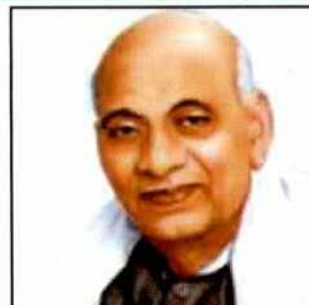




# JAU

## Newsletter

Number : 37 (Quarterly) October - December 2014



### President

Dr. A. R. Pathak

### Vice-President

Dr. A.M. Parakhia

### Members

Dr. C.J. Dangaria  
Dr. A.V. Barad  
Dr. N. K. Gontia  
Dr. A.Y. Desai  
Dr. P. H. Tank  
Dr. K.A. Khunt  
Dr. N.K. Dhamsaniya

### Editor

Prof. V.M. Bhatt

### Asstt. Editor

Dr. J.B. Patel  
Prof. Seema Mandavia

### Editorial Assistant

Shri B.H. Tavethia

### Photographer

Shri Suresh Parmar

### Publisher

Director of Extension  
Education  
Junagadh Agricultural  
University  
Junagadh 362 001.  
Phone : 0281-2672080-90  
PBX : 341, 491  
Ph.: 0285-2672653  
Fax: 0285-2671669  
email : jaunewsletter@gmail.com

### Vice Chancellor's Desk

India is primarily an agrarian country with around 62 per cent of its population being dependent directly or indirectly on agriculture. The Indian agriculture sector has made a significant progress in the last few decades with its large resources of land, water and sunshine. India is presently the world's largest producer of pulses and the second largest producer of rice and wheat in the world. The country is also the second largest producer of sugar, after Brazil.

The Government of India realises the importance of agriculture to the development of our nation and hence has adopted several initiatives and programmes for this sector's continuous growth. Notable among them are Rashtriya Krishi Vikas Yojana (RKVY); National Food Security Mission (NFSM); National Horticulture Mission (NHM); Gramin Bhandaran Yojana; Integrated Scheme of Oilseeds, Pulses, Oil palm, and Maize (ISOPOM). As far as the recent major government initiatives in the sector are concerned, the General Council for National Food Security Mission (NSFM) has approved 2,100 crore for the scheme in 2014-15 which will focus on improving the production of oilseeds and pulses.

The Indian agriculture sector is expected to grow with better momentum in the next few years owing to increase in investment in agricultural infrastructure such as irrigation facilities, warehousing and cold storage. Factors such as reduced transaction costs, time, better port gate management and fiscal incentives will also contribute to this upward trend. Furthermore, the increased use of genetically modified crops is also expected to better the yield of the Indian farmers. The 12th Five Year Plan's estimate of expanding the storage capacity to 35 MT and the target of achieving an overall growth of 4 per cent will also go a long way in modifying the overall face of the Indian agriculture sector in the next few years.

A. R. Pathak

### Rabi Krushi Mahotsav -2014

Government of Gujarat is celebrating Krushi Mahotsav since last 9 years. But our new Hon'ble Chief Minister Shrimati Anandiben Patel has decided to celebrate Rabi Krushi Mahotsav also, which was organized in two phases (December 11-14 & December 18-21, 2014). As apart of this massive celebration, Shrimati Anandiben Patel inaugurated Agriseminar & exhibition at Chuda (Dist: Surendrahagar) on December 11, 2014 in presence of august gathering of farmers of Limdi and Chuda talukas. The Rabi Krushi Mahotsav was mostly organized at all APMCs of Saurashtra region. Large number of farmers participated in various krushi shibirs.



## SPECIAL PROGRAMME



*Shri Babubhai Bokhiriya at Rabi Krushi Mahotsav, Bhesan*

Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, GoG addressed the farmers in Rabi Krushi Mahotsav at Bhesan on December 12, 2014. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU and Shri Kanubhai Bhalala, Former Minister of Agriculture (State) also remained present on occasion.

### Felicitation to Hon'ble Vice Chancellor

To extend a warm welcome to Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, a programme was organized by the staff of JAU, Junagadh on November 5, 2014 at campus auditorium. In this programme, all officials/staff participated very enthusiastically. He was also honoured with the memento by Prof M. C. Varshney, Hon'ble Vice Chancellor of Kamdhenu University, who was the Chairman of this function. Dr. N. C. Patel, Hon'ble Vice Chancellor, AAU, Anand also graced the occasion as Chief Guest. Dr P. V. Patel, Director of Students' Welfare and President of All Employees Federation of JAU, Junagadh organized the event. University Officers, Principal and Deans, HODs and Unit Heads of the different centres of JAU and representatives of different associations presented the bouquets and extended their feelings.



*Felicitation to Hon'ble Vice Chancellor*

## SEMINAR & EXHIBITION

### Export Oriented Cultivation of Spices Crops and Value Addition

One day district level seminar was organized on November 29, 2014 on "Export Oriented Cultivation of

Spices Crops and Value Addition" at JAU, Junagadh. Total 363 progressive farmers including 120 women farmers of Saurashtra participated. Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture and co-operation, Government of Gujarat; Shri Jashabhai Barad, Hon'ble State Minister for Agriculture, Government of Gujarat and other dignitaries inaugurated the seminar by lighting the lamp. In his keynote address, Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture and co-operation, GoG, gave valuable suggestions for increasing the spices production in Gujarat. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh chaired the function and gave his inspiring speech. One publication in vernacular language was released.



*Shri Babubhai Bokhiria, Hon'ble Minister for Agriculture, GoG, addressing at the seminar*

### Seminar on Dry Farming Technologies and Cotton Production Technologies

As a part of celebration of Krushi Vikas Varsh (Year of Agril. Development) a state level Seminar on "Dry Farming Technologies and Cotton Production Technologies" for farmers was inaugurated by Shri Vijaybhai Rupani, Hon'ble Minister for transport, water supply, labour and employment, Govt. of Gujarat in a grand function chaired by Dr. A. R. Pathak, Hon. Vice chancellor, JAU during December 29-30, 2014 at Dry Farming Research Station and Krishi Vigyan Kendra, Targhadia (Rajkot). 827 farmers and 753 farm women participated in field demonstration of improved agriculture implements like chaff cutter, cotton stalk shredder, agro processing unit, hand wheel hoe, rotavator, thresher, tractor mounted sprayer, mobile chopper, solar cooker, solar lantern, solar light etc. Dr. C. J. Dangaria, Director of Research, Dr. A. M. Parakhia, DEE, Dr. V. N. Patel Research Scientist (Dry Farming), Dr. M. D. Khanpara, Res. Sci., (Cotton) and Dr. B.B. Kabaria, PC, KVK shared their knowledge and experience with farmers.



*Inauguration of State level seminar at Targhadia*

### State level exhibition at Targhadia

State level agricultural exhibition for farmers was organized during December 30-31, 2014 at JAU, Targhadia (Rajkot) as part of celebration of Krushi Vikas Varsh. Shri Govindbhai Patel, Hon'ble Minister of State Science & Technology, Energy & Petrochemicals, Govt. of Gujarat and Dr. A. R. Pathak, Hon. Vice Chancellor, JAU inaugurated the exhibition. More than 1200 farmers and farm women visited exhibition on various agril technologies.



State level agricultural exhibition at JAU, Targhadia

### Special veterinary clinical camps

Four special Veterinary Clinical Camps were organized in connection with the celebration of Krushi Vikas Varsh by College of Veterinary Science & Animal Husbandry, JAU, Junagadh, in collaboration with Department of Animal Husbandry, District Panchayat, Junagadh and various NGOs. The camps were organized at Virdi (Ta: Maliya Hatina), Khadia (Ta: Junagadh), Ghoba (Ta: Savarkundla) and Dhandhusar (Ta: Vanthali) on September 30, October 16, November 4 and December 1, respectively. Faculty staff and post graduate students from clinical departments were actively involved in these clinical camps. A large number of animal owners from respective villages as well as from surrounding villages were the direct beneficiaries of the camps. During the camp a large number of animals were treated for different medical, surgical and gynaecological ailments.



Inauguration of special veterinary camp at Virdi (Ta: Maliya Hatina)

### Field Day Celebration

"Castor Germplasm Field Day" was organized at Main Oilseeds Research Station, JAU, Junagadh on November 26, 2014. On this occasion, the Project Director, Dr. K. S. Varaprasad addressed the scientific gathering and gave the information regarding germplasm of castor available at Directorate of Oilseeds Research, Rajendranagar, Hyderabad. He also said that the germplasm material is available for all the scientists and use of this material for castor development in India.



Castor Germplasm Field Day

### Crop Production Week Celebration

To demonstrate scientific cultivation of cotton and provide solution to various practical problems of Cotton growing farmers of Saurashtra region, a Crop Production Week on cotton was organized by Cotton Research Station during November 19-20, 2014. Farmers, scientists of all Krushi Vigyan Kendra of Saurashtra and students visited the farm and acquired practical knowledge about cotton cultivation. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU appreciated staff of the centre.



### MEETING

#### People opinion meet on Organic Farming

To frame out policies to support and strengthen various issues on organic farming, a collaborative meet of progressive farmers of Saurashtra region, scientists, policy makers and Government officers were organized at JAU in collaboration with Gujarat Organic Products Certification Agency (GOPCA), Govt. of Gujarat, on November 17, 2014. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU presided over the function. Dr. C. J. Dangaria, DR; Dr A. M. Parakhia, DEE, JAU; Dr K. B. Kathiria, DR, AAU; Dr R. A. Khimani, Registrar, Gujarat Vidyapith; Shri R. A. Oza, Quality Manager, GOPCA; Shri Kapil Shah, Jatan Trust, Vadodara

and Shri Prafulbhai Senjalia, progressive farmer of Saurashtra steered the discussion on various aspects of organic farming. In this people opinion program for Saurashtra Region, a draft of the conclusion was prepared.



*Inauguration of people opinion programme on Organic Farming*

### Vice Chancellor - Teachers interaction meet

Vice Chancellor - Teachers interaction meeting was held on November 19, 2014 at the Conference Hall, College of Agriculture, JAU, Junagadh. In his address, Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, Junagadh motivated all the teachers to do their best to uplift the standard of teaching at both UG and PG level. He put emphasis on using library resources (print and soft publications). He also advised the teachers for motivating the students to appear and be successful in JRF /SRF and NET/ARS examinations.



*Vice Chancellor - Teachers interaction meet*

### ZREAC meeting

The 21st Zonal Research and Extension Advisory Committee (Rabi-summer) meeting of South Saurashtra Agro-climatic Zone was held in the Seminar Hall of CAET, JAU, Junagadh. Dr. T. Radhakrishnan, Director, Directorate of Groundnut Research, Junagadh & Chairman of the function inaugurated the meet. Deans of various faculties, scientists/teachers, officers of line department and all the members reviewed and previewed research & extension activities of university. In this meeting 5 varieties, 19 recommendations for farmers, 3 recommendations for scientific community and 13 new technical programmes were approved after thorough discussion by members.



*Dr. T. Radhakrishnan addressing the scientists at ZREAC meeting*

## TRAINING

### Training for KVK scientists

Three days training programme (November 17-19, 2014) on "New Horizons in Agricultural Technologies" for Programme Co-ordinators & Subject Matter Specialists working under KVKs of Saurashtra region was organized by Directorate of Extension Education, JAU, Junagadh. Knowledge in the fields of agriculture & allied fields, such as IPM, INM, Farm machinery, animal nutrition, human nutrition etc. was updated.

### Training for coconut growers

Three days training programme for coconut growers of GirSomnath district was organized by ATMA at Agricultural Research Station(Fruit Crops), JAU, Mahuva on November 25-27, 2014, wherein 30 farmers participated. In this training programme, Dr P. K. Kapadia and Dr. G. S. Vala provided scientific information on cultivation of coconut orchard and hybrid seed production of coconut.



*Training Programme for coconut growers*

### ASCAD training

College of Veterinary Science & A. H. organized five training programmes for Veterinary Officers of Government of Gujarat under Assistance to Control of Animal Diseases (ASCAD) by Dept. of Veterinary Microbiology, Surgery & Radiology, Medicine & Gynecology on various field oriented topics. A total thirty one Veterinary officers had participated in five training programmes. Dr A. R. Pathak, Hon'ble Vice Chancellor, JAU, graced the chair at valedictory function and released the training manual.



*Release of Training Manual at ASCAD training*

## PRIDE

### Hon'ble Vice Chancellor at International Meet

Asia-Pacific Association of Agricultural Research Institutions (APAARI) selected Dr. A. R. Pathak, Hon'ble Vice Chancellor to attend the general body meeting and 12th Asian Maize Conference and Expert Consultation on

"Maize for Food, Feed and Environmental Security", organised collaboratively by International Maize and Wheat Improvement Center (CIMMYT), FAO Regional Office for Asia and the Pacific and CGIAR Research Program on MAIZE during October 30 to November 01, 2014 at Bangkok (Thailand). About 350 delegates (researchers, policy makers, service providers, innovative farmers and representatives of various organizations) from 30 countries worldwide participated in the conference.



*Dr. A. R. Pathak, Hon'ble Vice Chancellor participating in plenary session of 12<sup>th</sup> Asian Maize Conference and Expert Consultation at Bangkok*

### Hon'ble Vice Chancellor at National Meet

Dr. A. R. Pathak, Hon'ble Vice Chancellor participated in 5th Regional Committee Meeting of Indian Agricultural Universities Association (IAUA) organized at Kerala Agricultural University, Thrissur during December 19-20, 2014. Dr. Pathak presented a paper on 'Fighting hunger - plurality in family farming' and also acted as co-chairman of the session on family farming in relation to food and nutritional security.

### Sadvichar Parivar Award-2013

Dr C. J. Dangaria, Ex. Research Scientist (Pearl Millet), JAU, Jamnagar and Director of Research, JAU, Junagadh and his team members, Dr P. R. Padhar, Dr K. D. Mungra, S. D. Atara, J. S. Sorathiya, Dr K. K. Dhedhi, V. V. Ansodariya, P. M. Makwana and Dr K. V. Pethani Ex Res. Sci. (Pearl Millet) has received the GAAS "Sadvichar Parivar Award-2013" for the "Release of Series of Pearl Millet Hybrids for increasing Cereal Production of Gujarat". The award was presented during the occasion of seminar on "Organic Farming Policy in Gujarat" held at Gujarat Vidhyapith, Ahmedabad on October 09, 2014 by Gujarat Association for Agricultural Sciences, Ahmedabad. The award constitutes cash prize as well as certificate.

### Outstanding Partnership Award

The management of International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad honours the JAU Junagadh with "Outstanding Partnership Award" in the 42nd Anniversary day of ICRISAT held at Hyderabad on December 12, 2014. The Award was presented for the best partnership in HOPE project by JAU Junagadh with ICRISAT. The Hope project meant for the increasing the pearl millet productivity especially in dry region of the country utilizing the improved varietal and crop management technology. This project is running at Pearl Millet Research Station, JAU, Jamnagar.



*Outstanding Partnership Award*

### Best paper award

Dr. R. Subbaiah, Research Scientist (Agril.Engg.) had presented paper on "Gamma-Autoregressive Model for Annual Rainfall Simulation" at 4th International Conference on "Hydrology and Watershed Management" with focal theme on "Ecosystem Resilient-Rural and Urban Water Resources" held at Centre for Water Resource, Institute of Science and Technology, Jawaharlal Nehru Technological University, Hyderabad. He got Best Paper Award in the said conference.

## STUDENTS' ACTIVITIES

### Training on Leadership and Personality Development

Two days training programme on 'Leadership and Personality Development' was jointly organized by National Council for Climate Change, Sustainable Development and Public Leadership and JAU, Junagadh on December 9-10, 2014 at the Conference Hall of KVK, JAU, Amreli. Total 94 students (45 of College of Agriculture and 49 girl students of Polytechnic in Home Science) enthusiastically participated in this training.

### Training on "Personality Development and Spoken English"

Three days training programme on "Personality Development and Spoken English" was conducted during November 13-15, 2014 by JAU and Laxi Care Foundation, Ahmedabad, wherein 50 UG students participated from different colleges of JAU. The training was inaugurated by



*Dr. B. A. Golakiya, Professor and Head, Dept. of Biotechnology on November 13, 2014.*



*Inauguration of Training on "Personality Development and Spoken English"*

## Awareness Seminar

In order to understand the procedure for securing suitable placement and to make the students aware of the activities of Staff Selection Commission an awareness seminar was organized on December 28, 2014 at College of Agriculture in the auspicious presence of the Mr. Bhattacharya, Chairman of the staff Selection Commission (W.R.). In this seminar, about 150 students of various faculties participated.



*Mr. Bhattacharya (W.R.) addressing students at Awareness Seminar*

A Full Day Career Management Seminar-Cum Training Programme on "Campus to Corporate - C2C" organized for the Students of JAU on December 12, 2014. This programme was conducted by the expert Dr Mehul G. Thakkar, Associate Professor in HRM, AABMI & University Placement Head, NAU, Navsari at Seminar Hall of the Dept. of Biotechnology, JAU, Junagadh. In this programme, 50 students of different faculties participated.



*Seminar-Cum Training Programme on "Campus to Corporate - C2C"*

## Inter Collegiate Chess and Cricket Tournaments

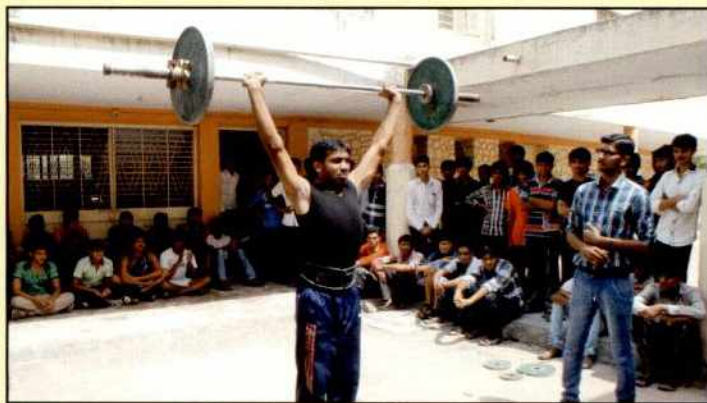
Inter Collegiate Chess and Cricket tournaments were successfully organized during the November 7- 8, 2014, wherein 105 and 30 students participated in Cricket and Chess, respectively. This tournament was inaugurated by Dr. A.M. Parakhia, DEE, JAU. College of Agriculture, Junagadh was the winner in cricket, while in chess, CAET secured the first position.



*Inauguration of Inter Collegiate Chess and Cricket Tournaments*

## Inter Collegiate Kho-Kho and Weight Lifting Tournaments

Inter Collegiate Kho-Kho and Weight lifting tournaments were organized by PGI ABM at University Sports Complex on November 11, 2014. In both the tournaments, team of College of Agriculture was the winner.



*Inter College Weight lifting tournament*

## Inter Agricultural University Participation

Gujarat State Inter Agricultural University Table Tennis, Basketball and Volleyball tournaments were organized during October 9-10, 2014 at SDAU, Sardar krushinagar. In these tournaments, table tennis boys and girls team of JAU secured FIRST position, while in volleyball, JAU remained at SECOND position.

Dr A. R. Pathak, Hon'ble Vice Chancellor inaugurated Gujarat State Inter Agricultural University Badminton, Kabaddi and Kho-Kho tournaments at JAU, Junagadh on November 14, 2014 in which 130 students participated. JAU team of Kabaddi and Kho-Kho won the championship, while the Badminton team(girls) of JAU secured second position.



*Inauguration of Inter Agricultural University Table Tennis, Basketball and Volleyball tournaments*

## Inter University Staff Tournaments

Gujarat State Inter University Staff Tournament organized at Staff Welfare Club, S.P. University Vallabh Vidhyanagar during December 25-27, 2014. In this tournament Junagadh Agricultural University Staff team won the Championship in Badminton.



*JAU Team of Gujarat State Inter University State Tournament*

## Launching of "Swachhh Bharat Mission"

On the launching of "Swachhh Bharat Mission" by the Government of India on the occasion of Birth Anniversary of Mahatma Gandhi on October 2, 2014, 340 NSS volunteers of University participated enthusiastically in the cleaning of College/hostel premises, roads of campus as well as the surrounding areas of departments. All the faculty/staff also took the oath and participated in cleaning activities.



*Launching of "Swachhh Bharat Mission" at Various offices of JAU*

In similar type of camp Dr A. R. Pathak, Hon'ble Vice Chancellor inaugurated Swachhhata Abhiyaan on the Birth anniversary of Pandit Jawaharlal Nehru on November 14, 2014.

## Blood donation camp

Blood donation camp was organized by the JAU in collaboration with HDFC Bank Ltd., Junagadh on December 4, 2014. The inaugural programme of this camp was presided over by Dr C.J. Dangaria, DR, JAU in presence of Dr G.K. Gajera, Renowned Pathologist of Junagadh. In this camp, 102 students donated the blood for the noble cause.



*Inauguration of Blood Donation Camp*

## Glimpses of NSS activities

Two day's field camp organized during October 18-19, 2014 on "Landscape Ecology of the Greater Gir Region and Regional Planning for Conservation of Asiatic Lion and its Associate Biota" in Gir forest area, wherein 19 students from different faculties of JAU, Junagadh participated.

College of Agriculture, JAU, Junagadh arranged one day camp on November 8, 2014 at Upper Cort, Junagadh for visiting the historical places and to be aware of the importance and maintenance of the monuments located in that area. In this activity, 60 students participated.

## PHOTO SPEAKS



*Research Council Meeting (October 13, 2014)*



*JAU staff Sneh Milan (October 27 2014)*



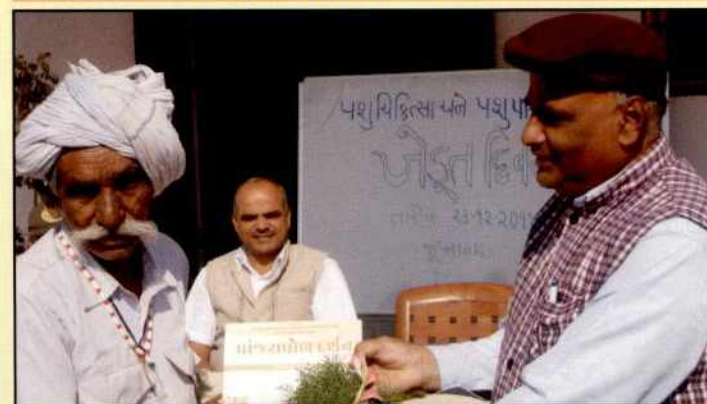
*Dr. C.J. Dangaria, DR, and Dr. K. H. Dabhi RS (Wheat) at Seminar on Wheat Crop at Village: Mesavan (Ta. Keshod) on December 17, 2014 organized by GNFC Ltd*



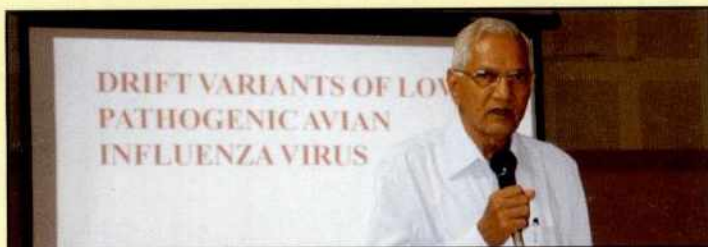
*Inauguration of Training programme at SSK*



*Prof. M. C. Varshney, Hon'ble VC, Kamdhenu University, Visited College of Veterinary Sci & AH, JAU, Junagadh [November 11, 2014]*



*Dr P. H. Tank felicitates Gopalak during Khedut Divas at College of Veterinary Sci & AH*



*Dr. J.L. Vegad, a renowned Veterinary Pathologist of India visited to CoVS&AH, JAU and delivered a talk on "Drift Variant of Low Pathogenic Avian Influenza (LPAI) Virus"*

**JAU Scientists participated in International conference**

International conference on 'Strengthen climate justice initiative: livelihood changes at local level with focus on farmers' was organized at Nirma University, Ahmadabad during November 8-9, 2014. The conference was inaugurated by chief guest Shri H. L. Dattu, Hon'ble Chief Justice, Supreme Court of India. Shri Om Prakash Kohali, Hon'ble Governor shri of Gujarat presided over the function. 23 scientists of JAU participated in conference.

**Human Resource Development**

For knowledge sharing and interaction with the national and international experts the teachers and scientists of JAU are sent for participating in seminars / conferences / symposia, etc. During the month of October, November and December 2014; 29 scientists and teachers were sent to attend training, winter/summer school, 65 attended different seminars/symposium/conferences at state and national level, 32 attended the workshops and group meets of their projects and 20 were sent for different academic works.

**Glimpses of SSK activities**

Total of 16 training programmes (10 on campus and 6 off campus) were conducted by the Sardar Smruti Kendra during October to December, 2014, wherein 364 farmers and 266 farm women participated from all over the Gujarat.



*Vocational Training on Preparation of Bakery Item at KVK*



*Training under ATMA Project*

**Glimpses of KVK activities**

KVKs (Amreli, Jamnagar, Khapat, Nana Kandhasar, Pipalia, Targhadia) organized 26 On Farm Trails of technologies and 423 Front Line Demonstrations on farmer's field. Total 3620 farmers, farm women and rural youth trained on various technologies in 102 training programmes. 11 training organized for extension personnels in 11 trainings. 147 farm women were trained on special topics in 8 trainings, 14886 farmers participated in 5 exhibitions, Message of agril technologies discussed with 12855 farmers in 27KisanGoshthi, 81 scientists visited farms of 474 farmers, 4512 farmers visited KVK to seek information.

**Third Vice Chancellor of Junagadh Agricultural University, Dr (Col) A. R. Pathak...**

Dr. Pathak a plant breeder, was Director of Research and Dean of PG Studies at AAU, Anand followed by prestigious post of Vice Chancellor of NAU, Navsari for 5 years. Under his able guidance, 25 varieties of various field crops and seven technologies have been filed for the patent and four technologies have been commercialized. Dr Pathak has many publications in International and National Journals as well as presented papers in various conferences, and also contributed chapters in various books. He had visited four countries viz., Thailand, Sweden, USA & Philippines. He served at various positions in more than 35 professional/technical and government bodies. Under his dynamic leadership at Navsari, an Android based mobile application called "KisanMitra" has been developed which provides agricultural, horticulture, veterinary and other university technologies to the farmers in vernacular language in their mobile device. He has been the recipient of seven prestigious awards. He was also conferred with honorary rank of 'Colonel' in NCC in the year 2013. JAU feels pride on having a personality with vision, academic excellence and dynamic leadership.

**Book Post**

To, \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**From:**  
 Directorate of Extension Education  
 J.A.U. Junagadh 362 001. (Gujarat)  
 Email : jaunewsletter@gmail.com