



# AAU

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### Message

Livestock plays an important role in Indian economy with contribution of 4.11% to GDP and 25.6% to total Agriculture to GDP. Breeding, management and feeding are the three main pillars of profitable dairying, of which feeding plays a very crucial role. Adequate feeding will ensure that animal attains desired body weight, early pregnancy to produce more milk and remains healthy.



Animal husbandry in our country is subsidiary to agriculture and mainly depends on feeding agriculture byproducts which can only sustain animals. Pasture grass is the only source of green fodder to majority of animals with insufficient quantity and only dairy animals get concentrate mixture while in lactating stage. There is total ignorance for supplementing mineral mixture to livestock. All together it leads to imbalanced feeding which cannot exploit full genetic potential of animals.

National Dairy Development Board has noted that ration balancing increases net daily income of farmers from ₹ 15 to 25 per animal through increase in milk and milk fat production. Extensive work has been carried out by Animal Nutrition Research Department of AAU for all the districts of Gujarat and in all three seasons to study nutritional status of different categories of dairy animals and has made recommendations for supplementing deficit nutrients through locally available feeds (Ration Balancing).

Similarly, the mineral status of different categories of animals has been studied and the minerals found deficient against their requirements were determined. Based on this information, recommendations have been made for Area Specific Mineral Mixtures. AAU is also manufacturing chelated mineral mixture and the same is being sold under the brand name of 'ANUBHAV MINERAL MIXTURE'.

The scientists at Animal Nutrition Research Department have also developed legume straw based feeding system which reduces methane emission from cattle and buffalo by 11%.

Efforts are also being made to develop technology for Solid State Fermentation of crop residues to enhance nutrient utilization, feed efficiency and production of ruminants. I am sure that the scientists will continue to explore new frontier areas in the field of Animal Nutrition to improve reproduction, production and health of livestock.

*N. Patel*

( N. C. Patel )  
Vice Chancellor



Certificate distribution by Shri Chimanbhai Sapariya, Hon. Agriculture Minister, GoG

The first certificate distribution programme for the students of five polytechnics viz., Agriculture, Horticulture, Agril. Engineering and Food Science and Home Economics of Anand Agricultural University was organized on 24 August 2017. Shri. Chimanbhai Sapariya, Hon. Minister, Agriculture, Farmers Welfare & Energy, GoG was the Chief guest of this ceremony. The Programme was started with lightning of lamp in the presence of Shri. Chimanbhai Sapariya, Hon. Minister and all other dignitaries. All the dignitaries, staff members, students, parents as well as press and media persons were welcomed by Dr. M. N. Brahmbhatt, Registrar, AAU, Anand. The meritorious students of Agriculture and Horticulture faculties were awarded with Gold Plated Silver Medals. Shri Chimanbhai Sapariya, highlighted various opportunities for students after completion of their study in the state and also blessed the students for their bright future. Shri B. M. Modi, Director of Agriculture, Gujarat State also distributed the certificates to the students and also motivated them for their future life. Dr. N. C. Patel, Hon. VC, AAU addressed the students and wished them further progress in their career. The programme was ended with vote of thanks by Dr. K. P. Patel, Principal & Dean, B. A. College of Agriculture, AAU, Anand.



Release of Book during certificate distribution programme of all the polytechnics of AAU



Release of Report during Annual Review Meeting of Outreach Project on Methane by Dr. N.C. Patel, Hon. VC, AAU

Methane is one of the potent green house gases and ruminant animals contribute to 50% of total methane produced in our country. For mitigation of methane production in ruminant animals, ICAR has started outreach project on methane at various centers in the country under leadership of National Institute of Animal Nutrition & Physiology (NIANP), Bangalore. One of the centers is at Animal Nutrition Research Department, College of Veterinary Science & AH, AAU, Anand under the guidance and supervision of Dr. P. R. Pandya, Research Scientist & Head. The annual review meeting of the project for the year 2016-17 was held at AAU, Anand on 11 July 2017. Dr. B. Prakash, ADG (Animal Science) ICAR; Dr. Raghvendra Bhatta, Director, NIANP, Bangalore and Principal Investigators of all the centers attended the meeting. In the inaugural session, Director of Research, AAU, Dr. K. B. Kathiria warmly welcomed the dignitaries and highlighted the work done by Anand Center. Dr. Bhatta highlighted the genesis of the project and gave brief account of over all work done so far. Dr. B. Prakash expressed gratitude for organizing annual review meeting at Anand and gave remarks on the work done and emphasized all the centers to carry out long term experiments on growing and lactating animals. After releasing the progress report of all the centers, Dr. N. C. Patel, Hon. VC, in his remarks, emphasized the importance of the project in context to natural calamities the world is facing due to climate change. He informed the house that more than 100 samples of feeds and fodder have been evaluated for *in vitro* methane production potential. Legume straw based Total Mixed Ration has been developed by AAU center which reduces methane production by 10 to 15% in cattle as well as in buffalo. He also opined that the scientists should come out with cost effective and farmer friendly



technology to mitigate methane production in the rumen. Dr. A. M. Thaker, Principal & Dean, College of Veterinary Science & AH, AAU, Anand proposed vote of thanks.

#### NATIONAL TECHNICAL FESTIVAL ON FOOD PROCESSING ADROIT 17 AT AAU, ANAND



Inauguration of ADROIT-17 at FPT&BE College, AAU, Anand

College of Food Processing Technology and Bio-Energy, Anand Agricultural University, Anand organized two days National Technical Festival on Food Processing 'ADROIT 17' on 26-27 September 2017 in collaboration with Association of Food Scientists & Technologists (AFSTI), Vallabh Vidyanagar Chapter and Food and Drugs Control Administration (FDCA), Gujarat.

More than 700 students from 23 Food technology institutions participated in all the events of this Tech Fest to showcase their professional competence and competed to win prizes and bring reverences to their institution.

This year, 8 Food Technology Institutions were given a chance to be a part in organizing our National Technical event by being 'Partner Institutions' like AKS University, A.D. Patel Institute of Technology, Andhra Loyola College, MIT College of Food Technology, Lady Irwin College, Bhaskaracharya College of Applied Science, University of Delhi, College of Dairy and Food Science Technology, Maharana Pratap University of Agriculture & Technology, College of Food Technology, Thane.

The function was inaugurated by Hon. VC of AAU, Dr. N. C. Patel in presence of Chief Guest Dr. N. S. Rathore, Deputy

Director General (Agricultural Education), ICAR, New Delhi, Guests of Honor Dr. K. B. Kathiria, DR, AAU and Dr. S. H. Akbari, DSW, AAU, Anand.



#### 11<sup>TH</sup> ANNUAL NATIONAL LEVEL WORKSHOP ON PESTICIDE RESIDUES AT AAU, ANAND



Release of booklet by Dr. N.C. Patel, Hon. VC, AAU & Dignitaries on 11<sup>th</sup> Annual Workshop of Pesticide Residues at AAU, Anand

The 11<sup>th</sup> annual workshop on Central Sector Scheme on Monitoring of Pesticide Residues at National Level was conducted on 22 September 2017 at AINP on Pesticide Residues, Anand Agricultural University, Anand.

Total 23 NABL 17025 accredited laboratories located in different parts of the country are operational in the project. The main aspect of the project is to study the consumer level exposure of pesticide residues in different food commodities. The delegates from different states of India participated in the workshop to discuss the annual progress report on status of pesticide residues in fruits, vegetables, cereals, pulses, spices, milk and other agricultural commodities grown in the respective states. The project is sponsored by Ministry of Agriculture, Cooperation and Farmer's welfare, Govt. of India, New Delhi.

The workshop was inaugurated by Dr. N. C. Patel, Hon. VC, AAU, Anand; in presence of Sh. Ashwani Kumar, Joint Secretary (PP), DAC, Krishi Bhavan, New Delhi; Sh. Sanjay Prasad, Principal Secretary (Agriculture and Co-operation Department), Govt. of Gujarat; Dr. B. S. Phogat, Additional Plant Protection Adviser (IPM), CIPMC, Faridabad; Dr. P. K. Chakrabarty, ADG(PP), ICAR, Krishi Bhavan, New Delhi; Dr. K. K. Sharma, Member Secretary, MPRNL, IARI, New Delhi; Dr. Rajesh Malik, Director (PP), DAC, Krishi Bhavan, New Delhi; and Dr. K. B. Kathiria, Director of Research, AAU, Anand.

During the workshop, fruitful deliberation took place and it was decided to give more importance to farm-gate samples for pesticide residues. This would reflect in studying the usage pattern of pesticides by farmers. A booklet on 'Use of insecticides' written in vernacular was released during the workshop.

## STATE LEVEL BIOSAFETY CAPACITY BUILDING WORKSHOP AT AAU, ANAND



Inauguration of State Level Biosafety Capacity Building Workshop by Dr. N.C. Patel, Hon.VC, AAU and dignitaries

A State level biosafety capacity building workshop under the UNEP/GEF Supported Phase II Capacity Building Project on Biosafety was jointly organized by Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India, New Delhi; Biotech Consortium India Limited, New Delhi; Anand Agricultural University & Department of Agriculture, GoG on 13 July 2017 at AAU, Anand.

The Inaugural session was chaired by Dr. N. C. Patel, Hon.VC, AAU. Dr. R.S. Fougat, Nodal Officer of the workshop greeted all the participants. Dr. K.B. Kathiria welcomed all the dignitaries and emphasized that GMOs are very much needed to break the yield plateau in many of the crops, so as to meet the ever increasing demand of food across the globe. Dr. Vibha Ahuja, Chief General Manager, BCIL introduced the objectives of the workshop and explained in brief, the biosafety regulations in India. Dr. Qureshi, Joint Director (Agriculture) stressed the need to create awareness among farmers who are actual end users of the technology. Dr. B. Sesikaran, Chairman, RCGM in his key note address, advocated the role of State Governments in GM regulation and informed that biosafety norms in India are most stringent and GM varieties are thoroughly tested for safety assessment. Dr. N.C. Patel, Hon. VC, in his opening remarks stated that 60-70% of country's population is dependent on agriculture, so we should have a comprehensive agricultural policy, including GM crops. He also briefed about the biotechnological research being carried out at AAU.

The Expert from premier institutes of country including Dr. B. Sesikaran Chairman, RCGM; Dr. Vibha Ahuja, Chief General Manager, BCIL; Dr. Celia Chalam, Principal Scientist, NBPGR, New Delhi delivered the lectures during the

workshop. The other distinguished speakers from Gujarat included Dr. R.S. Fougat, Prof. & Head, Dept. of Agril. Biotechnology, AAU, Anand; Dr. Chandermohan Singh, DGR-ICAR, Junagadh; Dr. Rajesh Patkar, MSU, Baroda; Dr. Pradeep. K. Agarwal, CSMCRI, Bhavnagar and Dr. R.S. Tomar, JAU, Junagadh.

All the experts further informed the delegates that, biosafety regulatory framework in India is very strong and safe which ensures very rigorous process for monitoring and approval of GMOs in the country and GM crop varieties are as safe as their non-GM counterparts.

Nearly 120 participants attended the workshop which included scientists and teachers from Anand Agricultural University; other State Agricultural Universities of Gujarat; faculty from MSU, Baroda; SPU, V. V. Nagar; National institutes like CSMCRI, Bhavnagar; DMAPR, Boriavi; officials of State Department of Agriculture Gujarat; seed company representatives and farmers.

## STATE LEVEL TECHNICAL FESTIVAL TECH KRISH IT AT AIT, ANAND



Inauguration of A State level Technical Festival 'Tech Krish IT' by Dr. N. C. Patel, Hon. VC of AAU

A State level Technical festival 'Tech Krish IT' was hosted by College of Agricultural Information Technology on 14 September 2017, in which students from various colleges of computer science, Information technology and allied sciences across the state were invited to participate.

The Tech-Fest was based on technical events like Programming Contest, Poster Presentation, Quiz and Robo Race. 150 students from more than 20 colleges / Institutes across the state participated in various events of 'KrishIT'.

The Tech-Fest was inaugurated by Dr. N. C. Patel, Hon. VC, AAU and Dr B. C. Vaidya, Professor of JNU, Delhi. The guests of honour were Dr. Arun Patel, DEE, Dr. S.H. Akbari, DSW, Dr. D. R. Kathiriyai, Dean & Principal, Faculty of AIT, Dr. M. N. Bhrambhath, Registrar, Dr. K. P. Patel, Dean &





Principal, Faculty of Agriculture, Dr. D. C. Joshi, Dean & Principal of Faculty of FPT and Dr. J. B. Prajapati, Dean & Principal, SMC College

of Dairy Science. After the inauguration, they visited events viz. Programming Contest, Poster Presentation, Quiz and Robo Race and blessed participants for their success. Total 61 students from various colleges participated in Poster presentation.

Six Robo of seven colleges/institutions competed on a track prepared by College of AIT. For first position, there was a tie between robot of SPEC and GCET College whereas second position was secured by robot of college of AIT. Total 19 teams from 9 colleges/institutions participated in Programming contest. First and second positions were secured by teams of College of Agricultural Information Technology in Quiz competition, the team from B. P. College of BCA from Kadi Sarva Vishvavidyalaya secured first position and the team from International Agribusiness Management Institute, Anand stood second. The winners and runners up were awarded cash prizes, gifts and certificates.

#### 14<sup>TH</sup> NATIONAL DAIRY PRODUCTS JUDGING CONTEST AT AAU



The 14<sup>th</sup> National Dairy Products Judging Contest was organized at SMC College of Dairy Science, AAU, Anand on 7 September 2017. The contest was sponsored by

Gujarat Milk Marketing Federation Ltd, Anand. Fourteen teams from dairy industries and nine teams from academic institutes participated in the judging contest. Three different products namely milk, paneer and sweetened condensed milk were offered for judging. Amongst the participants from industries GCMF Ltd., Anand secured first position. Dudhsagar Dairy, Mehsana and Sumul Dairy, Surat secured second and third position, respectively. SMC College of Dairy Science, AAU, Anand was ranked first among all contestants from academic institutes. College of Dairy Technology, SVVU, Tirupati stood second and Mansinhbhai Institute of Dairy and Food Technology (MIDFT), Mehsana

occupied third position. Ms. Anush Siby, Dudhsagar Dairy, Mehsana and Ms. Zeel S. Modi, from SMC College of Dairy Science, AAU, Anand both received first prize under individual category from industry and academia.

#### 10<sup>TH</sup> NATIONAL DAIRY AND FOOD QUIZ CONTEST AT MILK CITY, ANAND



SMC College of Dairy Science and its Alumni Association, AAU, Anand jointly organized 10<sup>th</sup> National Dairy and Food Quiz Contest on 8 September, 2017. The

event was sponsored by Amul Dairy, Anand. The event registered a total of 20 teams, 12 from industry and 8 from academic institutes. ICAR-National Dairy Research Institute, Karnal, secured first prize, while second and third prize were awarded to National Dairy Development Board (NDDB), Anand and Adare Food Ingredients, Pvt., Ltd. respectively. The appreciation prize was presented to Amul Fed Dairy, Gandhinagar.

#### QRT MEETING AT MMRS, AAU, GODHRA



Quinquennial Review Team Meeting at MMRS, AAU, Godhra

Quinquennial Review Team (QRT) visited Main Maize Research Station, AAU, Godhra for review and assessment of last five years research activities carried out in maize of Zone-V (Gujarat, Madhya Pradesh and Rajasthan) on 19-20 July 2017. ICAR constituted this high power committee under the chairmanship of Prof. S. K. Datta, Former DDG (Crop Science), ICAR. The members of QRT were Dr. Sain Dass, former Project Director (Maize); Dr. I.P.S. Ahlawat; Dr. A.K.Sharma and Dr. K. Srinivas. Dr. Sujay Rakshit, Director, Indian Institute of Maize Research, Ludhiana also accompanied the QRT. Over all 25 scientists from different Research Stations of Zone-V participated in this meeting. Dr. K.B. Kathiria, DR and Dr. H.R. Patel, ADR, AAU, Anand

also joined the QRT team and informed about the status of maize in Gujarat. Dr. M.B.Patel, Asso. Res. Sci., MMRS, AAU, Godhra presented the station progress report for the period of 2011 to 2016.

The interface meeting was organized on 20 July 2017 with starch and distillery industries to discuss the need of maize industry and challenges faced by them. The representatives from Sayaji Maize Products, Ahmedabad; Roquette Ridhdi Sidhdi, Ahmedabad and Tata foundation, Dahod participated in meeting and discussed about problems in maize procurement and basic needs of maize for industrial purpose. The Director, IIMR, Ludhiana suggested key points for future research needs in maize for industrial purpose. At the completion of the session, Dr. S.L. Jat, Member Secretary, QRT ended the meeting with vote of thanks.

### CONVERGENCE INTERFACE MEETING BETWEEN AGRICULTURAL RESEARCH AND EXTENSION AT AAU, ANAND



Dr. N.C. Patel, Hon. VC, AAU addressing during Convergence Interface Meeting at AAU, Anand

The Directorate of Extension Education, AAU, Anand organized 'Convergence Interface Meeting Between Agricultural Research and Extension' on 5 September 2017 at Yagyavalkya Hall, AAU, Anand under Chairmanship of Dr. N. C. Patel, Hon. VC, AAU. Project Directors, ATMA, Heads of KVKs, District Nodal Scientists as well as Officers of Horticulture and Animal Husbandry Dept. participated in the meeting. The Hon. VC, while addressing the house, stressed upon need to find solution of various problems faced by farmers viz, malformation in mango and nematode damage in various crops. He also highlighted the importance of new technologies and researchable issues in agriculture. All the



Project Directors of 9 districts of middle Gujarat made presentations on progress report and plan work for the rest of year. Dr. Arun Patel, DEE, AAU made some valuable suggestions to improve the performance.

### THE NATIONAL CONVENTION ON DIGITAL INITIATIVES AT VIGYAN BHAVAN, NEW DELHI



Dr. N.C. Patel, Hon. VC, AAU briefing about the Digital Initiative to University Officers of AAU at Anand

The National Convention on Digital Initiatives in Higher Education was organized by Ministry of Human Resource Development, Government of India during 8-10 July 2017 at Vigyan Bhavan, New Delhi. The said National Convention was attended by Dr. N. C. Patel, Hon. VC during 9-10 July 2017. Various digital initiatives of Government of India like SWAYAM Platform, SWAYAM Prabha, National Digital Library and National Academic Depository were launched during the Convention to promote the digital initiatives in Higher Education. In view of this, Hon. VC appraised the University Officers on 4 August 2017. He briefed about importance of the Digital Initiatives emphasized by the Government of India. He also presented documentary video of new Initiatives on educational system received during the convention.

### INPUT DEALER CERTIFICATE DISTRIBUTION PROGRAMME AT SPAEM AT AAU, ANAND



Input Dealer Certificate Distribution (1<sup>st</sup> Batch- 2016-17) programme was held at Sardar Patel Agricultural Educational Museum on 9 September 2017. Dr. N.C. Patel, Hon. VC, AAU addressed the input dealers and distributed the certificates. He motivated the input dealers for serve the farming community.



## CELEBRATION OF 71<sup>ST</sup> INDEPENDENCE DAY AT AAU, ANAND



Dr. N.C. Patel Hon. VC, AAU Addressing on Independence Day Celebration

Anand Agricultural University celebrated 71<sup>st</sup> Independence Day at University Bhavan. All university officers, staff, students of different faculties and family members remained present to grace this yearly celebration. Dr. N. C. Patel, Hon. VC hoisted the flag and addressed the gathering. National Anthem 'Jan Gan Man' and National Flag Anthem 'Zanda Uncha Rahe Hamara' were sung at the end.



## AAU AWARDED FOR 'KRUSHIGOVIDYA' FARM MAGAZINE



Bharatmata Temple, Sanand; Samanvay Parivar, Gujarat and Lokseva Trust, Ahmedabad jointly organized its ninth 'Samanvay-Shabda Chetana Gaurav Sanman' programme at 'Sanskardham', Village Manipur, Ta.Sanand, Dist. Ahmedabad to honour the

Editor/ Trust/ Organization continuously publishing a magazine for more than 50 years to radiate/disseminate truth, culture, consciousness and awareness among the human societies.

The Cabinet Minister of Revenue and Education, Gujarat State, Hon. Shri Bhupendrasinhji Chudasama; Swamishri Adhyatmanandji, Shivanand Ashram Amdavad; Shri Shivanandgiriji; Sadhwishri Suryadevi, Gayatri Temple, Sanand; Shri P.K. Laheri, Ex-Chief Secretary; Shri R.K. Shah; Padmashri recipient; Shri Kumarpal Desai, Shri Vishnubhai Pandya as well as social workers; Shri



Dr. N. V. Soni, Editor, 'Krushigovidya' and Dr. V. R. Boghra, ADEE, AAU received the Award from Cabinet Minister of GoG

Pankajbhai Modi; Bhimjibhai Nakrani remained present and graced the occasion.

The Shabda Chetana Gaurav Sanman Award and Cash Prize of ₹ 5100/- was received by the Editor Dr. N.V. Soni and Associate Director of Extension Education, Dr. V. R. Boghra on behalf of Hon. Vice Chancellor of Anand Agricultural University, Anand, from Hon. Shri Bhupendrasinhji Chudasama in recognition of publishing a monthly farm magazine 'Krushigovidya' continuously for 70 years.

## APPRECIATION CERTIFICATE TO PG RESEARCH BY GOG

Gujarat Knowledge Society and Student Innovation Fund appreciated Dr. Deepak G. Panpatte's Research project entitled, 'Efficacy of Native PGPR consortium and fortified consortium formulations by phytoextracts for management of soil borne disease complex with special emphasis on root knot nematode in cucumber' and felicitated with a certificate of appreciation in Technological Innovation Summer Innovation Challenge on 26 September 2017 at Mahatma Mandir, Gandhinagar.

## PG RESEARCH

Five plant growth promoting endophytic bacteria of medicinal and aromatic plants viz. ginger, musli, turmeric, guduchi, ashwagandha and 16 S rRNA gene sequences were submitted by Dept. of Agril. Microbiology, AAU, Anand and published at NCBI, USA as listed below.

Native PGP Bacteria		Accn. No.
<i>Bacillus tequilensis</i> strain	AAU K1	MF034733
<i>Bacillus endophyticus</i> strain	AAU K2	MF034734
<i>Beijerinckia fluminensis</i>	AAU K3	MF034735
<i>Bacillus safensis</i> strain	AAU K4	MF034736
<i>Pseudomonas aeruginosa</i>	AAU K5	MF034737

## VISIT OF JOINT INDIA-SOUTH AFRICA DELEGATION TO AAU, ANAND



Dr. N.C. Patel Hon. VC, AAU with India - South Africa Delegation

Joint India-South Africa Delegation visited Anand Agricultural University, Anand on 12 July 2017 for discussing possible bilateral cooperation in the field of agricultural education and research between South Africa and India. The South African delegation comprised of Mr. Daan Du Toit, Dy. Director General, International Cooperation and Resources, DST, SA; Ms. Punkah Mdaka, Overseas Bilateral cooperation (Asia and Americas) DST, SA; Mr. Kagiso Moloto, Asst. Director, Overseas Bilateral Cooperation, SA; and Ms. Nombuso Madonda, Professional Officer, International Relations and Cooperation, NRF, SA. The Indian delegation who accompanied them was led by Dr. Vipin Kumar, Director, National Innovation Foundation (NIF) – India, Ahmedabad; Dr. Naman Upadhyay, Representative from Ministry of External Affairs, New Delhi; Dr. Sulakshana Jain, Scientist D, DST, New Delhi; and Dr. Naushad Parvez, Fellow, NIF. An interaction meeting was held with the Hon. VC, Dr. N.C. Patel; DR, Dr. K.B. Kathiria; DEE, Dr. Arun Patel, and all other University Officers and all the Deans of AAU. Dr. R.S. Pundir, Prof. & Head, Dept. of Agribusiness Economics and Policies, IABMI, AAU, Anand made a brief presentation about various educational, research and extension activities of AAU and highlighted significant achievements made by the University. Dr. N.C. Patel, Hon. VC, AAU, welcomed all the dignitaries and briefed them about the salient achievements of AAU. He highlighted the significance of scope of generating employment through formation of mutual cooperation between Universities of S. Africa and AAU. Mr. Daan asserted that they wished to strengthen the cooperation between the two countries in the fields of Science and Technology, Research and innovation. Agriculture is an important sector of South African economy, as is the case

with India. He wanted his team to identify new opportunity in formulating possible exchange program between the two Universities for students as well as staff. Dr. Vipin Kumar lauded the prompt response given by AAU for holding the visit of the South African delegation. He was highly impressed by learning that Vidya Dairy, Anand was managed by the final year B.Tech. (Dairy Tech.) students. He reminded our Hon. Prime Minister's visit to South Africa laying emphasis on 'Grass root innovation'. Dr. Sulakshana Jain asserted that DST will take active participation in collaborative research between the two countries in the arena of Agriculture biotechnology. The delegation was highly impressed by the educational system and allied activities being carried out at AAU, Anand.

A plenary session was held at Conference hall of Veterinary College, AAU, Anand chaired by Hon. VC, AAU, who expressed that Dr. Daan looked highly satisfied with his visit to AAU. He assured that AAU can render support to South African Universities in specific areas such as developing bio-fertilizers based on microbes, soil testing, rainwater harvesting, micro-irrigation, devising farm machineries, use of renewable energy, germ plasm exchange etc. Hon. VC also asserted about venturing into collaborative research and possible exchange program for the students and staff. Dr. Daan praised the fact that Hon. VC himself mobilized his time to spend the entire day with them. He was also highly impressed by the extension activities of AAU in which the research done in the lab are made available at the farm level. Dr. Vipin Kumar profusely thanked the officials of AAU for the time spent by them. He was especially impressed by the students' involvement at Vidya Dairy, Anand. Dr. Sulakshana opined that the AAU units seemed highly professional. She wished to support future action plan of the delegation with the Ministry of Agriculture, DST etc.

## VISIT OF DR. RAM KHARCHI, VICE CHAIRMAN, MAHARASHTRA COUNCIL OF AGRICULTURE EDUCATION & RESEARCH, PUNE TO AAU



Dr. Ram Kharche, Vice Chairman, Maharashtra Council of Agriculture Education & Research, Pune along with Dr. D.B. Patil, DR, Kamdhenu University, Gandhinagar visited Anand



Agricultural University, Anand on 4 July 2017. They had an interaction meeting with the Director of Research, Dr. K.B. Kathiria, the University Officers of AAU, and all the Deans which was followed by discussion on various areas such as streamlining of Polytechnic diploma programmes at Maharashtra, similar to the one operating at AAU, Anand and mode of conduct of examination pattern at AAU. They visited Sardar Patel Agril. Educational Museum, Biofertilizer Unit, Tissue Culture Laboratory, Pesticide Residue Laboratory and Vidya Dairy.

### HON. VC, AAU VISITED SOLAR POWER PROJECT AT AMROL



Dr. N. C. Patel, Hon. VC, AAU & Dr. K. B. Kathiriya, DR, AAU Visited Solar Power Project, Amrol

A research project 'Providing expert services regarding agriculture crops / fodder in setting up of 1 MW Grid connected distribution Solar PV Pilot Project' is implemented at Amrol Village, Ta. Anklav, Dist. Anand. Dr. N. C. Patel, Hon. VC, AAU, Sh. Ashwani Kumar, Joint Secretary (PP) and Sh. Rajesh Malik, Director (PP), Plant Protection Division, Ministry of Agriculture and Farmers Welfare, Dept. of Agriculture, Cooperation & Farmers Welfare, GoI, Krishi Bhavan, New Delhi and Dr. K. B. Kathiria, DR, AAU along with officials of GoI visited the project site on 23 September 2017. They were impressed by the research activities carried out at the project site.

### DISTINGUISHED VISITORS

- Col. Akshaya Kumar Yadav, Colonels Academy Katihar, Sirsa, Bihar visited Dept. of Agri. Microbiology and biofertilizer production unit on 5 July 2017.



- Dr. P. K. Agrawal, Assistant Director General, NASF, ICAR, visited on 1 September 2017 and appreciated the work done at Dept. of Agri. Microbiology and

commented that such endeavors would be the need to strengthen the farmers.

- Dr. Amarnath Thakur, Deputy Executive Director at Indian National Science Academy (INSA), New Delhi, India, visited Bio-fertilizer Unit on 14 August 2017.
- Dr. V. K. Garg, Sr. Scientist & Head, KVK, Randheja, Gandhinagar visited Dept. of Agri. Microbiology and Biofertilizer production unit on 20 September 2017 and showed much interest in biofertilizer product and suggested to develop more microbial products for farmers.
- Ashwani Kumar, Joint Secretary Ministry of Agriculture & Farmer's Welfare, Krishi Bhavan, New Delhi visited Bio-fertilizer Unit on 22 September 2017 and was impressed with low cost biofertilizer products having potential to improve agriculture productivity.



- Dr. P. N. Mathur, former DDG (Agri. Extension), ICAR, New Delhi and Dr V. V. Sadamate, Pune visited Biofertilizers project on 25 September 2017 and appreciated

LBF products for farmers having commercial importance to enhance agricultural production and productivity.

### SANKALP SE SIDHDHI PROGRAMME AT KVK, AHMEDABAD

'Sankalp Se Sidhdhi' programme was organised by KVK, Arnej on 25 August 2017 at Sardar Patel Municipality Hall, Dholka in which 700 farmers participated. Shri Bhupendrasinh Chudasama, Education Minister, GoG was the Chief guest of the programme. He motivated through his speech the farmers for doubling their income. Dr. N.C. Patel,



Inauguration of Sankalp Se Sidhhi programme by Hon. Cabinet Minister Shri Bhupendrasinh Chudasama; Hon. VC., AAU, Dr. N.C. Patel & Dignitaries at Dholka

Hon. VC, AAU presided over the function and advised the farmers to adopt agricultural technology for their betterment.

### MAHILA PASHUPALAK GAURAV DIN AT VETERINARY COLLEGE, AAU, ANAND



Mahila Pashupalak Gaurav Din was celebrated on 6 September 2017 at Veterinary College, AAU, Anand under the aegis of 'Mahila Pashupalan Talim Yojna' operational at

R.B.R.Unit, with financial support of GCMMF, Anand. Dr. N.C.Patel, Hon. VC of AAU was the president of the function, Shri. R.S.Sodhi, Managing Director of GCMMF, was the Chief Guest and Dr. Arun Patel, DEE was the Guest of Honor. Dr. A.M.Thaker, Dean/Principal, Veterinary College, Anand and Dr. Ankita Killedar, Research Scientist & Head had organized the function.

Total 242 training programmes have been conducted with a total involvement of 6127 farm women. Among them, 73 women who adopted dairy farming as successful and profitable entrepreneurship on large scale were felicitated. Success stories of these women were compiled and released as 'Dudh Ganga' and 'Smarnika' (Photo Album) during the function.

### PARTHENIUM AWARENESS PROGRAMME AT AAU

- The Parthenium Awareness Programme was organized on 11 August 2017 at Sheth M. C. Polytechnic in Agriculture in collaboration with AICRP on Weed Management, AAU, Anand. Prof. D. D. Chaudhary gave brief information about the parthenium. Dr. B. D. Patel

explained about weeds, their importance and strategy to control weeds by interacting with students. Dr. V. J. Patel mentioned various ways to eradicate this noxious weed and future needs regarding an awareness of parthenium. He also appealed to the students to create an awareness about parthenium in their villages, hospitals, schools and gram panchayats to control the weed. Booklets and folders regarding parthenium were also distributed among the students.



- Krishi Vigyan Kendra, Arnej celebrated Parthenium Awareness Week during 16-22 August 2017 during which on and off campus training programmes

were arranged for farmers for creating awareness about hazardous effect of parthenium weed. About 500 farmers were sensitized about parthenium weed and its control measures.

### TRAINING PROGRAMME ON QUALITY SEED PRODUCTION IN PADDY AT RRS, AAU, ANAND



Under the aegis of ICAR sponsored Seed Project, one day off-campus training programme on Quality Seed Production in Paddy was organized by

Regional Research Station, AAU, Anand on 12 September 2017 at village Kanisa, Ta. Khambhat. A large number of Seed Producing progressive farmers participated in the programme. Dr. H. R. Patel, ADR, AAU, Anand presided over the function and briefed the farmers about importance of quality seed. Dr. A. D. Patel, Nodal Officer (Seed) & Res. Sci., RRS, AAU, Anand informed the farmers about objective of the scheme and efforts being made by the University for Increasing availability of quality seed. Asstt. Director of Agriculture, Dr. M. B. Parmar, Dr. M. P. Patel, and Prof. J. S. Doshi, delivered lectures related to Quality Seed Production and Processing.



## TRAINING PROGRAMME ON APICULTURE AT ARS, SANSOLI



Training programme on 'Apiculture' was organised at Farm Technology Training Centre-Nenpur with collaboration of Agricultural Technology Management Agency

(ATMA), Kheda on 19 August 2017. Total 49 farmers from different villages of Kheda district participated in the said programme. Dr. M. R. Patel (Retd. Assistant Director of Animal Husbandry) presided over the function. Sh. Ajitsinh (BTM, ATMA-Mahemdavad) and other members of ATMA remained present and emphasized on importance, economical aspects, health benefits, medicinal, aromatic, and ayurvedic uses and subsidized schemes of government concerned to apiculture.

## TRAINING PROGRAMME UNDER THE NMOOP SCHEME AT FTTC SANSOLI-NENPUR



Ministry of Agriculture, Gol sponsored Training Programme on 'Cropping Practices of Important Oilseed Crops' was organized at Farm Technology Training Centre,

ARS, AAU, Sansoli-Nenpur in collaboration with Dept. of Agriculture, Mahemdavad (Kheda) as a part of 'National Mission on Oilseeds and Oil palm (NMOOP)' during 25-28 July 2017. Total 60 farmers of different villages of Mahemdavad Taluka participated.

## TRAINING ON LIVESTOCK REARING AT PSK, RAMNA MUVADA



A one day training programme on Pashupalan was organized on 8 September 2017 in collaboration with ATMA project, Thasra at Pashupalan Sanshodhan

Kendra, Ramna Muvada.

Dr. V.P. Belsare, Research Scientist & Head, Pashupalan Sanshodhan Kendra, Ramna Muvada, welcomed the farmers and discussed on how to get optimum profit from animal husbandry. Dr. J.A. Patel, Professor, Dept. of Gynaecology, gave information about the economic losses due to reproductive disorders in animals. Dr. C.P. Parmar,

ARS gave information on importance of housing and explained the benefits of various types of shade and importance of maintenance of various records for optimizing profit from livestock. Twenty two women participants from Kapadvanj taluka enthusiastically participated.

## ONE DAY FARMERS TRAINING AT CAET, AAU, GODHRA



Dept. of Renewable Energy Engineering, College of Agricultural Engineering & Technology, Godhra organized one day farmers training and demonstration

programme entitled '*Gobar gasni upyogita ane tenu mahatva*' under Advanced Centre for Research and Trainers Training on agricultural engineering based intervention funded by GoG on 15 September 2017.

## KHEDUT SHIBIR AT NIRP, AAU, KHANDHA

One day Khedut shibir was organized on 18 September 2017 to create awareness about integrated management of pink bollworm in cotton among farmers community. Total 33 farmers participated.



## FARMER'S SCIENTIST INTERACTION MEETING AT KVK, AHMEDABAD



Krishi Vigyan Kendra, Arnej (Dist. Ahmedabad) organized Farmer's Scientist Interaction on 21 September 2017. Dr. J. K. Patel, Sr. Scientist & Head, KVK, AAU,

Arnej delivered a lecture on advantages of different improved varieties of gram released for Bhal region. During the interaction, various queries of farmer's regarding production and value addition of different crops were discussed and resolved by scientists of KVK.

## 50TH BATCH VALEDICTORY FUNCTION AT VETERINARY COLLEGE, AAU, ANAND



Valedictory function of 50<sup>th</sup> Batch of Veterinary College, AAU, Anand

Valedictory function of 50<sup>th</sup> Batch of outgoing students was arranged on 20 July 2017 in Kapila Teaching Complex, Veterinary College AAU, Anand.

Dr. A. M. Thaker, The Dean of the Veterinary faculty welcomed the gathering and briefed about current and revised system of Veterinary Education as per Veterinary Council of India, New Delhi. From the outgoing batch, six students got admitted at National level Research & Academic Institutes like IVRI, Izatnagar (U.P.) NDRI, Karnal (Haryana), Veterinary College, Nagpur as well as Assam State, while during the Placement through campus interview, 32 candidates were placed for job in various sectors and 34 opted for PG studies.

Dr. N.C. Patel, Hon. VC, AAU, presided over the function. Sixty Six outgoing graduates were administered the 'Veterinarian's Oath' by Dr.K. R. Trivedi, the Chief guest of the function and co-ordinator NDDB, Anand. He addressed the students by alerting them about the prevailing scenario and the challenges in their professional career.

Dr. N.C. Patel advised the graduates to come out of the traditional system of employment and to start their own veterinary clinics. Dr.K.B. Kathiria, Guest of Honor & DR explained about opportunities for higher studies to shape their bright career.

## TRAINING ON GOAT REARING AT PSK, RAMNA MUVADA

Two one day training programs were organized on the subject of goat rearing at Pashupalan Sanshodhan Kendra, Ramna Muvada in collaboration with ATMA project, Thasara. Dr. V.P. Belsare, Res. Sci. & Head, PSK, welcomed the farmers and gave a systematic understanding of raising goats. Dr. P.V. Patel, Prof. of Parasitology, Dr. C.J. Dave Prof. of Pathology, Dr. P.R. Pandya, Res. Sci. & Head, Animal



Nutrition Research Station and Dr. C.P. Parmar, Asst. Res. Sci., PSK gave brief information about various aspects of goat rearing On behalf of United

India Insurance Company Limited, Kheda, Vasu Sonwane, Manager, gave information about the benefits of insurance for Goat. Twenty farmers of the village Lal Mandwa and 33 farmers of village Devadi Pavadi participated on 6 & 7 September 2017, respectively.

## KISAN GOSHTHI AT KGSK, AAU, MINAWADA

Kisan Goshthi on silage making in bags was jointly organized by ATMA Project, Thasara and Kapila Gau Sanshodhan Kendra, Minawada on 20 September 2017 at



Minawada. Dr. V. P. Belsare, Res. Sci. & Head, KGSK, welcomed the farmers.

Dr. Safi Vhora, Asso. Res. Sci., ANRS, gave information about importance of nutrients in animal feeding and the benefits of silage feeding. Dr. C. P. Parmar gave the demonstration for making silage in bags from green fodder. At the end of the Kisan Goshthi, Dr. R. F. Solanki, the Project Director expressed his gratitude to the farmers by explaining the importance of the information given on Silage making in bags. Total 100 farmers of Mahudha taluka participated enthusiastically.

## NATIONAL NUTRITION WEEK CELEBRATION AT KVK, AHMEDABAD



Krishi Vigyan Kendra, Arnej organized a training programme for women during 1-7 September 2017 as a part of National Nutrition Week celebration. The information regarding

health, agriculture and livestock management was given to the farm women.



## TRAINING ON ORGANIC FARMING AT BACA, AAU ANAND



Inauguration of Organic Farming Training by Dr. N. C. Patel, Hon. VC, AAU

Training Programme on Organic Farming was organized by Regional Centre of Organic Farming (GIO), Nagpur for creating awareness amongst young and budding agricultural students in collaboration with Dept. of Microbiology, AAU, Anand during 1-2 August 2017. The programme was inaugurated by Hon. VC, AAU, Dr. N. C. Patel in the august presence of distinguished persons like Director RCOF, Dr. A S Rajput; DR, Dr. K. B. Kathiria, DEE, Dr. Arun Patel, Dean Faculty of Agriculture, Dr. K. P. Patel, Chairman Bagayat Vikas Parisad, Dr. K. P. Kikani and Dr R. V. Vyas, Prof. & Head, Microbiology Dept. of BACA, AAU, Anand.

## ANIMAL HEALTH CAMP ORGANIZED BY KVK, ARNEJ



Krishi Vigyan Kendra Arnej organized three animal health camps at Ambaliyara (13 July 2017), Bhurkhi (11 August 2017) and Gundi (2 September 2017) villages of Dholka taluka in

collaboration with Animal Husbandary Dept. Total 139 farmers got benefitted and 961 animals were treated in the camps.

## MAHILA KRISHI DIVAS CELEBRATED AT AAU



*Mahila Krishi Divas* was celebrated on 6 August 2017 by Agricultural Research Station, Sansoli-Nenpur as a part



of Women Empowerment Fortnight Celebration as declared by Government of Gujarat. Different activities concerned to

Women Empowerment were carried out by the centre on 6 August, 2017. Total 59 women participants from Kheda and Mahemdavad taluka took part.

- Krishi Vigyan Kendra, Arnej celebrated *Mahila Krushi Divas* on 6 August 2017 as a part of Women Empowerment programme. Motivational and



technical sessions were organized for promoting skill development programs with special reference to small scale business like bakery and livestock keeping. Total 85 women participated from Simej, Jakhada, Koth and Dholi villages of Dholka taluka of Ahmedabad district.

## TRAINING PROGRAMME AT SSK, AAU, ANAND



- One day training programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for Teachers' Group of Eco Club (District

Educational and Training Centre, Valasan Dist : Anand on 19 July 2017.



- Four day interstate training programme was organized at Sardar Smruti Kendra, DoEE, AAU, Anand for Farmers Group of CARD, New Delhi during 12 -15 September, 2017.

- Five different Training Programmes of 2-3 days duration for Farm Women group and Farmers' Group of ATMA Project from Amreli, Lakhpat (Dist : Kuchchh), Gir Somnath, Gandhinagar and Porbandar were organized at Sardar Smruti Kendra, DoEE during July and August 2017.





### FARMERS VISIT AT SSK, AAU, ANAND



- A group of farmers from ATMA Project, Dist – Thiruvavur (Tamilnadu) visited Sardar Smruti Kendra & Sardar Patel Agricultural Educational Museum on 1 July 2017.

- A group of farm women from ATMA Project, Vyara visited Sardar Smruti Kendra & Sardar Patel Agricultural Educational Museum on 23 August, 2017.



- A farmers group of ATMA Project, Kukshi (M.P. ☺), visited Sardar Smruti Kendra & Sardar Patel Agricultural Educational Museum, on 26 September 2017

### ORIENTATION PROGRAMME FOR PG STUDENTS AT DAIRY SCIENCE COLLEGE, AAU, ANAND



An orientation programme for PG students of SMC College of Dairy Science was organized on Saturday, 16 September, 2017 in Dr. Radhakrishnan auditorium of the college.

The programme was chaired by DR & Dean, PG Studies, Dr. K.B. Kathiria. Dr. M. K. Jhala made presentation about P.G. Rules and measures for improving P.G. Programme. All the P.G. students and faculty members attended the programme.

### ORIENTATION PROGRAMME AT POLYTECHNIC IN AGRICULTURE AT AAU, ANAND



An Orientation Programme for newly admitted students was organized at Sheth M.C. Polytechnic in Agriculture, AAU on 18 August 2017. Newly admitted students and their parents were made

familiar with hostel rules & regulations, discipline rules and academic rules by Mr. B. G. Choudhary, Agri. Officer; Smt. S. J. Savadhariya, Agri. Officer and Dr. H. B. Shakya, Asst. Prof., respectively.

### COUNSELLING SEMINAR AT HORTICULTURE COLLEGE, AAU, ANAND



For preparation of different competitive examinations such as UPSC, GPSC, IBPS, a lecture based seminar was organized by College of Horticulture, AAU, Anand for the 5<sup>th</sup> and

7<sup>th</sup> semester students. The lecture was delivered by Shri Chirag Patel, Director of Dhyey Career Academy. Total 90 students and staff of the college remained present.

### TEACHERS' DAY CELEBRATION AT IABMI, AAU, ANAND



Teachers' day was celebrated by the students of International Agribusiness Management Institute on 5 September 2017. On this occasion, students conducted the classes during

the morning hours and arranged informal gathering to reverberate their teachers in the afternoon. Students also entertained the faculties through different management games and arranged a musical chair competition for the faculties.

### UNIVERSITY LEVEL ELOCUTION AND ESSAY COMPETITION AT IABMI, AAU

Department of Education, Gujarat Government decided to arrange debate competition at college, university and state level on 'Khadi for Nation & Khadi for Fashion' and decided to arrange debate as well as essay competition on 'Vaishnavjan to tene re kahie' and 'Manushya tu bada mahan hai'. The University level competition was held at IABMI,





AAU, Anand during August 2017, in which 13 students in debate competition and 12 students in essay competition participated. Dr. B. D. Bhatt, retired Prof., Dr. M. M.

Trivedi, Prof., AAU and Mr. R. H. Gondalia, Account Officer, AAU gave their services as referees.

Under elocution competition on the topic 'Khadi for Nation & Khadi for Fashion', Mr. Varotariya Abhaya of Dairy Science College secured first position where as Miss Shivani Bhanvadia of BACA and Miss Mervana Ankita of AIT College secured second and third position respectively.

Under elocution competition on the topic '*Vaishnavjan to tene re kahie*' and '*Manushya tu bada mahan hai*', Miss Ritika Desai of FPT & BE College secured first position where as Mr. Ashwin Kalsariya of BACA and Miss Swati Patel of BACA secured second and third position respectively.

Under essay competition, Mr Parth Chotaliya of BACA college secured first position, whereas Miss Rinkal Pipaliya of Dairy Science College and Miss Ritika Desai of FPT & BE college secured second and third position respectively.

### INTER COLLEGIATE CULTURAL AND LITERARY EVENTS – 2017

Inter Collegiate Cultural and Literary Events – 2017 were organized by SMC College of Dairy Science on 29 September 2017. Dr. N.C. Patel, Hon. VC, AAU presided over the inaugural function. Dr. D.C. Joshi, Dean, College of FPT & BE, Dr. S. H. Akbari, DSW and Dr. J. B. Prajapati, Principal & Dean, SMC College of Dairy Science also graced the inaugural function. Ten colleges of Anand Agricultural University took part in various events viz. Folk Dance, Drama, Mime, Mono-Acting, Debate and Extempore. Prizes were distributed to all the winners and runner-up at the end of events.



### FIRST PRIZE IN COMPETITION AT ALL INDIA LEVEL SUMMER INTERNSHIP PROJECT CONTEST



Miss Sneha Chauhan and Mr. Jaydipkumar Dodiya, students of International Agribusiness Management Institute of AAU received first prize in all India level Summer Internship Project

Competition organized by Institute of Rural Management, Jaipur during 13-14 October 2017. Miss Sneha presented the report of a project entitled 'Market Potential, Farmer Purchasing Behaviour for Shaked (Herbicide) in Soyabean Crop in Kapadvanj Block' and Mr Jaydipkumar Dodiya presented the report on the project titled 'Impact of NABARD Sponsored Skill Development Programmes imparted by RUDSETIS/RSETIS in Kheda District'. Both received 1<sup>st</sup> Prize Certificate as well as cash prize of ₹ 21000/- each in their respective categories of competition on Agribusiness Management and Rural Development respectively.

### SMC COLLEGE BAGGED THREE AWARDS IN DUPONT NUTRISCHOLARS AWARDS 2017

DuPont Health & Nutrition organized Pan-India 'DuPont NutriScholars Awards' program to promote innovation in local and ethnic Indian foods amongst food science and technology students across Indian universities and institutes. The program confers award in 3 categories viz., (i) Best Innovation in Local Food, (ii) Most Nutritious Food Idea and (iii) Ultimate Health & Wellness Product. As a part of the program, a team from DuPont organized awareness program at SMC College of Dairy Science, Anand for the students and faculty of Dairy as well as FPT & BE on 3 August 2017.

Among the 35 teams selected from all over India, three teams from SMC College of Dairy Science got selected for the first phase awards.

Sr. No.	Project Title	Team Members	Mentor	Award Category
1	Synbiotic cooling	Zeel Modi Bhoomika Desai Krupa Shingala Jinal Chaudhary	Dr. Bhavbhuti M. Mehta	Best Innovation in Local Food
2	Development of sugar free date chhana podo cupcakes	Preeti Paul Neha Vasava Shivani R. Mishra Neha Chauhan	Dr. Suneeta V. Pinto	Best Innovation in Local Food
3	Development of fermented health drink: prohealth+ buttermilk	Kunal Manohar Gawai Mitali Makwana Deepti Suman	Dr. Sreeja V	Ultimate Health & Wellness Product

DuPont Danisco India shall provide ingredients for the project products and provide fund of ₹ 10,000/- to the mentor

of each team for the support of experiment. These products and final project proposals will be competing for phase 2 of the DuPont Nutri Scholars Award 2017.

### AAU PARTICIPATED IN NATIONAL INTEGRATION CAMP

National Integration Camp was organized during 12-18 August 2017 at Vishwakarma Government Engineering College, Ahmedabad under NSS. Engineering Students volunteers of different colleges of 13 states participated in the camp. Total 10 students of College of Agricultural Engineering & Technology, Godhra represented AAU. Students participated in Yoga, Cultural Programmes and Lecture Series. Dr. S.H. Akbari, DSW & Programme Co-ordinator, N.S.S. encouraged the students to participate in the camp.



### TALK ON CONTRIBUTION OF FREEDOM FIGHTERS IN QUIT INDIA MOVEMENT

A talk was arranged on 29 August 2017 at SMC Polytechnic in Agriculture, AAU Anand to make the students aware of the contribution of freedom fighters in Quit India Movement (1942). The programme was arranged for all the students and NSS Volunteers of SMC Polytechnic in Agriculture and Polytechnic in Food Science and Home Economics, AAU, Anand at SMC Polytechnic in Agriculture, Anand. Mr. Hareshbhai Sani, a well known speaker was invited as a guest speaker who explained the contribution of known and unknown freedom fighters in Quit India movement. Total 150 participants took part in the programme.



### TOUR OF THE STUDENTS TO SARDAR VALLABHBHAI PATEL MEMORIAL, KARAMSAD

One day guided tour of Sardar Vallabhbhai Patel Memorial; Karamsad was arranged on 22 August 2017 to acquaint the students of SMC Polytechnic in Agriculture, AAU, Anand

with the contribution of Sardar Vallabhbhai Patel for preserving integrity and his role in freedom struggle of the country. Total 91 students including staff members visited the memorial. The documentary on role of Sardar Patel and Gandhiji in freedom struggle of India was shown to the students.



### GUEST LECTURE ON LIFE SKILLS AT DAIRY SCIENCE COLLEGE, AAU, ANAND



SMC College of Dairy Science and Vidya Dairy organized a lecture of Dr. M.K. Jhala, ADR (Ani. Sc.), AAU, Anand, on 'Life Skills' on 19 September 2017 at Dr. Radhakrishnan Auditorium.

All the PG students, faculty members and Vidya dairy officers attended the program.

### THE INTERNATIONAL SUICIDE PREVENTION DAY CELEBRATION AT AGRICULTURE POLYTECHNIC, AAU, ANAND

'The International Suicide Prevention Day' was celebrated on 16 September 2017 at Sheth M.C. Polytechnic in Agriculture, AAU, Anand as per the guidelines of Knowledge



Consortium of Gujarat, Prof. Anandkumar P. Patel, Assistant Professor, Dept. of Mechanical Engineering, CHARUSAT University, Changa & Volunteers of BAPS Youth, Anand were invited as guest motivational speakers.

### ANTI - RAGGING PROGRAMME AT AGRICULTURE POLYTECHNIC, AAU, ANAND



A Programme on 'Anti - Ragging' was organized by Sheth M. C. Polytechnic in Agriculture, AAU, Anand on 16 September 2017. Different Short films



prepared by UGC regarding ragging were also shown to the students. Anti – Ragging declaration affidavits were submitted online on [www.amanmovement.org](http://www.amanmovement.org) by 85 students of the polytechnic on that day.

### SWACHH BHARAT CAMPAIGN HELD AT COLLEGE OF AGRICULTURE AND POLYTECHNIC IN AGRICULTURE, VASO



As a part of fortnightly 'thematic' drives of Swachh Bharat Campaign, a program for Pledge taking and campus cleanliness was organised during first week of August

2017 at Vaso campus of AAU. All the students of College of Agriculture and Polytechnic in Agriculture as well as all faculties had whole-heartedly participated to take the Swachh Bharat Mission forward.

### CELEBRATION OF SWACHHTA PAKHWADA AT JABUGAM COLLEGE



Under the initiative of Swachh Bharat Abhiyaan, the Ministry of Human Resource Development, New Delhi sent a call for wider participation

of colleges/universities/institutions in Swachhta Pakhwada (1-15 September, 2017). In elocution competition, total seven students participated and three out of them were awarded first and second rank. At the end of elocution contest, Dr. Sunil Patel, Principal and one of the juries Dr. Nikhil Joshi addressed the students and emphatically urged the students to inculcate the habit of cleanliness for the whole life.

### NATIONAL SERVICE SCHEME DAY AT KSKVKU, BHUJ



State Level 'National Service Scheme Day' was organized during 22-24 September 2017 at Krantiguru Shyamji Krishna Varma University, Bhuj (Kachchh). Total 12 Students

of different colleges of AAU selected by DSW Office were sent to Bhuj to participate in the Camp. Students participated in various Competitions like Essay, Elocution, Quiz, Mono Acting, Slogan Writing, Rangoli, Poster Painting etc.



### THE SECRET OF REAL EDUCATION



To create an awareness on 'The secret of real education', a religious conceptual programme was organized by BAPS at Akshar Purshottam

Chhatralay, Vallabh Vidyanagar on 2 August 2017. NSS volunteers and students of SMC Polytechnic in Agriculture, Anand participated in this programme. Pujya Brahmadarshan Swami, saint of BAPS Swaminarayan Sanstha delivered a motivational speech during the programme.

### MOUNTAINEERING BASIC ROCK CLIMBING CAMP

Basic Rock Climbing Camp for boy students of Anand Agricultural University was organized during 11-20 September 2017 at Swami Vivekananda Mountaineering Institute, Mount Abu by the DSW, AAU, Anand. Total 50 students of different colleges of AAU participated in the Basic Rock Climbing Camp.



## BLOOD DONATION CAMP AT VETERINARY COLLEGE, AAU, ANAND



The College of Veterinary Science and Animal Husbandry, AAU, Anand organized blood donation camp on 29 August 2017 under NSS.

The programme was inaugurated by Dr. S. H. Akbari, DSW, AAU in presence of Dr. A. M. Thaker Dean/Principal; Dr. R. A. Mathakiya, NSS programme officer; faculty members, NSS volunteers and other students of the college. In blood donation camp students had participated with zeal and donated 73 units of blood for the betterment of mankind.

## PHYSIOTHERAPY HEALTH CAMP AT AAU, ANAND

Anand Agricultural University and Shri Krishna Hospital, Karamsad jointly organized a Physiotherapy Camp during 13-14 July 2017 at Health Centre, AAU,



Anand. University officers, staff members, students and university residents participated in the camp. Tests and treatments for Joint Pain, Neck Pain, Paralysis, Head Injury, Polio, Osteoarthritis, Sciatica, Nerve Injury, Diabetic Neuropathy, Fracture, Sports Injury etc. were conducted by the expert doctors and their team. Total 80 patients enrolled in the camp.

## EYE CHECK UP CAMP AT AAU, ANAND



Anand Agricultural University and Sankara Eye Hospital, Mogar jointly organized Free Eye Check up Camp on 3 August 2017 at AAU, Anand.

University officers, staff members, students and university residents participated in the camp. Retina Check up, Color Vision, Refraction, Cataract and Glaucoma tests were

conducted by expert doctors. Total 235 persons took benefit of the camp.

## 'KAVA' DISTRIBUTION FOR PREVENTION OF H1N1 FLU



Directorate Students' Welfare and Medicinal and Aromatic Plants Research Station, AAU, Anand jointly distributed Medicinal Preparation (KAVA) during

21-24 August 2017 for prevention of Swine flu in the University Campus. University officers, staff members, students and university residents took benefit of thus ayurvedic preparation.



## CELEBRATION OF TREE PLANTATION PROGRAM AT AAU



- Paddy Research Station, Dabhoi celebrated Tree Plantation Programme on 24 August 2017 at Model Farm, Dabhoi. In this event, Unit officer, all

staff members, principal, teachers and students of Sardar Patel Uttar Buniyadi School remained present to grace this yearly celebration. About 250 plants were planted at office and farm compound. Shri R. L. Chotaliya, Unit Head, PRS, Dabhoi addressed the gathering.

- Veterinary college had organized a 'Tree Plantation Programme' on 14 September, 2017 under National Service Scheme.

The programme was inaugurated by Dr. A. M. Thaker, Dean/ Principal, Veterinary College, AAU, Anand. About 40 NSS volunteers participated and plantation of 65 saplings were carried out nearby the Girls' Hostel.





## BEST PAPER AWARD



- A team of Students and Teachers of Dept. of ARGO, Vet. College, AAU viz., Dr. K.S. Mungad, J.A. Patel, A.J.

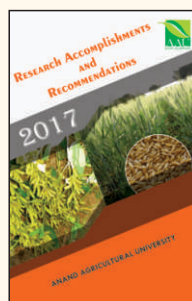
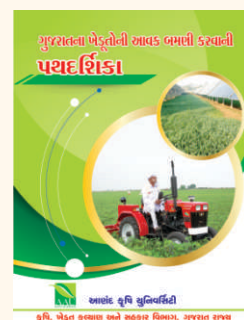
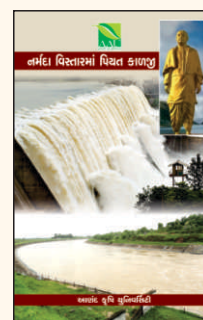
Dhami, S.C. Parmar and R.M. Kalasariya were conferred upon the Best Paper Award - 2017 of the SVSBT for their best research paper entitled 'Seasonal influence on efficacy of Ovsynch, Heatsynch and Triu-B protocols in terms of estrus response, conception rate and biochemical profile in postpartum anoestrus buffaloes' published in Indian Journal of Veterinary Sciences and Biotechnology, 2017, 12(2): 1-7, during the inaugural function of 5<sup>th</sup> Annual Convention of SVSBT and National Seminar on 'Opportunities and Challenges of Translational Research in the Frontier Areas of Animal Biotechnology' at College of Veterinary Science & AH, OUAT, Bhubaneswar, Odisha, held during 22-23 September 2017. Dr. D.V. Chaudhari, Asst. Prof., Dept. of ARGO, Anand received the award on behalf of authors.



- Dr. D.V. Chaudhari, Asst. Prof., Dept. of Gynaecology & Obstetrics, Veterinary College, AAU, Anand

begged the Best Paper Presentation Award for the research paper entitled 'Efficacy of Egg Yolk Tris and Soya Bean Milk based Extenders for Cryopreservation of Zebu Cattle and Buffalo Semen' authored by P.J. Chaudhary, A.J. Dhami, D.V. Chaudhari, K.K. Hadiya and J.A. Patel in National Seminar on 'Opportunities and Challenges of Translational Research in the Frontier Areas of Animal Biotechnology' held at OUAT, Bhubaneswar, during 22-23 September 2017.

## PUBLICATIONS BY AAU

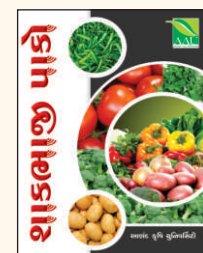


## BOOKS PUBLISHED FOR FARMING COMMUNITY

The Publication unit, DoEE, AAU, Anand published five books entitled Ideal Seed Production, Vegetable Crops, Flower Crops, Scientific Farming of Soybean and Value Addition and Modern Agricultural Approaches.



કિંમત : ₹ ૮૦/- (રૂબરૂ)  
₹ ૧૨૦/- (રજી. પોસ્ટથી)



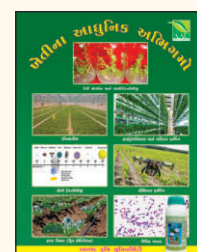
કિંમત : ₹ ૮૦/- (રૂબરૂ)  
₹ ૧૫૦/- (રજી. પોસ્ટથી)



કિંમત : ₹ ૮૦/- (રૂબરૂ)  
₹ ૧૨૦/- (રજી. પોસ્ટથી)



કિંમત : ₹ ૪૦/- (રૂબરૂ)  
₹ ૮૦/- (રજી. પોસ્ટથી)



કિંમત : ₹ ૭૦/- (રૂબરૂ)  
₹ ૧૧૦/- (રજી. પોસ્ટથી)

## AAU APPOINTED REGULAR REGISTRAR, DIRECTOR OF EXTENSION EDUCATION & OTHER TEACHING POSTS.



Anand Agricultural University had invited online applications for the post of Registrar, Director of Extension Education and other teaching cadres as per advertisement 2/2017 (backlog) and 3/2017. Wherein Dr. M. N. Brahmabhatt is appointed as regular Registrar and Dr. Arun Patel is appointed as Director of Extension Education of this University. In teaching positions, 45 candidates were appointed as Assistant Professor, Associate Professor and Professor under direct recruitment

with the concurrence of Board of Management.



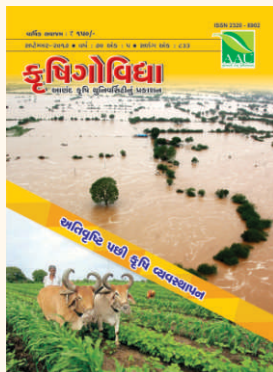
## OUR PRIDE



The ICAR is conducting AIEEA-PG (All India Entrance Examination For Admission in Post Graduate), a national level examination for M . V . S c .

admission in reputed institutes/colleges of India. In AIEEA-PG-2017 examination, 18 students from Veterinary College, AAU, Anand qualified.

## PUBLICATION OF FARM MAGAZINE



The Publication Unit, DoEE, AAU, Anand publishes the monthly farm magazine 'Krushigovidya' regularly for the benefit of the farming community since May 1948. There are 8828 subscribers registered for this multicolored farm magazine upto September 2017.

## RETIREMENTS

### July 2017

- 1 Dr. Bhavbhuti Mukundrai Parasharya, Professor, ICAR Unit, AAU, Anand
- 2 Shri Babubhai Pujabhai Vaghela, Lab. Attendant, Veterinary College, AAU, Anand
- 3 Shri Iswarji Sivaji Vaghela, Office Superintendent, Office of the Comptroller, AAU, Anand
- 4 Shri Bhagvanbhai Narshibhai Hingaladiya, Agril. Assistant, RRS, AAU, Anand
- 5 Shri Kiritkumar Bhailalbhai Raval, Agril. Assistant, TRTC, AAU, Devgadbaria
- 6 Shri Piyus Vasantkumar Limbachiya, Sr. Clerk, DR Office, AAU, Anand Sad Demise
- 7 Shri Bhupendrabhai Gordhnabhai Vaghela, Jr. Clerk, Library, AAU, Anand Sad Demise

### August 2017

- 8 Dr. Amrutlal Gordhnabhai Bhadaniya, Profeossor, Dairy Science College, AAU, Anand
- 9 Shri Madhusudan Harshadray Vyas, Head Clerk, BTRS, AAU, Anand
- 10 Smt. Varsabhen Rohitkumar Shukla, Asst. Residue Analyst, ICAR Unit, AAU, Anand
- 11 Shri Kaniyalal Hiralal Vyas, Jr. Wireman, Office of the Executive Engineer, AAU, Anand
- 12 Shri Babubhai Nathubhai Vasava, Lab. Attendant, Veterinary College, AAU, Anand

### September 2017

- 13 Shri Narayanbhai Khodabhai Prajapati, Agril. Assistant, AAU, Sanand
- 14 Shri Girishkumar Manuprasad Dave, Agril. Assistant, BACA, AAU, Anand
- 15 Shri Jagdish Jivabhai Sondarva, Sr. Clerk, BACA, AAU, Anand
- 16 Shri Manubhai Gotabhai Chauhan, Peon, Office of DEE, AAU, Anand

*Heart is a very good fertilizer; anything we plant - love, hate, fear, hope, revenge, jealousy  
Surely grows and bears fruits. We have to decide what we harvest*

*- Swami Vivekanand*

Book-Post

To

From :  
The Editor  
AAU Newsletter  
Directorate of Extension Education  
University Bhavan, Anand Agricultural University  
Anand-388 110