



# AAU

## NEWSLETTER

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### Message

Biotechnology is very important field progressing at rapid pace with capacity to affect every walk of life and livestock are no exception. Biotechnological progress in animal science has improved health and production of animals, in turn benefiting farmers and making livestock sustainable.

Anand Agricultural University has state of an art

'Ome Research Facility' for animal biotechnology research. Main areas covered under animal biotechnology are Genomic selection, Diagnostics and vaccine development, Artificial insemination and Embryo transfer, Nutrigenomics and Rumen manipulation as well as Cancer genetics and Gene based therapies.

Considering its achievements, state government has identified it as Centre of Excellence in Animal Biotechnology and ICAR has recognised it as Niche Area of Excellence on Rumen Metagenomics. Considering expertise of this centre, ICAR has also funded for prestigious and challenging project on 'Semen Sexing in Cattle'.

The significant scientific achievements of this centre include whole genome sequencing of *Gir* cattle and *Jaffrabadi* buffalo, two fish species viz., *Labeorohita* and *Clariusbatracus*, several pathogenic and non-pathogenic microorganisms. More than 1000 metagenome datasets have been generated. The centre has identified SNPs (gene variations) associated with milk production, disease resistance and reproduction in indigenous buffalo breeds. The centre has successfully shown regulation of myostatin gene using shRNA and miRNA in goat. This centre has also identified several novel enzymes from buffalo rumen microbes that are useful in digestion and industrial application. Discovery of mutations responsible for progressive retinal atrophy (PRA –a genetic disorder) in dogs and horn cancer in bullocks is another important achievement. Department of Biotechnology, GoI, New Delhi has sponsored international research collaboration to this centre with Royal Veterinary College, London, UK.

The centre has generated state-wide and nation-wide network of research collaboration as well as few international collaboration are developed. The centre has also developed software for breed identification of indigenous goat and cattle breeds of Gujarat based on microsatellite analysis.

The centre has published more than 150 publications in scientifically acclaimed and reputed journals, which shows relevance and importance of its outcomes in this advancing field.

The centre is actively engaged in generating human resource by way of conducting training programs regularly on biotechnology and bioinformatics. Several students have been trained in the institute and this has resulted in to generation of trained manpower resources in actively growing field biotechnology.



*N. C. Patel*

( N. C. Patel )  
Vice Chancellor

## MOTIVATIONAL PROGRAM ON 'GUJARAT NI KRUSHI- BHARAT NI RUSHI' AT ANAND



### Inaugural function of 'Gujarat ni Krushi-Bharat ni Rushi' program

Motivational Program on 'Gujarat ni Krushi- Bharat ni Rushi' was jointly organized by AAU and Shree Ram Krishna Pvt. Ltd., Surat on 16 September 2015 at AAU, Anand. Hon'ble Governorshri of Gujarat, Shri O. P. Kohli graced the occasion with Vice Chancellors of all the four SAUs and Kamdhenu University viz. Dr. N. C. Patel, Dr. A. R. Pathak, Dr. C. J. Dangaria, Dr. Ashok Patel and Prof. M. C. Varshneya. Shri Sharadbhai Patel, MD, ASPEE Foundation, Collector of Anand Dr. Dhavalkumar Patel (IAS) and DSP Shri Ashokkumar Yadav (IPS) also graced the occasion. Eight farmers, two each recommended by 4 agricultural universities were felicitated by the Hon'ble Governorshri, who in his speech, appreciated such an effort to felicitate the farmers, who need to be encouraged for their contribution. Dr. K. L. Chaddha, former DDG, ICAR gave a key-note address on 'Ancient Agriculture and Scope of Agriculture as well as Horticulture in Gujarat' and motivational speech was given by Shri Devraj Chaudhari. Shri Govindbhai Dholakia, Chairman of SRK Industries stressed the need of signifying farmers' contribution in nation's building and need of more such interactive programs. Large numbers of Officers, Scientists, P.G. students of all the four SAUs and farmers participated in the program.

## 12<sup>TH</sup> NATIONAL DAIRY PRODUCT JUDGING CONTEST AT ANAND

SMC College of Dairy Science and its Alumni Association, AAU, Anand jointly hosted the 12<sup>th</sup> National Dairy Product Judging contest on 10 September 2015. Total 26 teams from all over the country including those from dairy industries and academic institutes participated in the event. Amongst the participants from industries, AMUL dairy, Anand secured first prize while Baroda Dairy, Vadodara and Dudhdhara dairy, Bharuch were awarded with the second and the third



### Inaugural function of National Dairy Product Judging Contest

prize respectively. SMC College of Dairy Science, AAU, Anand was ranked first among all participants from academic institutes, while National Dairy Research Institute,(NDRI) Karnal stood second and College of FPT & BE Anand was awarded third prize. Mr. Maulik A. Luhar, from Dudhsagar dairy, Mehsana and Ms. Sanju Narwal, from SMC College of Dairy Science, AAU, Anand were awarded first prize as individual winners.



### Dr. N.C. Patel, Hon. VC, AAU awarded the prize winners

Dr. J. B. Prajapati, Principal SMC College of Dairy Science, AAU, Anand welcomed the guest. Shri. K. M. Jhala, Chief General Manger, GCMMF Ltd., Anand, the Chief Guest pointed out that the most crucial step in any product development is to meet the consumer demand so as to make it acceptable. Dr. N. C. Patel, Hon. V.C., AAU, Anand in his presidential address congratulated the winners and organizers. He said that such events provide platform for gaining new skills and exchange of knowledge. He emphasized the importance of maintaining quality of food product for the sake of human health. He suggested organizing more programs on new product development for milk product entrepreneurs which would ultimately help to improve the nutrition and quality of food reaching the consumers. Dr. A. G. Bhadania, President Alumni Association, proposed vote of thanks.



## 8<sup>TH</sup> NATIONAL DAIRY AND FOOD QUIZ CONTEST AT ANAND



### Inaugural function of 8<sup>th</sup> National Dairy & Food Quiz Contest

The eighth National Dairy and Food Quiz contest was organized by SMC College of Dairy Science and its Alumni Association, AAU on 11 September 2015. Total 22 teams from various academic institutes in India and different dairy plants from Gujarat took part in the contest. Vidya Dairy, Anand secured first prize, while SMC College of Dairy Science, Anand and National Dairy Research Institute, Karnal were awarded with the second and the third prize, respectively. The appreciation prize was given to College of Dairy Technology, Udgir.

Dr. J. B. Prajapati, Principal SMC College of Dairy Science, AAU, Anand welcomed the dignitaries. Shri A. K. Dhagat, Sr. G.M., Mother Dairy Gandhinagar, the Chief Guest of the function remarked that such events provide platform for knowledge sharing and team building. Dr. N. C. Patel, Hon. V.C. AAU in his presidential address said that such events help the students and industry personnel to update their knowledge. He also emphasized importance of right attitude as well as team work. Dr. A. G. Bhadania, President Alumni Association, proposed vote of thanks.



## REGIONAL REVIEW MEETING OF GKMS & FASAL AT ANAND

Dept. of Agricultural Meteorology, BACA, AAU and India Meteorological Dept., New Delhi jointly organized Regional Review Meeting of GKMS and FASAL of west zone (Gujarat & Maharashtra State) during 29-30 July 2015. The program was inaugurated by Dr. A R Pathak, Hon I/c. V.C., AAU, Anand. The dignitaries present on this program were Dr. P P Patel, DEE, AAU, Anand, Dr. K P Patel, Dean, Faculty of Agriculture, AAU, Dr. J B Upadyay, Dy. Director(GOG) and Dr. H M Babaria, Dy. Director (Agri.), GOG, Gandhinagar. Dr. B K Bhattacharya, Space Application Centre, Ahmedabad, delivered a key note address on space technology for agro advisory service and crop forecasting. Dr. R Balasubramanian, Scientist D, IMD, Pune, provided information about the scenario of GKMS & FASAL services in current agriculture cropping scheme and its economic impact on Indian agriculture. The participants were AO/Assistant directors of different districts, Nodal officer/Technical officers of AMFUs and SRF of FASAL along with progressive farmers.

### PG EDUCATION MEETINGS AT AAU, ANAND

Three Meetings were convened separately by the Directorate of Research & Dean P.G. studies for discussing various issues pertaining to P.G. Teaching and Research and further improvement of P.G. education at AAU.

Dr. M. K. Jhala set the agenda for the Meetings by highlighting the significance of P.G. Education. Dr. M. K. Jhala, then discussed the pertinent issues and concerns for P.G. Program administration and the solutions by deliberating on various issues point-by-point, along with the question-answers and interaction. Deans of various faculties expressed their satisfaction in holding such meetings to improve P.G. education and suggested useful measures which can be undertaken.



## AI TECHNICIANS TRAINING ORGANIZED UNDER RKVY

Deptt. of Animal Reproduction, Gynecology & Obstetrics (ARGO), College of Vet. Sc. & AH, AAU, Anand organized specialized fresh AI Technicians in-house training program for six weeks under RKVY Scheme of Dept. of Animal Husbandry, GOG through GCMMF, Anand from 6 July to 14 August 2015. Total 25 participants from Panchamrut (Godhra), Sursagar (Surendranagar) and Sarhad (Kutch) Milk Unions took part in the training. After completing 6 weeks of class room training, the participants are placed with experienced service providers of the respective Milk Unions for further 6 weeks field training, before they are awarded certificate and placed independently at AI Centre for service to the farmers. Dr. A.J.Dhami, Professor & Head, ARGO



acted as Course Coordinator and Dr. M.T.Panchal, Professor as course Director. AI trainees doing hands on in rectal palpation guided by Dr. K. K. Hadiya, the trainer.

## REFRESHER TRAININGS TO STATE VETS UNDER ASCAD

Refresher Training programs for the Veterinarians (seven batches) and Livestock Inspectors (one batch) of the State Animal Husbandry Department, GoG, Gandhinagar were organized under the aegis of Assistance to State for Control of Animal Diseases (ASCAD) in the following Disciplines at College of Vet. Sci. & A.H., AAU, Anand during July to September 2015. Total 64 participants remained present.

## TRAINING ON QUALITY SEED PRODUCTION AT RRS, ANAND

One day training program on 'Quality Seed Production in Paddy' was organized at Regional Research Station, AAU, Anand under ICAR Mega Seed Project on 18 September 2015. The program was inaugurated by Dr. K. B. Kathiria, D.R., AAU, Anand, Dr. P. P. Patel, D.E.E., Dr. K.P.Patel, Principal and Dean, B.A.C.A. and Dr. A.D. Patel, Nodal Officer (Seed) graced the occasion and shared their views on importance of quality seeds. About 42 participants viz., farmers, scientists, field staff of various research stations, representatives of GSSCA, Ahmedabad and GSSC, Gandhinagar took opportunity of this training program.

## POSTER PRESENTATION AWARD

XXXIXth Annual Congress of Indian Society for Veterinary Surgery and National Symposium on 'Recent Innovations in Diagnosis and Treatment of Surgical Disorders in Ruminants and Equines with particular applicability in Hilly Terrain' was held at Faculty of Veterinary Sciences and Animal Husbandry, SKAUST, Srinagar from September 1 to 3, 2015. Three gold medals and two appreciation certificates were awarded to Department of Surgery and Radiology for different papers presented during the last conference held at Bikaner. One appreciation certificate was awarded for poster presented at Srinagar conference.



Dr. P. V. Parikh, Dr. D. N. Kelawala and Dr. D. B. Patil receiving Gold medals from Hon. Vice Chancellor of SKAUST, Srinagar.

## ICAR SPONSORED SUMMER SCHOOL PROGRAM AT ANAND

ICAR sponsored Summer School program entitled 'Dairy Business Management in 21<sup>st</sup> Century' was organized by the Dairy Business Management Department of SMC College of Dairy Science, AAU during 6-26 July 2015. Dr. A.K. Makwana, Asso. Prof., DBM Department was the Course Director while Shri. K.C.Kamani, Asstt. Prof., was the co-course Director of the Summer School. Total 23 participants from SAUs of Gujarat, different states attended the Summer school.





## DISTINGUISHED VISITORS

- Mr. Filipe Nyusi, President of Mozambique, visited AAU on 7 August 2015 with delegates. Dr. A. R. Pathak, I/c. VC AAU welcomed the delegates. The delegates visited the Sardar Patel Educational Museum, Plant tissue culture laboratory, Regional Research Station and Vidya Dairy. He was very much impressed by the Research activities of AAU.



- Dr. Odemari Stephen Mbuya, Faculty Director, Florida Agriculture & Mechanical University (FAMU) and Dr. Mehboob. B. Sheikh, Professor and Plant Biochemist, Centre for Viticulture and small fruit research, Florida A & M University, Tallahassee, USA visited AAU on 23-24 July 2015. They had an interaction with Director of Research Dr. K. B. Kathiria and all the officers and Deans of the Universities. Dr. M. K. Jhala, ADR made a brief presentation about AAU and its activities which was followed by discussion of various areas on which collaborative educational and research programs can be taken up jointly. They visited the Sardar Patel Educational Museum, Plant Tissue Culture Lab, Plant Biotechnology Lab, Colleges of Agriculture, Dairy Science, Veterinary science, FPT, AIT, Vidya Dairy, Mega Seed Project, Micronutrient Dept., Biofertilizer Unit, Pesticide Residue Laboratory, Agril. Meteorology and Centre for weather forecasting and climate change etc. Lectures by the visitors were also arranged which were attended by faculty and scientists at the campus. They were impressed by the activities of AAU and showed keen interest for collaborative programs for agricultural research and education in future.



Visit at Sardar Patel  
Agricultural Education Museum



Visit at  
Vidya Dairy

- Shri S. J. Chiru, Director (crops) & Addl. Nodal Officer for Gujarat, Dept. of Agriculture and Cooperation, GOI, New Delhi visited AAU to review the RKVY projects on 03 September 2015. He expressed satisfaction in progress made by the University and gave encouraging remarks especially with regards to implementation of RKVY projects of AAU.

## FIRST LAC MEETING AT PVK , DEVAGADH BARIA



Release of animal husbandry folders during 1<sup>st</sup> LAC meeting of PVK

The first Local Advisory Committee meeting of Pashu Vigyan Kendra-Limkheda was organized at Tribal Research cum Training Centre, AAU, Devagadhbaria on 23 September 2015. This meeting was structured to discuss the activities carried out during the year 2013-14 and 2014-15 and action plan for the year 2015-16. Dr. N. C. Patel, Hon. VC and Chairman of the LAC, Dr. K. B. Kathiria, DR, AAU, and Dr. P. P. Patel, DEE reviewed the activities and provided valuable guidelines to boost up the activities of PVK, Limkheda. Dr. A. M. Thaker, Dean, Vety. College, Dr. V. R. Boghra, ADEE and Dr. M. K. Jhala, ADR, AAU also remained present to provide suggestions in annual action plan of PVK. Dr S. G. Vahora, Asso. Prof., briefed about the main aims of PVK, activities and developments of PVK, Limkheda. Six folders of Animal Husbandry in Gujarati were released on this occasion.

## 7<sup>TH</sup> LAC MEETING OF TRTC AT DEVAGADHBARIA



### Inauguration of LAC meeting of TRTC at Devgadhbbaria

The 7<sup>th</sup> Local Advisory Committee meeting was organized at TRTC, AAU, Devgadhbbaria on 23 September 2015. Dr. N. C. Patel, Hon. VC and Chairman of the LAC, Dr. K. B. Kathiria, DR, AAU and Dr. P. P. Patel, DEE, AAU reviewed the activities and provided guidelines to boost up the activities of the centre. On this occasion they visited various farm trials and demonstrations conducted at TRTC. Dr G. J. Patel, Unit head briefed about the research work being carried out on soybean, maize, cotton at TRTC, Devgadhbbaria.



## NATIONAL AWARD - JAGJIVAN RAM ABHINAV KISAN PURUSKAR - 2015



### Shri Dipenkumar Shah, progressive farmer, Anand bagged the National Award by Shri Narendra Modi, Hon. Prime Minister of India

Progressive farmer Shri Dipenkumar Mukundbhai Shah, Ta. Kunjirav, Dist. Anand bagged prestigious national Jagjivan

Ram Abhinav Kisan Puruskar (Jagjivan Ram Innovative Farmer Award) for the year 2015 on 87<sup>th</sup> Foundation Day of ICAR during Award Ceremony and 9<sup>th</sup> National KVK Conference, which was inaugurated by Hon. Prime Minister Shri Narendra Modi on 25 July 2015 at Patna, Bihar. Shri. Dipenkumar M. Shah has contributed for value addition of Drumstick (*Moringa oleifera*) seed and marketing of value added products of drumstick increasing shelf life thereby making its year round availability.

The award comprised of cash award of Rs. One lakh plus equal amount of travel grant across the country to promote his achievement advancing to farmers at national level.

## PROGRESSIVE FARM WOMAN AWARD



TRTC trainee Machhar Surtaben Deetabhai of Motanatra village, Ta. Fatepura, Dist. Dahod recognized as progressive farm woman at DSR, Indore. She expresses her views in these words:

'I took agriculture related training in TRTC, AAU, Devgadhbbaria. Unit officer of TRTC gave me information about soybean from date of planting to harvesting. Before training, I was growing Maize in my field. In that way, I did not get enough production to fulfill my family need. After taking training about soybean farming at TRTC Farm, I started to grow soybean in my farm and from that I got enough production to fulfil my family requirement. I have also grown soybean with maize as an intercrop. I got 40 per cent more profit in soybean as compared to maize as market price for soybean is higher than maize. I took part in *Krushimela* of soybean at DSR, Indore on 25 August 2015 and got certificate and ₹ 2000 as progressive farm woman.'

## WOMEN EMPOWERMENT PROGRAM AT KVK, ANAND

Under the aegis of Women Empowerment Fortnight celebration, a training program was organized on 06 August 2015 by KVK Devataj (Dist. Anand) on Women Empowerment through Livestock Keeping. About 35 women participated from Magharol, Devataj and Palol villages; Smt. Sarojben M. Gohel, President, Ta. Sojitra was the Chief Guest. Dr. G.G.Patel, PC, KVK, Devataj explained the objectives of this training program. During technical session, Dr. Ankita Killedar, Research Scientist & Head, RBR Unit described the importance of livestock management practices and farm women empowerment. Dr. N.P.Sarvaiya, explained



about reproductive management of farm animals for profitable dairy farming. Ms. Amitaben Parmar, Scientist, explained the importance of value addition of horticulture products and Dr. S.B.Katole described the scientific feeding practices for farm animals to improve the production performance.

### KISAN SAMMELAN AND EXHIBITION AT KVK, ANAND



**Release of Literature by Shri Dilipbhai Patel, Hon. MP of Anand, Dr. N.C. Patel, Hon. VC, AAU & Guests**

Krushi Vigyan Kendra, AAU, Devataj in collaboration with Director of Horticulture and Project Director, ATMA, Anand organized two days Kisan Sammelan and Exhibition at BACA, Anand which was sponsored by Ministry of Agriculture, GOI, New Delhi on 16-17 July 2015. Dignitaries Shri Dilipbhai Patel, Hon. MP of Anand, Mr. Jaswantsinh Solanki, Chairman of Anand Jilla Panchayat, Dr. N.C. Patel, Hon. VC, Dr. P.P. Patel, DEE, Dr. K.B. Kathiria, DR, AAU, Anand, Dr. R.A. Sherasia, DOH and Mr. B.U. Parmar, JDOH graced the occasion. About 500 farmers of Anand district attended this program.

### NATIONAL FISH FARMERS' DAY CELEBRATION AT CIFA, ANAND



**Celebration of National Fish Farmers' Day in the presence of Dr. N. C. Patel, Hon. VC, AAU**

Krishi Vigyan Kendra, Devataj and the RRC of Central Institute of Freshwater Aquaculture, CIFA Anand jointly Celebrated National Fish Farmers' day on 10 July 2015 at

Aniket Farmers' Hostel, AAU, Anand. Dr N.C. Patel, the Hon. VC, AAU, Shri. N.R. Patel, Dr. Director of Fisheries, GoG, Dr. K.B. Kathiria, DR, AAU, Dr. A.M. Thaker, Principal, College of V.Sc. & A.H., AAU and Dr. Sujata Bhatt, Head, Bio Science Department S.P. University, Anand graced the occasion. Seven fish farmers from Anand and Kheda districts of Gujarat were felicitated and two publications in vernacular language were released on this occasion.

### KHEDUT SHIBIRS ON OILSEED & OILPALM BY KVK ANAND

KVK, Devataj & Assistant Director of Agriculture (Ext.), Khambhat jointly organized two Khedut Shibirs on Oil Seed & Oil Palm Cultivation under National Mission on Oil Seed & Oil Palm.



### OFD ON FISH SEED REARING BY KVK, AAU, ANAND



ICAR-Regional Research Centre of Central Institute of Freshwater Aquaculture, Anand and Krishi Vigyan Kendra, AAU, Devataj jointly organized on-farm

demonstrations on nursery raising of genetically improved variety of rohu (Jayanti rohu) in hapas. The demonstration was conducted in a farmer's pond in the Napad Vanta village of Anand District, Gujarat. Progressive fish farmers, scientists, students and KVK officials remained present during the occasion.

### MAHILA SASHAKTIKARAN DAY CELEBRATION AT KVK, AHMEDABAD

Krishi Vigyan Kendra, Arnej celebrated the Mahila Sashaktikaran Day on 6 August 2015. Mrs. Jashuba Pratapsinh Dodiya, Taluka Member, Arnej was the Chief Guest of this celebration. Total 87 women participated in Bakery training program which was conducted by Dr. Gayatree Jadeja, SMS, Home Sc. Ms. Namrtaben Bhavsar Social Worker, Ahmedabad delivered lecture on importance of environment & organic farming and gave the information on medicinal plants and its therapeutic use. Mr. Rambhai Sindhav, Social Worker, Santokba Trust, Dholka encouraged

the women to make the society free from tobacco addiction as it is more prevalent in this area in the young generation. Mr. Pravinbhai Patel information on use of Deshi Cow in Agriculture, for health and environment. All participants visited the Research Station, Farm and the Nursery Demo unit of Arnej centre.



#### NATIONAL NUTRITION WEEK CELEBRATION AT KVK, AHMEDABAD



#### National Nutrition Week Celebration

Krishi Vigyan Kendra Arnej organized the Health Exhibition on 10-11 September 2015 as a part of National Nutrition Week celebration. The exhibition was specifically organized for the adolescent children. Total 630 school children and 25 school teachers from eight schools which were nearer to KVK centre had visited the exhibition. In this Health exhibition, 130 posters related to health, nutrition and disease were displayed. The video show on health and nutrition information was also held for the children. The household food adulteration tests were demonstrated to school teachers. School children had also visited the research farm and nursery unit. Dr. M.S. Jakasaniya, organizer and Dr. Gayatree Jadeja, Convener of the exhibition and the entire staff made the event successful.

#### ONE DAY AWARENESS PROGRAMS ON IWM UNDER TSP

One day awareness training program on Integrated Weed Management under TSP was organized at TWFTC, Devgad Baria on 2 September 2015. Dr. B. D. Patel, Agronomist, DWSR-Anand Centre, AAU, Anand explained various methods to manage weeds in the important crops of

Dahod district. In the training, spraying method of herbicide was demonstrated by Dr. D. D. Chaudhari.

One day awareness training program was organized at KVK, Dahod on 19 September, 2015.



#### KHEDUT SHIBIR AT BAMROLI

Bench mark survey has been carried out in AAU adopted village Bamroli of Vaso Taluka by College of Agriculture & Polytechnic in Agriculture, Vaso during September, 2015 and *Khedut Shibir* was also organized on 4 September 2015. Total 47 farmers and Farm women participated in this *Khedut Shibir*. Farmers were provided information regarding Scientific Cultivation of Paddy, Importance of Horticultural plantation and Livestock production-a profitable business. Dr. J. B. Patel, Principal and team members worked hard for success of the program.



#### KHEDUT SHIBIRS ORGANIZED BY NIRP, KHANDHA

Two Khedut shibirs were organized at Khandha to disseminate the improved technologies in agriculture. Total 38 farmers participated.





## ACTIVITIES UNDER OPMAS

- Total 16 Khedut Shibirs in Vadodara and Kheda districts have been conducted successfully to make aware the farmers about the management of insect pests and also of the strategy for the control of pink bollworm. Total 664 farmers participated in Khedut shibirs.
- Five On Campus IPM trainings under OPMAS project were conducted for the farmers to make aware about the Cotton Pest Management and also about the actions to be taken for the management of pink bollworm in Bt cotton. Total 190 farmers got benefitted from the training.
- Total nine field visits in the different villages of Kheda and Vadodara districts were made to survey the various fields of Bt cotton.
- Under m-Kisan portal, two sms of plant protection were uploaded and 1, 56,618 farmers of Gujarat took the advantage.



## TRAINING PROGRAMS ORGANIZED AT COLLEGE OF AGRICULTURE, AAU, JABUGAM

College of Agriculture, AAU, Jabugam organized different training programs during the July-September 2015. First training was organized on 7 July 2015 under the theme on Management of *Kharif* Crops, Total 50 farmers from nearby villages participated in this program. The second training was organized on 8 July 2015 for farm women, Total 65 farm women participated in this training.

In context with celebration of Women Empowerment Fortnight program, one training program for tribal women



farmers was organized on 6 August 2015. The theme of this training was Management of Agricultural Crops in Tribal Area. Total 45 women farmers participated in this training program. On this occasion, women Sarpanch of Kukna

village and Dr. V.V. Sonani, Research Scientist, PRS, AAU, Vadodara remained present as Chief Guest. Dr. S. R. Patel, Principal and OSD, COA, AAU, Jabugam guided for successful organization of the training programs.

## TRAINING PROGRAM ON HDPS AT RCRS, AAU, VIRAMGAM



A training program on High Density Planting System was organized under National Food Security Mission (NFSM): Commercial crop cotton at Regional Cotton Research

Station, AAU, Viramgam on 23 July 2015 for the farmers of Mandal and Viramgam Taluka of Ahmedabad district. Total 26 farmers participated in the training program. Dr. T.T.Patel, Asso. Res. Scientist, RCRS, AAU, Viramgam addressed the farmers on Importance of desi cotton and adaptation of improved cultivars in present situation of climate change. Shri G.A.Patel, ARS, RCRS, AAU, Viramgam elaborated the importance of High Density Planting System and suggested use of HDPS for better yield in desi cotton. Shri S.S.Kosambi, Shri Maheshbhai Prajapati, officers of State Dept. of Agriculture, and other staff members of RCRS, AAU, Viramgam remained present in the training program.

## TRAINING PROGRAM ON INTEGRATED WEED MANAGEMENT

- Training program on Integrated Weed Management in Modern Agriculture was organized by AICRP-Weed Management for the farmers of Gujarat during 28-30 July 2015 at Aniket farmer's hostel, AAU, Anand. Dr. P. P. Patel, DEE, AAU, remained present in the inaugural session and emphasized the importance of training in context to weed management. Dr. B. D. Patel, Agronomist, AICRP-WM, explained various methods to manage weeds in the important crops and non-crop area and Shri D. D. Chaudhari, Jr. Agronomist, demonstrated spraying of herbicides during the training.
- Training program was organized during 10-12 August 2015 at FTTC, AAU, Nenpur. Shri N. M. Vegad, Asstt. Ext. Edu. remained present in the inaugural session and emphasized importance of training in context to weed management. Dr. B. D. Patel, Agronomist, discussed various methods to manage weeds and Shri D. D.

Chaudhari, Jr. Agronomist, AAU, Anand demonstrated spraying of herbicides during the training.



## ORIENTATION MEET OF PG STUDENTS



An Orientation meet was organized by Dept. of Ext. Edu., BACA, AAU, Anand for PG and PhD students on 04 August 2015. In this program, Dr. N. B. Chauhan, Prof. & Head explained

importance of Extension Education in agriculture and development of the economic condition of the farmers. He also explained the significance of the courses and regularity of students. He advised all the PG & PhD students to prepare atleast 25 questions daily for the NET examination. Dr. J. B. Patel presented course content, credit requirements, rules and regulations for PG students. All course teachers attended the program. Main aim of this orientation was brief introduction of students and teacher.

## ORIENTATION PROGRAM AT IAMBI, ANAND



Guest lecture during orientation program on different topics

International Agri-Business Management Institute, AAU,

Anand organized one week orientation program for the new batch students.



Visit of different AAU departments by IABMI students

## ORIENTATION PROGRAM AT COLLEGE OF AGRICULTURE, AAU, JABUGAM

An orientation program for new students admitted for first semester was organized on the 30 September 2015 at College of Agriculture, AAU, Jabugam. Dr. S. R. Patel, Principal and OSD, COA, Jabugam delivered his welcome address. Dr. Mohammad Sajjid, Asstt. Prof., COA, Jabugam, gave brief introduction of degree program and activities to be undertaken. The students also shared their views about the college and surrounding atmosphere, and being a part of this college and university. Dr. K.P. Patel, Principal & Dean, B.A.C.A., AAU, Anand, and the Chief Guest of this program blessed the new entrants.



## 48<sup>TH</sup> VALEDICTORY FUNCTION AT VETERINARY COLLEGE, AAU, ANAND.



48<sup>th</sup> valedictory function at Veterinary College, Anand

The 48<sup>th</sup> Valedictory function for the outgoing students of X<sup>th</sup> semester B.V.Sc. and A.H. was held on 20 July 2015 at the



Kapila Hall of College of Vet. Sci. & A.H. Campus. The Hon. VC Dr. A. R. Pathak of JAU, Dr. K.B. Kathiria, DR, AAU, Dr. Devang Desai, Dy. Municipal Commissioner, Ahmedabad, Dr. A.M. Thaker, Principal & Dean, Vet. College and Dr. K.M. Panchal, Chairman, UGTC, graced the function as President, Chief Guest, Guest of Honour & Chairman respectively.

Two students Mr. Rohit Jaiswal and Mr. Nayan Joshi expressed their thoughts. They thankfully acknowledged the efforts put by all the faculty members.

Total 57 students who graduated this year took the oath for the profession conduct.

Dr. Devang Desai, who shared the memories of his student life, suggested that the students should not refrain from taking up any challenging job assigned to them to succeed in their professional career.

Rohit Jaiswal was declared as the best internee student.

Dr. K.B. Kathiria, DR, AAU explained the avenues which are open for the graduating students in academics, professional careers in private as well as Government organizations within the state, country as well as abroad.

Dr. A.R. Pathak, Hon. VC, JAU extended best wishes appreciated overall performance of the students and suggested that some students should take initiative to take up administrative positions through Civil Service Examinations of State as well as Central Government for the betterment of the Veterinary profession. Dr. A.M. Thaker encouraged the students by suggesting their total involvement in whatever professional carrier they take up in future. Dr. K.M. Panchal extended vote of thanks and wished success for the students to their future endeavours.

#### PERSONALITY DEVELOPMENT PROGRAM AT ANAND



**Dr. N. C. Patel, Hon. VC, AAU inaugurated the function of Personality Development Program**

Two Personality Development Programs were organized by

AAU, Anand in association with SMART Series, Bengaluru at SMC College of Dairy Science during 14-15 July 2015 and CAET, Godhra during 24-25 August 2015. Total 76 students from Dairy Science College and 92 students from CAET, Godhra participated in these programs.

#### FRESHERS WELCOME BY DAIRY SCIENCE GIRL STUDENTS

A freshers Welcome was organized by all senior girl students at Dairy Science Girls' Hostel on 19 September 2015. The event was made memorable by gracious presence of Dr. J. B. Prajapati, Principal & Faculty members, The program was meant for warm welcome of freshers into Dairy Science family along with many creative activities by both seniors and new comers, which included Rangoli, poster and decorations, cultural event as well as experience sharing. At the end all faculty members and students had enjoyed the evening with Garba.



#### DIGITAL INDIA WEEK PROGRAM AT ANAND

All the students of Agriculture Polytechnic participated in Digital India Week Program. The students were made aware about the Digital Locker facilities and created their own Digital Locker linked with their ADHAR CARD. Dr. M.V.Dabhi, Program officer & Asstt. Prof., Polytechnic in Agriculture, AAU, Anand informed the students regarding the Digital Locker. Dr. V. J. Patel has also inspired and provided motivation to the students for opening the accounts of Digital Locker and various other facilities under the Digital India Week Program.



#### INDUSTRIAL VISIT OF IABMI STUDENTS AT VIMSON CHIKORI CORPORATION, GAMDI

International Agri-Business Management Institute, AAU, Anand organized industrial visit for 1<sup>st</sup> and 3<sup>rd</sup> semester students at Vimson Chikori Corporation, Gamdi. Mr. Bindubhai Patel (MD) had explained about his journey from



**Mr. Bindubhai Patel, MD, Vimson Chikori Corporation explained their business experience to IABMI students**

initial to existing situation, strategies and marketing policy of his company. This visit became beneficial to the students for their education and future endeavor.

### TEACHER'S DAY AT IABMI, ANAND

Students of IABMI celebrated Teacher's day on 7<sup>th</sup> September. In the first session, students became teachers and they delivered lectures on Management in the classrooms. In the afternoon session, they organized management games and activities in which students and faculty actively participated and made the event memorable.



**Teacher's Day competition**

### TEACHER'S DAY AND JANMASTAMI CELEBRATION AT ANAND



Students of SMC College of Dairy Science organized Teachers' day and Janmashtami on 5 September 2015 at Munshi Hostel, SMC College of Dairy Science, AAU, Anand. Dr. Baboo Nair, Professor Emeritus, Lund University, Sweden graced the event as the chief guest. The celebration was made cheerful in presence of

Dr. J. B. Prajapati, Principal & Dean and faculty members of SMC College of Dairy Science, AAU, Anand. Janmashtami was celebrated with 'Aarti of Nandgopal' and 'Dahi Handi Utsav.'

### CELEBRATION OF 69<sup>TH</sup> INDEPENDENCE DAY AT AAU, ANAND

Anand Agricultural University celebrated 69<sup>th</sup> Independence Day on 15 August 2015 at University Bhavan. All university officers, staff members, students of different faculties remained present to grace this yearly celebration. All NCC cadets, NSS volunteers actively participated in this celebration. Dr. A.R.Pathak, Hon. VC, JAU hoisted the flag. Then, National Anthem was sung by all the University Officers. Dr. A.R.Pathak, Hon. VC, JAU addressed the gathering. About 150 plants were planted at the end of the program.



### TREE PLANTATION PROGRAM AT ANAND

The College of Veterinary Science and Animal Husbandry, AAU, Anand organized 'Tree plantation program' on 13 August 2015 under NSS. In this program, Dr. Veersingh Rathore, Prof. & Head, and Dr. R. R. Momin, Prof., Veterinary Parasitology and I/C Prof. & Head, VPH Veterinary College, S. K. Nagar; and Dr. K. S. Shraman, Asstt. Prof., Pharmacology, Veterinary College, Jabalpur remained



**Sapling plantation by Dr. R. R. Momin along with Dr. Veersingh Rathore, Dr. A. M. Thaker, Dr. R. A. Mathakiya and NSS volunteers**

present as guests alongwith Dr. A. M. Thaker, Dean/Principal, Veterinary College, AAU, Anand and NSS Program Officer Dr. R. A. Mathakiya. NSS volunteers planted around 50 saplings in the college campus and Zaveri Clinic (TVCC) on this occasion.



### PLANTATION AT HEALTH CENTER, AAU, ANAND

Director of Students' Welfare organized a program on Plantation of Medicinal and Aromatic plants at Health Center of AAU on 3 August 2015. Plantation was done by Dr. P. P. Patel, DEE, Dr. D. R. Kathiriya, DIT, Dr. S. H. Akbari, DSW, Dr. K. P. Patel, Principal & Dean, BACA, Dr. H. C. Patel, Principal, Horticulture College and Medical Officer of Health Center. More than 100 plants were planted at Health Center, AAU, Anand.



### PARTICIPATION IN DISTRICT LEVEL NSS CAMP AT JUNAGADH

Total 24 students of different colleges of AAU Anand participated in three days District level NSS Camp organized by JAU Junagadh during 31 July 2015 to 2 August 2015. The president of the inaugural function was Dr. A. R. Pathak, Hon. VC JAU, Junagadh and Dr. Kamalkumar Kar, Regional Head, NSS, Ahmedabad, Dr. P. V. Patel, DSW, JAU, Junagadh Dr. H. R. Pandya, DSW, NAU, Navsari and Dr. S. H. Akabri, DSW, AAU, Anand and other guests remained present. During this camp, lectures on different topics were delivered.



### NATIONAL LEVEL ADVENTURE CAMP AT DHARMSHALA (H.P.)

Government of India, Ministry of Youth Affairs & Sports conducted an Adventure Program at ABVIMAS Dharmshala, Himachal Pradesh for NSS Volunteers during 20-29 September 2015. Four students of Anand Agricultural University have participated in this camp.



### AAU PARTICIPATION IN FLOOD RELIEF CAMP IN BANASKANTHA

Students of AAU arranged a Flood Relief Camp in Banaskantha. They distributed food packets to the victims affected by flood. They reached to inaccessible villages and did a great job of helping the people affected in flood.



### SWACHHATA ABHIYAN



- Under the clean India campaign, SMC College of Dairy Science has organized 'Swachhata Campaign' on 18 September, 2015. Under the guidance of Dr. J. B.

Prajapati, Principal & Dean, all the faculty members and other staff and PG students actively carried out cleaning activities in their concerned departments.

- AAU celebrated 'Swachh Bharat Abhiyan' on 18 September 2015 in various colleges and offices. NSS Volunteers joined in cleaning the offices, hostels and periphery of the hostels and campus.



- The National Service Scheme, BACA, AAU, Anand arranged a cleanliness campaign of Hon. Prime Minister of India on 18 September 2015 to create an awareness among the students on most important cleanliness movement. The NSS volunteers of BACA actively participated in the campaign by cleaning the college





- The National Service Scheme, BACA, AAU, Anand arranged a cleanliness campaign of Hon. Prime Minister of India on 18 September 2015 to create an awareness

### INTER COLLEGE CULTURAL AND LITERARY COMPETITION 2015-16 AT ANAND

Inter College Cultural and Literary Competition was held at College of Vet. Sc. & A.H., AAU, Anand on 29 September 2015. Inaugural program was graced in the presence of Principal and Dean, Veterinary College, Anand as President of the function, Registrar, as Chief Guest. Principal and Dean, Dairy Science College, AAU, Chairmen of SRCs and team managers of various colleges and faculties of Veterinary College were also present. Different types of competitions Viz., Debate, Extempore, Essay, Drama, Mime, Folk Dance and Mono Acting were held throughout the day.

Students from various colleges have participated actively in different competitive events. Veterinary College, Anand ranked first in Drama, Mime and Debate (in favour) while B. A. College of Agriculture ranked first in Folk dance, Debate (against), and Mono Acting. College of FPT & BE got first prize in Extempore whereas IABMI got second rank. Prizes were distributed by DSW, Judges & SRC chairman, Vet. College, Anand.



### GANESH MAHOTSAV AT MUNSHI HOSTEL, ANAND



**Celebration of Ganesh Mahotsav**

The students and faculties of SMC College of Dairy Science, AAU, Anand celebrated Ganesh Mahotsav at Munshi Hostel. With Ganapati Sthapana on 17 September 2015 (Ganesh

Chaturthi), the students organized a 'Samooch Aarti' on 20 September 2015 evening. The pious evening was made joyful with gracious presence of Hon. VC, AAU, Dr. N. C. Patel along with his family members; DSW, Dr. S. H. Akbari and Principal & Dean, SMC College of Dairy Science, Dr. J. B. Prajapati. Faculty members and students of SMC College of Dairy Science joined for 'Samooch Aarti' of Lord Ganesha. The students were blessed by Hon. VC, Dr. N. C. Patel wherein he inspired the students to acquire success in their life. The entire event was organized by the students under leadership of General Secretary Harshil Patel and Ankit Desai.

### INAUGURATION OF SPORTS ACTIVITY OF AAU

IABMI got the chance to inaugurate the sports activity of AAU for the year 2015 – 2016. During the inaugural function, Registrar, DSW, Principal & Dean FPT&BE, Principal & Dean of Veterinary, Principal & Dean IABMI, SRC chairman of



**Inauguration function of the sports activity of AAU**

IABMI, all SRC chairmen and team managers of different colleges and physical instructor of BACA and Veterinary College remained present. IABMI has organised Table Tennis & chess tournament.





## SPORTS AT IABMI



### Badminton Tournament

Students of 1<sup>st</sup> and 3<sup>rd</sup> semester of IABMI actively participated into Badminton tournament which was organised by BACA, AAU Anand. IABMI girls' team became runners-up in Badminton tournament.



### Debate and Elocution Competition

International Agri-Business Management Institute participated in Cultural and Literary Competition of AAU during 29-30 September 2015. Students of IABMI participated only in debate, extempore and mime. IABMI students got second prize in extempore and mime competition.



### Mime Competition

## INTER COLLEGE TABLE TENNIS, CHESS, BADMINTON, CULTURAL AND LITERARY COMPETITION 2015-16

Inter College Sports and Cultural competition was inaugurated by Dr. D.C. Joshi, Principal & Dean FPT & BE IABMI hosted Table Tennis & Chess Competition. Badminton tournament was organized by B.A.College of Agriculture whereas Cultural & Literary events were

organized by Veterinary College. All colleges of AAU participated in these competitions.



## ESSAY COMPETITION



Anand Kaushal and Chauhan Nisha, First Semester, IABMI student have actively participated into literary activity (Essay competition) which was organised by College of Veterinary Science, AAU, Anand.

Anand Kaushal Secured the second Position in PG – Essay competition

## OUR PRIDE



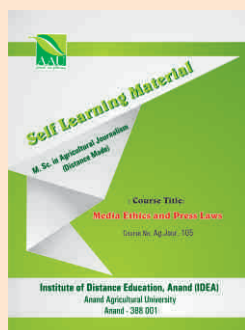
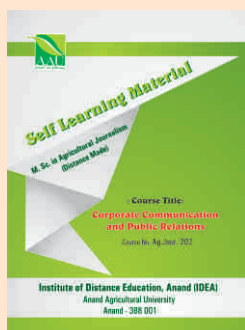
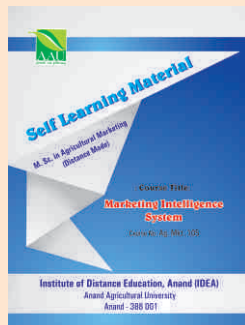
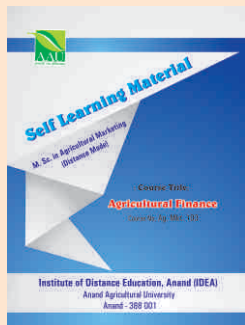
- Hon. Union Minister of Agriculture and President ICAR Society nominated Dr.A.M.Thaker, Dean/Principal, College of Veterinary Science and Animal Husbandry, Anand as a member of the Institute Management Committee of ICAR- National Institute of Animal Nutrition and Physiology, (NIANP) Bengaluru for a period of three years w.e.f. 07 August 2015. NIANP is mandated to conduct basic and fundamental research with respect to animal feed resource management using physiological-nutritional approaches to improve animal productivity and profitability for livestock farmers.
- Dr. Subrota Hati, Asstt. Prof., Dairy Microbiology Department, co-edited a book on 'Dairy Product Technology-Recent Advances' published by Astral International (p) Ltd.



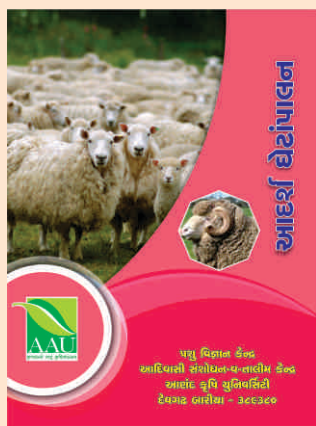
- Dr Jashbhai B. Prajapati, Prof. & Head of Dairy Microbiology Dept. and I/C Dean, Faculty of Dairy Science has been conferred coveted Hari Ohm Ashram Award for Biennium 2012-13 (for animal and fisheries sciences) by Indian Council of Agricultural Research, New Delhi. This award was given in recognition of his outstanding contributions in the area of probiotic research. As Dr Prajapati was out of country, the award was received by Dr P.P. Patel, DEE, AAU in ICAR award ceremony at Patna on 25 July 2015.

## SELF LEARNING MATERIAL UNDER IDEA, ANAND

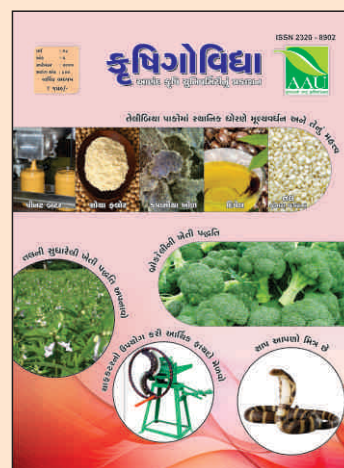
IDEA, operating the master courses at AAU has launched distance mode for M.Sc (Agricultural Journalism) and M.Sc. (Agricultural Marketing). Self Learning Materials for the courses related to Agricultural Journalism and Agricultural Marketing were prepared by Dr. P. M. Bhatt and course teachers.



## PUBLICATION UNDER PVK, LIMKHEDA



## PUBLICATION OF FARM MAGAZINE



The publication unit, DEE, AAU, Anand publishes the monthly farm magazine '*Krushigoviddya*' regularly for the benefit of the farming community since May 1948. There are 8370 subscribers registered for this farm magazine upto September 2015.

## RETIREMENTS

### July 2015

- 1 Dr. Kanubhai Shankarbhai Patel, Assistant Professor, Poly technic in Horti., Vadodara - retired
- 2 Dr. Hasmukhbhai Gokalbhai Patel, Assistant Professor, Dairy Science College, Anand - retired
- 3 Dr. Pushpendrasingh, Polytechnic in Agri. Engineering, Dahod - voluntarily retired
- 4 Shri Amrutlal Trikamlal Prajapati, Office Superintendent, Office of the Comptroller, Anand- retired
- 5 Shri Rajnikant Manilal Patel, Agri. Assistant, Maize Research Station, Godhra- retired
- 6 Shri Jagdishchandra Manubhai Patel, Agri. Assistant, College of Vet. Science & AH, Anand- retired
- 7 Shri Savjibhai Laljibhai Bhati, Peon, B. A. College of Agriculture, Anand- retired
- 8 Shri Dineshchandra Jasbhai Gajjar, Peon, B. A. College of Agriculture, Anand- retired
- 9 Shri Somabhai Devjibhai Gohel, Tractor Driver, Bidi Tobacco Research Station, Anand- retired

### August 2015

- 10 Shri Jhoan Josepha Maskarnhas, Fitter, Dairy Science College, Anand - retired

### September 2015

- 11 Shri Rohitbhai Dalsukbhai Suthar, Senior Clerk, Office of the Registrar, Anand - retired
- 12 Shri S. R. Mehta, Driver, Bidi Tobacco Research Station, Anand- retired
- 13 Shri Somabhai Keshabhai Parmar, Peon, Main Rice Research Station, Nawagam - retired

*'AGRICULTURE is the healthful, most useful and most noble employment of men'*  
-George Washington

Book-Post

To

From :  
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