horticulture, JAU, Junagadh to secure three star ranking through NHB. Shri PK Singh, Joint Director, NHB, Gurgaon addressed the farmers about different beneficial schemes for them. Dr CJ Dangaria, DR, JAU, Junagadh appealed the farmers to use and sale only certified propagation materials for the benefit to the coming generations and for the honest use of the natural resources. Total 50 farmers from different districts of state participated in the seminar and interacted with experts.

Training on "Communication Skills and Personality Development"

A training programme on "Communication Skills and Personality Development" was held for students of Veterinary College, JAU, Junagadh during October 4-5, 2013 by JAU, Junagadh in collaboration with



Dr NC Patel, Hon'ble VC awarding prizes to the students in valedictory function

National Skills Foundation of India, Gurgaon. The training was inaugurated by Dr CJ Dangaria, DR, JAU, Junagadh. The theme of this programme was "College to Carrier"(CTC) with skill development activities viz;

listening skills, business writing, self-awareness and confidence building, personal grooming, leadership quality and communication skill. Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh appreciated the activities of NSFI organization which is beneficial for overall development of students. Dr PV Patel, DSW and Dr PH Vataliya, Principal, Veterinary College, JAU, Junagadh monitored the entire programme.

Training Programme on “Traditional and Scientific Method for Monsoon Forecasting”

A training programme on 'Traditional and Scientific Method for Monsoon Forecasting' was organized by SSK, JAU, Junagadh on November 26, 2013. Fifty members of VarshaVigyan Mandal participated in training.



Training Programme on “Traditional and Scientific Method for Monsoon Forecasting”

The training programme was inaugurated by Dr AM Parakhia, DEE, JAU, Junagadh. Training aims for building bridges between traditional and scientific knowledge, which can provide valuable impacts when it comes to climate adaptation.

Training Programmes for Progressive Farm Women of Baroda, Amreli & Kheda Districts

Training Programmes on 'Agriculture, Animal Husbandry & Home Science' for progressive farm women of Baroda (October 9-11), Amreli (October 17-19) & Kheda (October 29, 2013) districts were organized at SSK, JAU, Junagadh in collaboration with ATMA Project. Fifty six progressive farm women from Baroda, 35 from Amreli & 50 from Kheda district were participated in training. All training programmes were inaugurated by Dr AM Parakhia, DEE. The participants expressed their views during the trainings and interacted with scientists of the university for better outcome from the field of agriculture and allied fields.

Pre-Seasonal Training of Rabi Crops for Extension Functionaries

Pre-seasonal training of rabi crops for extension functionaries was organized on October 18, 2013 at KVK,

NanaKandhasar. The aim of the training programme was to get technical knowledge about management of rabi crops like cumin, wheat, etc. Dr Gajera, Deputy Director of Agriculture, Surendranagar, Dr KN Akbari, Head & Research Scientist, DFRS, Targhadia and Dr VN Patel, Research Scientist (Agril Entomology), DFRS, Targhadia were present on dais to discuss technical knowledge with participants. Total 98 Gramsevaks and Agricultural Extension Officers were participated in training.



Pre-Seasonal Training of Rabi Crops for Extension Functionaries

Collaborative Training Organized with Centre Ware House Corporation

A training programme was organized by KVK, Nana Kandhasar in collaboration with Centre Ware House Corporation during November 20-21, 2013 at KVK, Nana Kandhasar to educate the farmers on scientific preservation



Training in Collaboration with Centre Ware House Corporation at KVK, Nana Kandhasar

at farm level to reduce post-harvest losses, to help depositors, to keep his good indemnified against loss of damage due to fire, floods and burglary and to take up construction programme of ware house for storage. Dr Sinha, Programme Executive of CRWC was present as a key resource person at this event. Total 45 progressive farmers participated in the training.

Agricultural Skill Development Training Programme

An Agricultural Skill Development Training Programme for Men and Women farmers organized jointly by KVK, Khapat (Porbandar) and ATMA Project Porbandar at KVK on December 26 & 27, 2013, respectively. The training was inaugurated by Shri Babubhai Bokhriya, Hon'ble Minister of Agriculture,

Govt. of Gujarat. He advised the farmers to adopt cattle farming alongwith agriculture as a secondary source of income and in turn to uplift their standard of living. Dr NC Patel, Hon'ble Vice Chancellor, JAU, Junagadh; Shri Bhojabhai Parmar, President, District Panchayat, Porbandar; Shri BC Pattani, DDO, Shri Virambhai Karavadara, President, Taluka Panchayat, Dr AM Parakhia, DEE, JAU and other dignitaries graced the occasion.



Shri Babubhai Bokhiriya, Hon'ble Minister of Agriculture, inaugurating the training programme at KVK Khapat

ASCAD Training Programmes organized by College of Veterinary Science and Animal Husbandry

Sr. No.	Training Programme Details	Organizing Department	Date of Training Programme	Trainees from Department of Animal Husbandry, Government of Gujarat
1.	Recent trends in diagnosis and control of emerging diseases of livestock	Veterinary Medicine	September 30 to October 5, 2013	13- Veterinary Officers
2.	Advances in Surgical and Imaging Techniques for Animals	Veterinary Surgery & Radiology	October 14 - 19, 2013	10- Veterinary Surgeons
3.	Transformation of conventional to organized livestock farming for improved productivity	Livestock Production Management	November 18-23, 2013	12- Veterinary Officers
4.	Advanced approaches for diagnosis of livestock diseases	Veterinary Microbiology	November 25-30, 2013	8- Veterinary Officers
5.	Livestock management for profitable production	Livestock Production Management	December 2-7, 2013	13- Livestock Inspectors
6.	Role of Veterinarians in disaster management, food safety & control of zoonotic diseases,	Veterinary Public Health	December 9-14, 2013.	9-Veterinary Officers
7.	Reproductive problems of cattle and buffalo and its advanced solution	Veterinary Gynaecology	December 16-21, 2013	14- Livestock Inspectors

Snapshots of ASCAD Training Programmes Organized by various departments of College of Veterinary Science and Animal Husbandry



Dr PH Tank, Principal & Dean, inaugurating Training Programme organized



Dr NC Patel, Hon'ble VC, JAU releasing Training Manual



Dr NC Patel, Hon'ble VC, JAU addressing trainees of ASCAD



Dr NC Patel, Hon'ble VC, distributing certificate to trainee



Dr NC Patel, Hon'ble VC, JAU releasing training CDs



Dr AM Parakhia, DEE, JAU releasing Training CDs

LECTURES

Awareness of Students on "Anti-raging and Prevention of Sexual Harassment"

The awareness programme on "Anti-raging and Prevention of Sexual Harassment" was organized on November 20, 2013 for girl students of College of Agriculture, JAU, Junagadh. Ms Tejal Chandravadia, VII semester student of College of Agriculture, Junagadh presented the valuable information on the topic through PPT. Dr PV Patel, DSW and Dr AV Barad, Principal and Dean, College of Agriculture, JAU, Junagadh addressed the students on this occasion. They informed the students about different committees which are working to prevent such matters and also advised the girl students to contact the authority or committee members for seeking help at any time. About 150 girl students were actively participated in this event.



Dr AV Barad, Principal and Dean Addressing the girl students

Special Lecture on "UNIVERSE"

Dr JJ Raval, Founder President of The Indian Planetary Society and Ex. Director, Astronomical Research, Nehru Planetarium, Mumbai, delivered special lecture on "UNIVERSE" on December 26, 2013 at Department of Biotechnology, JAU, Junagadh. Total of 35 scientists attended the lecture and interacted with him. He also visited the College of Agricultural Engineering and Technology, Department of Seed Science and Technology, Department of Biotechnology, Agris-net studio, etc. and appreciated the work of university.



Dr JJ Raval delivering lecture on 'UNIVERSE'

Special Lecture on "Agrinnovate India Limited"

Dr MM Pandey, former DDG (AgrilEngg.), ICAR, New Delhi and CEO, Agrinnovate India Limited (AgIn), Department of Agricultural Research and Education, New Delhi visited the JAU on December 17, 2013. Dr Pandey delivered a lecture at CAET, Junagadh on "Agrinnovate India Limited (AgIn)" for faculty of JAU. Dr NK Gontia, Principal and Dean welcomed the guests and presented the brief Biosketch of Dr Pandey. Dr CJ Dangaria, DR, JAU presided over the function. Dr AM Parakhia, DEE, Principals of all colleges and faculty members and staff of the university remained present in the lecture. As a part of students' counselling in afternoon session, Dr Pandey delivered a lecture on "Farm Mechanization for Enhanced Productivity and Profitability". UG/PG students of CAET enthusiastically interacted with Dr Pandey and got benefit of his wide experience.



Dr MM Pandey addressing the faculty

Lecture by Dr SK Das as a Part of Student Counselling

As a part of student counselling, a lecture on "Status and Scope of Agricultural Processing in India" was delivered by Dr SK Das, Professor, Department of Agricultural and Food Engineering, IIT, Kharagpur on December 26, 2013 in the seminar hall of CAET, JAU, Junagadh. All the UG and PG students of CAET attended the lecture and interacted with Dr Das on various facets of food processing.

Lecture on Training Need Assessment

Dr AM Parakhia, DEE, JAU delivered a lecture on "Recent Trends in Research" during Regional Workshop for Western Zone States on Training Need Assessment held at Extension Education Institute, AAU, Anand on December 21, 2013. The aim of the workshop was to finalize the training calendar for 2014-15.



Dr AM Parakhia, DEE delivered lecture at EEI, Anand

AWARDS/DONATION

Shri Kantilal Thakar Smrutinidhi, Junagadh Donated Fund to JAU

Shri Kantilal Thakar Smrutinidhi, Junagadh donated Rs. 5,00,000/- to JAU for Institution of Two Gold Medals, establishment of Book Bank for the College of Agriculture and for the remuneration of special lectures of experts. These activities will be carried out from the interest earned from the fund kept in fixed deposit.

Dr HD Rank Felicited by "Dr D Nagesh Kumar Award" for Outstanding Research

Dr HD Rank, Research Engineer, AICRP on GWU has been felicitated by "Dr D Nagesh Kumar Award" for his outstanding research work through presentation of paper on "Climate Change Impact on Crop Water Requirement in South Saurashtra Region of Gujarat State" in the National Seminar on "Climate Change



Dr HD Rank, receiving the Certificate of Dr D Nagesh Kumar Award" from Dr BS Arya, Professor, IIT, Roorkee

Impacts on Water Resources System” held at Parul Institute of Engineering & Technology, Limda, Dist. Vadodara during November 27-29, 2013. University officers and his colleagues admired him for his research achievement.

Honoured to Scientists during GAAS seminar

Dr ND Bharad, Training Associate, JAU was awarded by Gujarat Association of Agricultural Scientists for meritorious agricultural extension and development work for the year 2013-14. Dr DK Varu, Associate Professor, honoured by Hari Om Ashram sponsored Prof JP Trivedi award for Research and Development in Agriculture and Animal Science during year 2011-12 at GAAS seminar held at Gujarat Vidhyapeeth on December 23, 2013.



Honoured to Dr DK Varu and Dr ND Bharad

STUDENTS' ACTIVITIES

Blood Donation Camp at Vijay Hostel

Blood donation camp was jointly organized by HDFC Bank, Civil Hospital, Junagadh and JAU, Junagadh on December 3, 2013 at Vijay Hostel, College of Agriculture, JAU, Junagadh. A total of 50 students of JAU, Junagadh had participated enthusiastically and donated the blood for a noble cause.



Student donating the blood at Blood Donation Camp

Veterinary Students Ranked Third in West-Zone Quiz Competition

Ramesh Galchar, 4th year and Piyush Chikhaliya 3rd year, students of Veterinary College, JAU, Junagadh had participated in West-Zone Animal Physiology Quiz Competition-2013 and won the third prize. The event was hosted by Veterinary College, Shirwal, MAFSU, Maharashtra on October 5, 2013. Principal, staff, students of college greeted Ramesh and Piyush for exhibiting the best talent.

Plantation of Saplings for Herbal Gardening

To disseminate knowledge of various herbal plants used in animal ailments, Department of Pharmacology and Toxicology, Veterinary College, JAU, Junagadh planted different kinds of herbal saplings on November 25, 2013. Dr PH Vataliya, Professor, Veterinary College, JAU, Junagadh, staff members and students participated with zeal and enthusiasm in the event.



Plantation of Saplings of Herbal Medicine

Inter Collegiate Cultural and Literary Competition

Inter College Cultural and Literary competitions organized by the College of Agriculture, JAU, Junagadh on the October 11, 2013 and it was inaugurated by Dr PR Godhani, Hon'ble Member, Board of Management and former DSW, GAU, under the chairmanship of Dr NC Patel, Hon'ble Vice Chancellor of this university. Both these dignitaries humbly advised participants for raising their hidden potential with sincere efforts and full dedication for better performance. Dr PV Patel, DSW JAU, Junagadh congratulated to the students for participation and encouraged by his blessings. Total 142 and 28 student participated in Cultural and Literary competitions, respectively. College of Agriculture in Drama, Folk Dance and Mono acting and CAET in solo song and College of Fisheries, Veraval in mime secured first prize. In Debate Sisodiya Jay secured first place in favour of topic and Bhagwansinh got championship in extempore as well as in against of the topic.



Inauguration Ceremony of Inter Collegiate Cultural Programme

Inter University Cultural and Literary Competition

JAU participated in the Gujarat State Inter State Agricultural University Cultural-Literary Competition organized on October 28, 2013 at SDAU, SK Nagar, in

which 35 and 6 students participated in Cultural and Literary items, respectively. JAU secured first place (Sisodiya Manoj) in debate (favour) and second in Mono Acting and Folk Dance. Dr NC Patel, Hon'ble Vice Chancellor and Dr PV Patel, DSW appreciated the success and congratulated to the winner students.

Run For Unity

Students and faculties of various colleges of JAU participated in this big event to express love and respect to the glory of great Indian leader Sardar Vallabhbhai Patel. The call for this mega event "Run for Unity" given by Shri Narendrabhai Modi, Hon'ble Chief Minister, Gujarat at National level. The event celebrated by all colleges and polytechnics of university at their respective towns/cities on October 15, 2013.

SPORTS

Inter Collegiate "Cricket and Chess Tournaments" organized at JAU, Junagadh

Inter Collegiate Cricket and Chess tournaments of JAU were organized by PGIABM during October 19-20, 2013 at University Sports Complex, JAU, Junagadh. The tournament was inaugurated by Chief Guest of the function, Shri RL Meena, IFS, Chief Conservator of Forest, Forest Animal Circle, Junagadh. The function was chaired by Dr CJ Dangaria, DR, JAU, Junagadh. Dr AM Parakhia, DEE; Dr PV Patel, DSW; and Principal & Deans of various colleges were remain present on this occasion. 110 students participated in tournaments and the College of Agriculture and CAET captured championship in Cricket and Chess, respectively.



Inauguration Ceremony of Inter Collegiate "Cricket and Chess Tournaments"

VISITS

Monitoring of High Biomass Pearl Millet Trials at Grassland Research Station, Dhari

Dr SK Gupta, Senior Scientist, Pearl Millet Breeding, ICRISAT, Hyderabad visited GRS, JAU, Dhari on October 3, 2013. He was very much pleased to see the systematic field research work and genetic variability

maintained in Pearl Millet and Sorghum. He monitored the high biomass pearl millet, sorghum and groundnut trials and impressed with the trial quality. He also admired the F₁ generation of crosses as well as screening of promising genotypes in Pearl Millet.



Monitoring of Pearl Millet Trials at GRS, Dhari by Dr SK Gupta, Senior Scientist, ICRISAT, Hyderabad

Visit of Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, to High Tech Museum on Seed Production Technology and College of Agriculture

Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, Government of Gujarat, Gandhinagar visited the High Tech Museum on Seed Production Technology on December 1, 2013. He appreciated the efforts made by the DSST, JAU, Junagadh for providing technology based training to the farmers. He also visited the other departments of College of Agriculture and appreciated the scientists.



Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, visited High Tech Museum on Seed Production Technology & College of Agriculture



Visit of Dr SK Dutta, DDG (CS), ICAR, New Delhi to High Tech Museum on Seed Production Technology

Dr SK Dutta, DDG (CS), ICAR, New Delhi visited High Tech Museum on Seed Production Technology on December 12, 2013. He appreciated the efforts made by the DSST, JAU, Junagadh for excellent exhibition from seed to seed with knowledge / understanding and technology application.



Dr SK Dutta, DDG (CS), ICAR, New Delhi visited High Tech Museum on Seed Production Technology

Monitoring Team Visit

Dr. Rakesh Seth, Principal Scientist, IARI, Karnal; Dr. S. Natarajan, Scientist, DSR, MAU; and Dr. Laxmi Kant, Scientist, VPKAS, Almora; visited JAU, Junagadh during October 4-7, 2013 to monitor the breeder and truthful seed production programme undertaken by the university during kharif-2013. They monitored the breeder and quality seed production programme undertaken by the various centres at JAU campus, Sugarcane Research Station, Kodinar and Pearl Millet Research Station, Jamnagar. They were satisfied with the seed production with high genetic purity. They also visited the Jambur village of Talala, for monitoring the TSP activities conducted by the DSST and congratulated the scientists for their excellent efforts.



Monitoring Team, ICAR at JAU

Visit of CACP team, Government of India

Dr Ashok Gulati, Chairman, Shri DS Raghu, Member (Non-official), Shri Shrikara Nayak, Adviser and Mrs Mamta, Deputy Director from Commission for Agricultural Cost and Prices (CACP), Govt. of India, visited JAU, Junagadh on November 11, 2013. During meeting with Dr NC Patel, Hon'ble Vice Chancellor and scientists of JAU emphasized on encouraging farmers to use of micro irrigation in cotton by providing incentives to the farmers.



Meeting of CACP Team with University Officials

Field Visit of American Industrialist

A delegation of American Industrialists headed by Victor Nwusu, plant science programme Manager, MARS Chocolate, North America and Shri Arun Shetty, Supply Quality Assurance Specialist, MARS, Gurgaon visited JAU, Junagadh on October 10, 2013. Dr AM Parakhia, DEE welcomed the delegation and



Delegation of American Industrialist visited Research Centres

accompanied the delegation during field visit at various research stations of JAU. The delegation had discussed various technologies generated by JAU and appreciated farm production management.

Visit of Delegation from Transpek Industry Limited, Vadodara

A delegation of officials headed by Shri Atul Shrof, Managing Director, Transpek Industry Limited, Vadodara (NGO) visited JAU on November 15, 2013. appreciated the research work being carried out in the university in the interest of upliftment of the farmers.

Study Tour of Central Government Officials

A group of 35 Central Government Officials visited JAU, Junagadh on December 21, 2013, during their study tour under the leadership of Ms Savita Sen, Assistant Director. *Visit of Central Government Officials* ISTM, Govt. of India, New Delhi. During visit to various places of JAU, visitors were provided information of university functioning by concerned scientists/officers of JAU of Agris-net Studio, Educational Museum, High Tech Museum on Seed Production Technology of DSST and Food Testing Laboratory, etc.



MEETINGS

Meeting of Shri Babubhai Bokharia, Hon'ble Minister for Agriculture, to University Officials

An interactive meet of Shri Babubhai Bokharia, Hon'ble Minister for Agriculture, Govt. of Gujarat, Gandhinagar with Dr NC Patel, Hon'ble Vice-Chancellor and university officials was held on December 1, 2013 at University Bhavan, JAU, Junagadh where various university related issues were discussed.



Shri Babubhai Bokharia, Hon'ble Minister for Agriculture, discussing the various issues with University Officials

APPOINTMENTS

Dr PH Tank Joined as Principal & Dean, College of Veterinary science and Animal Husbandry, JAU, Junagadh

Dr PH Tank, renowned Veterinary Surgeon of Gujarat state has recently joined as Principal & Dean, College of Veterinary Science & Animal Husbandry, JAU, Junagadh. He is having 27 years TRE and clinical experience in the field of veterinary sciences. University officials, staff and students congratulated him on his new appointment.



EXTENSION ACTIVITIES

Veterinary Clinical Camps at Badalpur and Bhanwad

College of Veterinary Science and Animal Husbandry, JAU, Junagadh organized two veterinary clinical camps in collaboration with the District Panchayat, Department of Animal Husbandry at Badalpur and Bhanwad on December 27 and 29, 2013, respectively. Animals from Badalpur and Bhanwad and surrounding villages were registered and provided expert diagnosis and treatment facilities. During the camps, 4233 animals were treated for different surgical, gynaecological and medical ailments. Dr AM Parakhia, DEE, JAU, Junagadh inaugurated and presided over the camp organized at Bhanwad on December 29, 2013. Dr PH Tank, Principal and Dean emphasized the importance of field clinical services by the experts for prospective development of education, research and extension activities of the veterinary college.

Eight staff members, Dr JS Patel, Dr PB Patel, Dr KB Vala, Dr SH Talekar, Dr JV Vadalia, Dr BR Patel, Dr KH Parmar and Dr DT Fefar took active participation in these clinical camps.



Dr AM Parakhia, DEE, Inaugurated
Clinical Camp at Bhanwad



Clinical Camp at Badalpur and Bhanwad



GLIMPSES OF EVENTS



Celebration of Sardar Patel Jayanti



Celebration of Gandhi Jayanti



New Year Celebration



Dr AM Parakhia, DEE Interacting
with Tamil Nadu Farmers



Dr AM Parakhia, DEE Distributing
Certificate to the Farmers



Dr AM Parakhia, DEE Interacting
with Farmers during Training



Dr AM Parakhia, DEE addressing
progressive farmers group of
Tamil Nadu



Dr Bharad narrating JAU
activities to Farmers from
Karnataka State at SSK



Cultural event at JAU



Dr PV Patel, DSW addressing
students during sports event

JAU represented in National Conference of KVK - 2013 held at UAS, Bangalore

On behalf of JAU, KVK, Amreli participated as an exhibitor in the 8th National Conference of KVK - 2013 on 'Sustainable Intensification of Smallholder Farms' held at UAS, Bangalore during October 23-25, 2013. Shri Sharad Pawar, Minister of Agriculture, Govt. of India, Dr Kiran Kokate, DDG (Agri. Extension Education) and other dignitaries had visited the stall of the university and interacted with scientists of KVK, Amreli.



Shri Sharad Pawar, Minister of Agriculture, Government of India & Dr Kiran Kokate, DDG (Agri. Extension Education) visited Stall of University at Bangalore

SSK Activities

Total of 9 trainings were conducted at SSK, Junagadh during October-December, 2013. Total of 331 progressive farmers, farm women and rural youth were attended the trainings.



Farm women trainings at SSK

SAC Meetings of KVKs

Scientific Advisory Committee meetings of all KVKs prepare the sketch of various activities to be organized during whole year. The committee met under chairmanship of Dr NC Patel, Hon'ble Vice Chancellor, JAU and Dr AM Parakhia as Co-Chairman of the meet. University Officers, Scientists, Government Officers and Progressive Farmers churns the ideas pertaining to planning and effective implementation of various activities of KVKs. Shri Babubhai Bokhiria attended the meet at KVK, Khapat on December 27, 2013. The meet was organized at KVK, Khapat (December 26), Jamnagar (December 27), Amreli (December 30), Targhadia, Pipalia & Nana Kandhasar (December 31).



Shri Babubhai Bokhiria, Hon'ble Minister of Agriculture, Govt. of Gujarat Inaugurated and addressed the SAC Meeting at KVK, Khapat

Some Activities of KrushiVigyanKendras of JAU (Oct-Dec, 2013)

[Amreli, Jamnagar, Khapat, Nana Kandhasar, Pipalia, Targhadia]

Activity	No.	Participants
Frontline Demonstrations	314	-
Field day	18	444
Agril. Exhibition	3	1780
TV / Radio Programmes	6	-
Publications	11	-
Diagnostic visits	81	418
Field Visits	102	308
KisanGosthi	12	329
Farmers visit to KVKs	4183	9285
Advisory/Enquiry/Help Line service	5670	4580
Extn. Literature distributed	1770	-
Popular Articles	11	-
Scientists visits to farmers fields	118	435
Film Show	25	592
Lectures delivered	76	-
Training of Farmers	126	3906
Training of Extension Personnel	4	257
Trainings for Women	9	234

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BOOK POST

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